HERE'S PROOF THAT TANDY IS

Only Tandy Comes with Total Support from the World's Largest Computer Retailer: Radio Shack

When you buy a Tandy computer from Radio Shack, you're not just buying a computer, you're buying a computer company! Radio Shack invests heavily in product development so that our line is constantly updated with new technology. By staying a step ahead, we keep quality high and costs down. And every Tandy computer is backed with Total Support. Over 430 Radio Shack Computer Centers nationwide feature computer training rooms and local company-owned service facilities with company-trained technicians. Our Radio Shack Plus Computer Centers number over 660, and feature a full line of computers and software. Our newest type of store is the Computer Center/Telephone Center. In addition to computers, these facilities specialize in business telephone system sales, leasing, planning, installation and service. Wherever you see one of these signs, you know you can buy the latest in technology at affordable prices.

Affordable Classroom Computing

Professional Service For OEM's

We're Organized to Meet Every Need

Education Division. Radio Shack is committed to education, always working to meet the needs of educators nationwide. We offer one of the most comprehensive libraries of educational software available anywhere. And we're helping introduce teachers to the benefits of computers in schools by providing training at no charge. Direct inquiries to: Education Division, 1400 One Tandy Center, Fort Worth, TX 76102.

National Account Division. Radio Shack provides for the special needs of corporations and quantity buyers. We'll help solve your company's computer application and communication needs, including employee training. Direct inquiries to: National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102.

Tandy Contract Marketing. OEM's and System Houses become a part of our success story by designing and selling vertical market application packages configured with our computers. Tandy is your single-source supplier. Direct inquiries to: Tandy Contract Marketing, 1400 One Tandy Center, Fort Worth, TX 76102.

TANDY ADVANCED TECHNOLOGY SERIES **Radio Shack** ...AND AFFORDABLE TOO

Introducing Our Exclusive Advanced Technology Series

For over 60 years, Radio Shack has been bringing the latest in electronic technology to the marketplace. Products that carry the ADVANCED TECHNOLOGY Series emblem of excellence represent the state-of-the-art in new technology, outstanding quality and price breakthrough. Look for the emblem displayed by these superb products: the Tandy 2000, 1000, 200 and Model 100 computers, and the CGP-220 color ink-jet printer.

These Cards Good At Most Locations

The Right Credit and Leasing Plans for You

Radio Shack honors American Express, Carte Blanche, Diner's Club, Master-Card, Visa and Radio Shack/CitiLine. With your CitiLine card, you can finance initial purchases of $225 or more and subsequent purchases of $100 or more. Simply fill out the CitiLine application card that's available at any Radio Shack Computer Center or participating store or dealer—no fee required. Upon approval by Citibank, often within the hour, you can take your purchases home. Payments can be spread over 30 months, or paid in full anytime.

Your business may lease any computer system valued over $1500 on a 37-month lease. And since ours is a true lease, payments may be fully tax deductible as a business expense. We can provide leasing terms to non-profit, governmental and educational organizations, too. Get complete details at any of over 1200 Radio Shack Computer Centers.

CLEARLY SUPERIOR.

Radio Shack Computer Centers Offer You Three Ways to Get Software for Your Computer

Off the Shelf. You'll find the most popular software right in this catalog! Just use the index at right to find a wide variety of software for your computer. Virtually all of these programs are available "off the shelf" at either your local Radio Shack Computer Center or at participating Radio Shack stores and dealers. Every program undergoes a series of thorough research, evaluation, and testing.

Express Order Software. This exclusive service brings you other top-name software. These packages are performance proven, ready to run, and professionally supported by each software vendor. Express Order Software programs can be ordered at any Radio Shack Computer Center, store or participating dealer nationwide. Orders are transmitted electronically and shipped the following day for super-fast service! Select from a wide variety of programs already available. More packages are being added every month—stop by any Radio Shack Computer Center for an up-to-date list of these popular programs.

Referral Software Service. We've put an end to your search for hard to find software! Stop by any Radio Shack Computer Center and ask to see our Directory of Reviewed Software. It's packed with hundreds of specialized software applications that have been custom designed for businesses just like yours. Updated monthly, the directory shows you where to buy some of the newest and most innovative software available, from client write-up for accountants, fixed asset record keeping, information processing for florists, farm accounting, real estate sales and more. Each package has been evaluated by our professionals. These packages are not sold or supported by Radio Shack. Complete information on how to contact and order from the independent vendor is provided in the Directory.

Software Developers! Take advantage of this unique opportunity. The Radio Shack Software Support Program aggressively assists third party software firms in developing and/or converting reliable, specialized software for our microcomputers. And you become eligible for the Software Review Program, possible listing in the Directory of Reviewed Software, and consideration for the Express Order Software service. For complete details, contact Radio Shack, Outside Software Support Program, 1300 One Tandy Center, Fort Worth, Texas 76102.
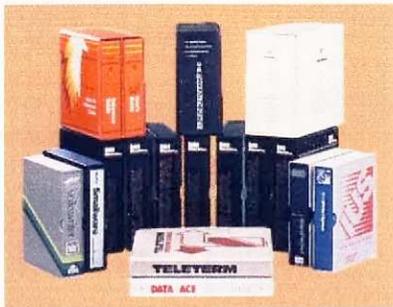
Professional Training is Available at Radio Shack Computer Centers

Learn to use your computer and software in our fully-equipped training facilities. We supply everything you need, including qualified instructors, computers and carry-away student guides. Proven learning techniques are employed to insure maximum effectiveness in a minimum of time. Training is available for equipment operation, introductory and intermediate word processing, data base management, spreadsheet applications, operating systems, and introductory, intermediate and advanced BASIC programming (not all training available at all locations). Pick up a copy of our new Product Training Catalog at your Radio Shack Computer Center today!

Product	6-11 of 1 item	12-49 of 1 item	50-499 of 1 item	500-Up of 1 item
Software, Books, Accessories, Ribbons, Paper	10%	15%	17%	20%
Model 100, 200 Pocket & Color Computers, Printers, Peripherals	5%	10%	15%	20%
Model 4/4P, 12 Tandy 6000, 2000, 1200 HD, & 1000	5%	10%	(See store manager for quantities over 20.)	

For discounts on diskettes and cassettes, see page 58 and 59. All prices and terms optional in Dealer/Franchise stores. Prices are subject to change without notice.

INTRODUCING THE TANDY 1000

The MS-DOS Computer That's Ahead of the Crowd
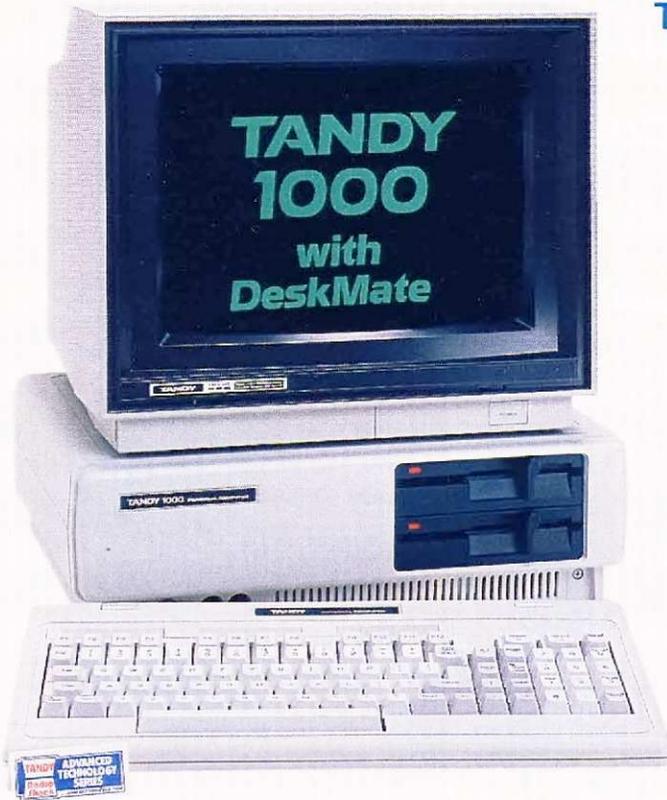
The Tandy 1000 Packs Everything You Need Into One Low-Priced Package, Including DeskMate Software!

NEW FOR '85 **1199⁰⁰**

Monitor and second disk drive sold separately.

AS LOW AS **$54 PER MONTH**

Compare Tandy 1000 with the IBM PC		
Feature Description	**Tandy 1000**	**IBM PC**
Monochrome Graphics	Included	Option
Color Graphics	Included	Option
Joystick Interface	Included	Option
Keyboard	90 Keys	83 Keys
Printer Interface	Included	Option
Light Pen Interface	Included	No
Hard Disk	Option	Option
Secondary Floppy	Option	Option
DOS/BASIC	Included	No
Bundled Applications	Included	No
PC Expansion Slots	3	5*

*Note: only three slots available on PC for expansion.

In price and performance, it's only natural to compare the Advanced Technology Tandy 1000 with IBM's PC. After all, both let you choose from an astounding collection of MS-DOS programs, including Lotus 1-2-3, the pfs: series, Multiplan, MS-Word, dBASE II, DR Graph and many others.

Buying an IBM PC, however, is like getting only half a machine. You'll also need to purchase adapters to use a monitor, printer, joysticks and light pen. The Tandy 1000 includes these adapters, as well as such "extras" as a disk operating system and BASIC.

Indeed, an IBM PC equipped with these features, 256K RAM and a color monitor will run you over $3100†. The equivalent Tandy 1000 is only $2048.90 and gives you superior graphics in up to four times as many colors!

Unlike IBM's PC, every Tandy 1000 comes with applications software. We call it DeskMate™, and it's word processing, spreadsheet

Choose the Tandy 1000 Display Monitor That's Right for You

analysis, electronic filing, telecommunications, a calendar and electronic mail all on one disk. It's your first step in software . . . and it's included with every Tandy 1000 (see description, next page).

The Tandy 1000 also comes with 128K RAM, expandable to 640K. Monochrome and color graphics adapters are built right in for easy hookup to a monitor—and you can even connect the Tandy 1000 to any color TV*. There's also a three-voice sound circuit, plus a built-in speaker for sophisticated sound and music generation.

Whatever your applications, the Tandy 1000 is the personal computer for you. That's because the Tandy 1000 has one of the widest selections of software available. Spreadsheet, word processing, integrated applications, home education, entertainment—it's all available at your local Radio Shack Computer Center. Plus, you can order some of the hottest names in software from our exclusive Express Order Service (see story, page 3).

DeskMate software, easy user expansion and superb graphics make the Advanced Technology Tandy 1000 clearly superior. It's the best $2000 computer you can buy—for only $1199.

Tandy 1000. 25-1000 . . . . 1199.00

*Requires optional RF modulator. Supports 40-column video only.

We offer two display monitors for Tandy 1000 to suit your needs. Both the VM-2 High-Resolution Monochrome Monitor and the CM-2 High-Resolution Color Monitor feature an 80 x 25 display for text, plus 640 x 200 high-resolution graphics.

VM-2 Monochrome Monitor. 26-3211 . . . . 159.95

CM-2 Color Monitor. 26-3212 . . . . 549.95

Monitor Pedestal. Compact, space-saving pedestal tilts and swivels to give you the very best viewing angle. For the VM-2 only. 26-5115 . . . . 89.95

RF Modulator. Lets you use your Tandy 1000 in 40 x 25 format with any color TV. Requires cables. 15-1273 . . . . 24.95

SPECIFICATIONS. Microprocessor: Intel 8088 processor. Clock speed, 4.77 MHz. **Operating System:** Includes Microsoft's advanced MS-DOS 2.11 with BASIC. **Memory:** 128K RAM, expandable to 640K. Includes power-up diagnostics. **Keyboard:** 90-key sculptured, including numeric entry keypad. Special keys include HOLD, ESCape, BREAK, CTRL, CAPS, INSERT, DELETE, HOME, Up, Down, Right and Left arrows. Twelve programmable Special Function keys. Retractable legs, 6-ft. coil cable and tactile keyclick. **Video Display:** Optional high-resolution, non-glare 12" monochrome (green) or color monitor. 80 or 40 characters per lines by 25 lines. User-definable character set. Reverse video, underline, blank, blink, double-wide/double-high. High-resolution monochrome and color graphics (displaying 8 colors selected from 16—white, yellow, cyan, green, magenta, red, blue, black. Full and half-intensity). **Disk Drives:** One built-in double-sided, double-density, 360K (formatted) thin-line 5¼" mini-floppy. 48 tracks per inch. **Internal Expansion:** Three user-accessible IBM PC-compatible card slots, second 360K Floppy Disk Drive. **External Connections:** Standard parallel port, monochrome monitor, light pen adapter, two joysticks, RGBI Color Monitor, composite video and audio, AC outlet. **Power Requirement:** 120VAC, 60 Hz. †Based on manufacturer's pricing as of October, 1984.

4

ONLY THE TANDY 1000 HAS DESKMATE

Included with the Tandy 1000 at No Extra Charge! DeskMate™ Disk Software Lets You Start Computing Right from Day One!

- Text Processing for Preparing Correction-Free Reports, Memos and Correspondences
- Convenient Electronic Filing Program
- Electronic Spreadsheet Lets You Make Countless "What If . . . " Calculations
- Telecommunications Program Lets You Communicate with Other Computers and Information Services
- Calendar/Alarm to Remind You of Appointments

Tandy 1000 beats the crowd because this multi-function disk software is included at no charge! DeskMate lets you put your Tandy 1000 to work the minute you get it unpacked. It's the easiest way yet to learn what word processing, for example, can do for you. It also saves you money, because later, when you buy more powerful programs, you'll already be familiar with the applications before you ever spend a penny on software.

DeskMate is user-friendly, using the same commands throughout all applications. The system utilizes the Tandy 1000's control keys, so there are no complicated commands to memorize. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file stored for every function. Choose from word processing, spreadsheet analysis, electronic filing, telecommunications and electronic mail. There's also an alarm that you can set to alert you to important events.

TEXT. Text processing made simple. Control-key editing features make it easy to compose and edit text right on the screen. Then print correction-free originals with an optional printer.

WORKSHEET. This electronic spreadsheet uses simple "plain English" entries to make complex calculations instantly! View countless "What if . . . ?" situations in seconds. You can print all or a portion of your spreadsheet. A valuable planning tool for everything from personal finance to marketing.

FILER. Create a name and address file, a small inventory list and more. Simple commands let you create and find files easily. You can sort files by one or more fields and also print your files in any order that you desire.

Monthly Calendar with Current Date Highlighted

Appointment Calendar and Event Reminder
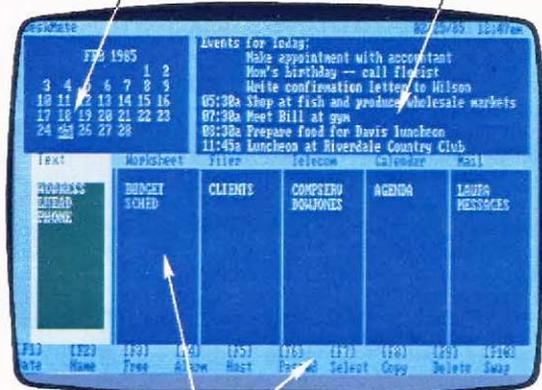
Function Menu Displays Your Files for Each Function, Plus Control Key Commands

TELECOM. By adding an optional modem, DeskMate lets you communicate with a host computer, information service or another terminal. Information you receive can be saved, printed or stored on diskette for later reference. You can also send files to other computers. TELECOM will even dial the phone number of anyone listed in FILER at the touch of a key!

CALENDAR. This part of DeskMate lets you set up an agenda for a month, as well as set your daily appointment calendar. Finding, adding and deleting events is easy. And you can also place events in an alarm file that will trigger an alarm through the Tandy 1000's built-in speaker.

MAIL. This special program lets you send and receive messages to and from other DeskMate users over the phone.

Your Tandy 1000 and DeskMate software come with a thorough, easy-to-understand tutorial manual, a reference manual and quick-reference card. DeskMate—it's your first step in computing!

*DeskMate requires 80-column monitor.

User-Installable Tandy 1000 Expansion Boards and Options

300-Baud Modem Board

This easy to install board is entirely controlled by Tandy 1000 keyboard entries or software. Your Tandy 1000 can dial or answer the phone completely unattended. And you don't waste any desk space because this 300 baud modem fits right inside your Tandy 1000. Programmable for originate/answer modes and auto dial/answer. You can have complete control of the modem—and your telephone—through optional communications software, such as Videotex Plus or Telecom (with DeskMate). You can even write a program to dial or answer unattended. Configure the board to match your requirements. It can be used alone, or operated with installed RS-232, and either on a single-line or multi-line telephones. FCC registered. 25-1003 . . . . 179.95

Tandy 1000 Memory Expansion

256K Memory Expansion Board. User-installable board expands your Tandy 1000 to 256K RAM. Lets you add additional memory with expansions below. Also includes Direct Memory Access Controller which can speed up computer operations. 25-1004 . . . . . . 299.95

512K Memory Expansion Board. Lets you upgrade from 384K to 512K. Can be used with Tandy 1200 also. 25-1009 . . . . . . 249.95

128K RAM Upgrade Kit. Used to upgrade from 256K to 384K or from 512K to 640K. Gives you a total of 640K memory in conjunction with two Expansion Boards, above. 26-5162 . . . . 149.95

Tandy 1000 Disk Drive Kit

Provides an additional 360K of disk storage. Mounts internally, installation recommended (not included). 25-1005 . . . . 299.95

RS-232C Option Board

Open up a whole new world of communications for your Tandy 1000! The RS-232C board, combined with communications software and external modem, lets you talk with other computers and access national information services. Use this with high-speed modems or for serial plotters and printers. Plugs into one of Tandy 1000's option card slots.
25-1006 . . . . 99.95

Hard Disk Controller Board

Allows you to add hard disk drives for up to 70 million characters of storage for data and programs. Compatible with most Tandy 1000 software—most programs transfer directly to hard disk. Includes cable for use with our 15 or 35-megabyte Hard Disk Systems (see page 19). Requires hard disk driver software, shown below.
25-1007 . . . . 329.95
Hard Disk Driver Software.
25-1157 . . . . 19.95

Digi-Mouse Controller/ Clock-Calendar Board

Dual-purpose board includes controller for Digi-Mouse™ and perpetual time/date clock so that you don't have to re-input time and date into your applications programs. Includes demo program and documentation on how to use the Digi-Mouse in your programs. Battery back-up.
25-1010 (Avail. 3/15/85) 99.95

TANDY 1000 PERSONAL SOFTWARE
Office Software to Improve Efficiency and Productivity

Friday!

Turn the paper files in your office into a more efficient electronic filing system with Friday! It's a simplified file handling system that anyone in your office can learn to use quickly. Friday! is great for invoices, inventories, paychecks, sales and commissions records, quick summaries, custom reports with special headings, form letters, mailing labels and much more. Use the information handling capabilities in Friday! to find frequent customers, leading sales people or other important facts. And Friday! is easy to use. Enter data files using the standard format in Friday!, or create your own personalized format. If you need a special report, Friday! can help you position titles, headings and information easily. Then Friday! lists all the information you're looking for, and computes subtotals, totals, commissions and more if you ask it to. Friday! even works with other computer programs: Friday! files can be used by WordStar and Lotus 1-2-3. 25-1149 . . . . 299.95

HomeworD Series

HomeworD. Take the confusion out of word processing with HomeworD, an incredibly easy-to-use personal word processor. With HomeworD, there are no complicated commands to memorize, no hefty manuals to flip through. HomeworD is so easy to use adults or children can start word processing almost immediately! Instructions on cassette tape and an easy-to-follow instruction manual take you through basic word processing functions, and the program's identifiable icons make it a snap to print, edit, delete or move copy. 25-1116 . . . . 69.95

HomeworD Speller. Add this spelling dictionary to your HomeworD system and it automatically searches for misspelled or unknown words. Correct a misspelled word once and HomeworD Speller corrects it throughout the remainder of your text. HomeworD Speller includes 28,000 words in its dictionary. You can add up to 5000 more. 25-1119 . . . . 49.95

HomeworD Filer. Keep your records in order easily with this electronic filing system for the home. File, sort and retrieve bills, budget information and more with easy-to-understand icons. 25-1125 . . . . 69.95

Videotex Plus

A powerful and sophisticated communications package that lets your Tandy 1000 communicate with major information services like Dow Jones News/Retrieval and CompuServe. Videotex Plus is easy to use, yet it's loaded with features to help you minimize connection time. There's even an option that lets you use the auto-dial feature found on many telephone modems, including our Direct-Connect Modem II (26-1173) and the high-speed DC-2212 Modem (26-1176). Includes on-screen editing for tailoring the auto-log sequence. Save information to disk for later viewing, editing or transmission. Features function key commands to speed often-needed sequences and a printer control for hard-copy output to an optional printer. Includes three major modes: the primary communications program, a specialized program for use with "store and forward" services and a module that lets you create and edit log-on sequences and save them on diskette. Requires telephone modem. Includes one free hour on CompuServe and Dow Jones. 26-1150 . . . . 49.95

Quartet™ Integrated Accounting

A Tandy exclusive! Quartet includes four integrated accounting programs to give you the most up-to-date information on your company's financial health. Track your business records with programs for General Ledger, Accounts Receivable, Accounts Payable and Payroll. Quartet was designed for ease of use, with easy-to-read formatted screens for fast data entry, on-line updating of ledger accounts for an up-to-date general ledger, a convenient search function and automatic look-up of records. Quartet provides easy access to invoices, bills, paychecks, expense checks and ledger transactions and can create user-defined reports for customers, vendors, employees and items. With a printer, Quartet can be used to print user-formatted financial statements with or without comparisons to previous years. Also prints invoices, monthly statements, payroll checks and expense checks. 25-1146 . . . . 399.95

Portfolio Decisions

Keep track of the information you need to make crucial decisions on Wall Street. Portfolio Decisions helps you determine Purchase-to-Date Yield, Average Cost Per Share, Short Term Loss/Gain and much more. Record your purchases, earnings and sales in seven investment categories: Common Stocks, Preferred Stocks, Bonds, Mutual Funds, Certificates of Deposit, Treasury Bills and Warrants. Portfolio Decisions automatically updates your portfolio with current investment prices with access to Dow Jones Quotes and the CompuServe MicroQuote systems. Keep your own comprehensive records in Portfolio Decisions as well, and simulate investments using the program's "What If?" function. Provides eight important reports, including Portfolio Activity, Capital Gains/Loss and Monthly Income Forecast. 25-1147 . . . . 149.95

Finance Manager

Gain a better understanding and control of your personal and professional finances. Finance Manager features an easy-to-understand approach to financial management that anyone can use. Creates net worth statements and budgets, determines net profit, prints checks, accounts for taxes, monitors your income and expenses, and analyzes investment opportunities. Transactions are automatically totaled and presented in a monthly Income Statement report. Records up to 35 automatic transactions to save time in monthly bill paying. 25-1148 . . . . 99.95

SCRIPSIT 1000

Give your Tandy 1000 the features of a dedicated word processor with SCRIPSIT 1000. Lets you prepare memos, letters, reports and manuscripts right on the screen, in a full 80-character by 24-line format. Multiple edit features let you delete, insert and move blocks of text easily. Includes reverse video to aid in editing. Then print as many correction-free originals as you want with an optional printer. Includes all the standard features that have made SCRIPSIT one of the most popular word processing programs available. Includes a "global search" function to find words or phrases to replace or delete. Also features reformatting, hyphenation, centering, headers, footers, justification and more. With comprehensive training manual and quick-reference card. 25-1155 (Avail. 2/28/85) 299.95

TANDY 1000 HOME SOFTWARE
Carefully Selected Programs for Learning Fun!

Facemaker. Helps children become comfortable with computer fundamentals by playing fun, simple games. Build an animated face by choosing eyes, noses, ears and more.
25-1100 . . . . 29.95

Kids on Keys. Children learn with the computer keyboard as they identify numbers, letters and words. 25-1101 . . . . 29.95

Kindercomp. Kids create colorful pictures, or enjoy colors and sounds as they press different keys.
25-1102 . . . . 29.95

SPINNAKER
We make learning fun.

Fraction Fever. Helps children develop an understanding of what a fraction is, and the relationships between them. 25-1103 . . . . 29.95

Alphabet Zoo. Children learn to associate letters of the alphabet with the sounds they represent. 25-1104 . . . . 34.95

Kidwriter. Your children create their very own storybook with colorful scenes, text and music. 25-1105 . . . . 29.95

Trains. You're in charge of a railroad empire. It's up to you whether your business succeeds or fails. 25-1107 . . . . 29.95

Wizard of Id's WizType. Your children learn to type words, sentences and paragraphs in a game with the characters from the comic strip "The Wizard of Id." Twenty typing levels to choose from.
25-1114 . . . . 34.95

BC's Quest for Tires. An exciting action game featuring Thor and all his friends from the comic strip "BC." Follow Thor as he zips around aboard his prehistoric unicycle, trying to rescue Cute Chick from the hungry dinosaur. But first he must face rocks and potholes, cross a lava pit, dodge volcanic ash and, of course, avoid the troublesome Fat Broad. 25-1115 . . . . 34.95

SIERRA

King's Quest. Enter an adventurous world of three-dimensional graphics, sound and animated characters. Guide brave Sir Graham on his quest and return the King's treasures! Different mysteries and obstacles await you each time.
25-1117 . . . . 49.95

Learning with Leeper. Leeper will lead your children through four award-winning preschool games and help prepare them for reading, writing and math. Features shape matching, counting, eye-hand coordination and creativity skills. Fully animated program requires no adult supervision. 25-1118 . . . . 34.95

Exciting Games and Adventures for Hours of Excitement!

One-On-One. The first basketball program that plays like a real game—and no wonder! Basketball greats Julius Erving and Larry Bird helped design it! Try 360-degree slam dunks, turn-around jump shots, rebounding for tip-ins and more. But watch out, the referee is looking for offensive and defensive fouls. A 24-second shot clock keeps the game fast paced and instant replays give your game the feel of a television broadcast. For one or two players.
25-1111 . . . . 34.95

Pinball Construction Set. Five complete, built-in pinball machines at your finger tips, with an infinite variety of ways to customize your own games. Choose from 32 ready-to-use game parts to build your own electronic pinball machine, or start completely from scratch. Save games you design for contests.
25-1112 . . . . 34.95

Demon Attack. Waves of winged demons are invading, and you're Earth's only hope! Armed with laser cannons and missiles, you must defend your home from the interplanetary warriors. But watch out, they're just the beginning. Look out—here the attacking demons come!
25-1110 . . . . 29.95

Touchdown Football. This is grid-iron action at its toughest and most exciting, for lovers of the game. Challenge the computer opponent with your own run, pass, punt and kick strategies. Program your offense and defense as you like. You can even program individual players—make a superstar! But if you like to watch, get some popcorn and let the computer play itself. 25-1123 . . . . 29.95
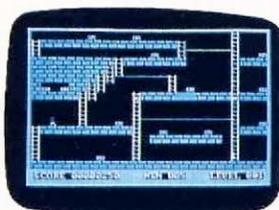
Lode Runner. You're a specially trained Galactic Commando behind the lines of the Bungeling Empire. They've stolen the treasure from your peace-loving people, but you've found where it's hidden. Now you must run, jump, drill special passages and out-smart the Bungeling guards if you're to succeed. More than 150 game screens make Lode Runner a challenge every time. You're constantly threatened by trap doors or different caves and arsenals. Lode Runner lets you design your own game, too.
25-1113 . . . . 29.95

Pipes. Arlo the Plumber needs your help to bring water to the people of Gilroy. Help him choose pipes from the factory, connect them to the houses and tie your new system to the water supply. Be frugal and plan your systems well, or you'll both end up all wet. Levels of difficulty increase with the number of houses in Gilroy.
25-1108 . . . . 29.95

Cutthroats. Here's an interactive adventure series for everyone. You're the chief diver at a backwater island, working for some shady characters. Can you recover the treasure? Ask the computer questions in full sentences and you'll get descriptive, full-length answers. Your adventure could last for weeks! 25-1121 . . . . 39.95

Micro Illustrator. Anyone can use Micro Illustrator to create beautiful computer graphics. No programming experience needed—you'll be creating colorful graphics in minutes! All commands are on an easy-to-use menu. Just point to choose shapes, colors and functions. Great for use with the Touch Pad (shown below).
25-1120 . . . . 29.95

Learn How to Program

Learning BASIC for Tandy 1000/2000. You can learn to program! It's easy with BASIC and your Tandy computer. This easy-to-follow tutorial explains how the language works, introduces you to BASIC commands and functions and starts you programming. BASIC is a simple but powerful computer language your children may already use in their classroom. Now your whole family can program at home. In fact, with the advanced capabilities of your Tandy 1000 or 2000, BASIC may be the only language you ever need for powerful programs, colorful graphics and exciting games! Written by Dr. David Lien. 25-1500 . . . . 19.95

Game Accessories

Ⓐ **Touch Pad.** Use as a game paddle and joystick, or use it to create free-hand graphics. With instructions. 26-1185 . . . . 59.95

Ⓑ **Deluxe Joystick.** Get accurate cursor control and quicker response. Dual-axis trim controls to customize to your style of play.
26-3012 . . . . 39.95

7

NEW LOW PRICES! TANDY 2000
Now Get 256K Memory at $300 Less Than Last Year!

"The Tandy 2000's ease of use, performance, documentation and serviceability are excellent."

—InfoWorld, June 18, 1984

"The designers at Radio Shack have corrected many of the faults present in the IBM PC, and in some respects, have completely surpassed it."

—Byte, March, 1984

"The Tandy 2000 Personal Computer is a pleasure to use. Instead of being a ho-hum addition to an overcrowded marketplace, it provides several significant improvements over its competitors."

—Popular Computing, July, 1984

2-Disk Tandy 2000

2499⁰⁰

Was $2750 in Cat. RSC-12

Commercial Lease Available
For Only $90 Per Month
(Plus Applicable Use/Sales Tax)

Hard Disk Tandy 2000 HD

3950⁰⁰

Was $4250 in Cat. RSC-12

Commercial Lease Available
For Only $135 Per Month
(Plus Applicable Use/Sales Tax)

Non-interlaced monitor. color graphics and Digi-Mouse not included

- An Ultra-High Performance MS-DOS System
- Dramatic Speed and Increased Storage Capacity Let You Perform Bigger Tasks in Less Time
- User-Expandable to Easily Meet Your Future Needs
- Choose From the Hottest Names in Software
- Stylish, Ergonomic Design for Maximum Productivity

There's only one way to cut through today's computer confusion, and that's to compare other personal computers with the Tandy 2000. We've been introducing the latest in technology for over 60 years. And the Tandy 2000 represents the state of the art in performance, quality and price breakthrough.

In actual benchmark comparisons with the IBM PC, Tandy 2000's true 16-bit microprocessor performed almost three times faster than the IBM PC*. Each Tandy 2000 disk drive offers over twice the storage of an IBM PC drive, but still reads and writes their format. Our color graphics are twice the resolution and offer twice as many colors.

And when it comes to software, today's hottest programs are available right now for the Tandy 2000. That's because the Tandy 2000 is based on MS-DOS—an industry standard operating system. Choose from popular and sophisticated programs like Lotus 1-2-3 and Symphony, dBASE II, Microsoft-Multiplan, pfs:file, MultiMate™, SuperCalc3 and many more.

The Tandy 2000 lets you "fine-tune" the modular system to your personal needs. And the low-profile, 90-key keyboard with 12 function keys and a 10-key numeric datapad assures fast, comfortable typing. Expand with additional memory, stunning high-resolution monochrome and color graphics, our Digi-Mouse™ and more.

Put simply: The Tandy 2000 . . . Clearly Superior.

256K 2-Disk Tandy 2000. 26-5103 . . . . . . 2499.00
256K 1-Disk Tandy 2000 with 10-Megabyte Hard Disk. 26-5104 . . . . 3950.00

Compare the Tandy 2000 to the IBM Personal Computer

Feature Description	Tandy TRS-80 Model 2000	IBM Personal Computer
Disk Capacity Per Drive	720K	320K
Clock Speed	8 MHz	4.7 MHz
True 16-Bit Microprocessor	Yes (80186) 16-bit/16-bit data path	No (8088) 16-bit/8-bit data path
User-Available Expansion Slots†	4	2
Graphics Options		
Color Resolution	640 × 400	320 × 200
Number of Colors	8	4
Monochrome Resolution	640 × 400	640 × 200
Graphics on Monochrome Monitor	Yes	No

TANDY
Radio Shack
ADVANCED TECHNOLOGY SERIES
...AND AFFORDABLE TOO

TANDY 2000 EXPANSION OPTIONS
Experience the Ultimate in System Flexibility
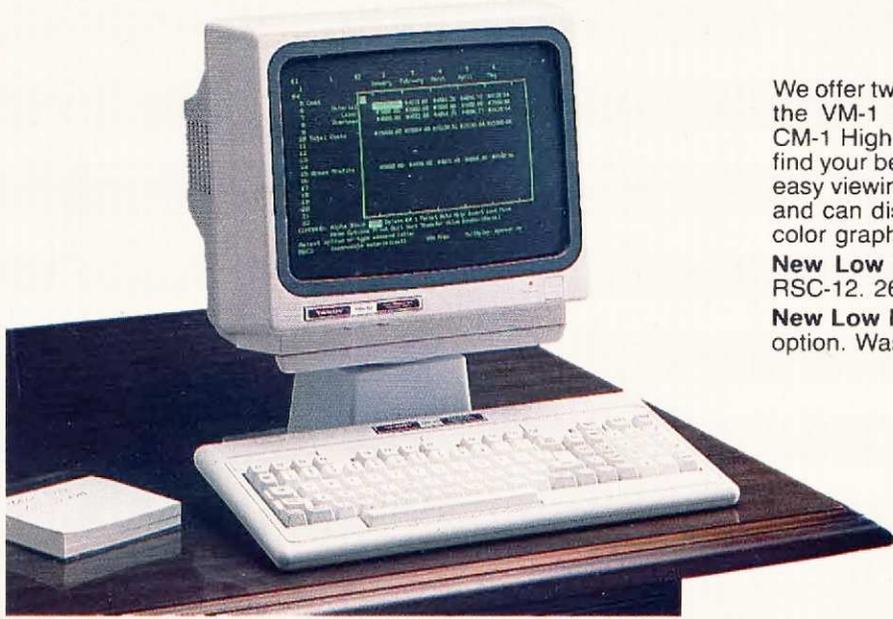
Choose Your Display Monitor

We offer two display monitors for Tandy 2000 to suit your needs. Both the VM-1 High-Resolution Monochrome Monitor, shown, and the CM-1 High-Resolution Color Monitor tilt 5 or 10 degrees so you can find your best viewing angle, and each features an 80 × 25 display for easy viewing. The VM-1 has a 12" green phosphor, non-glare screen and can display optional graphics. The 14" CM-1 gives you vivid 8-color graphics with the Monochrome/Color Graphics options.

New Low Price! VM-1 Monochrome Monitor. Was $249 in Cat. RSC-12. 26-5111 . . . . 199.95
New Low Price! CM-1 Color Monitor. Requires #26-5140 graphics option. Was $799 in Cat. RSC-12. 26-5112 . . . . 649.00

Space-Saving Options

Tandy 2000 is more than just attractive, it's a milestone in ergonomic design. Choose the Floor Stand to position the CPU beside or under your desk to increase usable space. The compact Monitor Pedestal for your VM-1 monitor tilts and swivels to give you the very best viewing angle. The monitor and keyboard can be used up to 8 feet away from the computer. Using both the pedestal and floor stand, with the keyboard in your lap, you have the smallest possible "footprint"—just 8¹/₂ × 12¹/₄". And in the standard desktop configuration, the keyboard slides under the computer to minimize storage space.

Monitor Pedestal. 26-5115 . . . . 89.95
Floor Stand. 26-5116 . . . . 145.00

You can slide expansion boards easily into slots in the back of the computer (as shown above).

New Low Price! External 256K Expansion Board. Comes with 128K RAM. 128K Upgrade (26-5162, below) expands each board to 256K RAM. Two boards can be added. User installable. Was $499 in Cat. RSC-12. 26-5161 . . . . 399.95
New Low Price! 128K RAM Upgrade. Installs on External Expansion Board (26-5161, above). User installable, however, installation by our technicians is recommended. Was $299 in Cat. RSC-12. 26-5162 . . . . 149.95
Internal 10-Megabyte Hard Disk. Requires installation, not included. 26-5125 . . . . 1699.00

High-Resolution Monochrome Graphics

New Low Price! Produce detailed business graphs, tables, charts and more on either the VM-1 Monochrome or CM-1 Color Monitor. 256,000 picture elements (640 × 400) produce amazing detail. User installable. Was $449 in Cat. RSC-12.
26-5140 . . . . 359.95

High-Resolution Color Graphics Chip Kit

New Low Price! Create spectacular 640 × 400 color graphics on the CM-1 monitor. Displays 8 of 16 colors. Requires Monochrome Graphics Option. Does not use a card slot. User installable; however, installation by our technicians is recommended. Was $199 in Cat. RSC-12. 26-5141 . . . . 149.95

Digi-Mouse Two-Button Mouse

Plugs in for easy cursor movement in programs like Microsoft Word, DR Graph, DR Draw, and others. Requires 26-5144, below.
26-1197. . . . . 99.95

Digi-Mouse/Clock Controller Board

Dual-purpose board includes controller for Digi-Mouse and perpetual time/date clock so that you don't have to re-input time and date into your applications programs. Includes demo program and documentation on how to use the Digi-Mouse in your programs. Battery back-up. User installable.
26-5144. . . . . 119.95

TANDY 2000/1000 PROGRAMS

The pfs:series Is Highly Recommended for First-Time Users

pfs:

- ■ Use Them Separately or Together
- ■ Learning One Makes It Easy to Learn All the Others

pfs:file*. A very simple way to create and organize your own customized business or personal filing system. You decide how your records are to appear.
Tandy 2000. 26-5305 . . . 140.00 **Tandy 1000.** 25-1140 . . . 140.00
pfs:report*. A powerful analysis tool that creates presentation-quality tabular reports from sales, inventory and other data stored in pfs:file.
Tandy 2000. 26-5306 . . . 125.00 **Tandy 1000.** 25-1141 . . . 125.00

pfs:graph. An easy way to turn complex numerical data into easy-to-read graphs. Choose from bar, line or pie charts. Accepts data from pfs:file or from the keyboard. Requires monochrome or color graphics.
Tandy 2000. 26-5307 . . . 140.00 **Tandy 1000.** 25-1143 . . . 140.00
pfs:write. Easily create reports, letters and memos with advanced editing features. Best of all, pfs:write can use information stored in pfs:file to personalize form letters and even address the envelopes. Documents can be illustrated with charts created by pfs:graph or tables from pfs:report.
Tandy 2000. 26-5309 . . . 140.00 **Tandy 1000.** 25-1142 . . . 140.00
*Minimum requirement is only 128K RAM.

OFFIX Personal Office System

NEW FOR '85

99⁹⁵

USE YOUR Radio Shack CITILINE
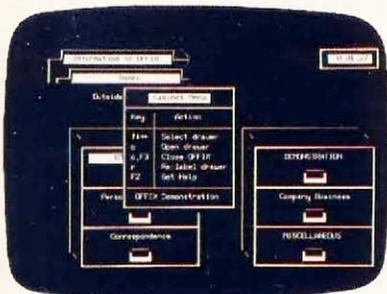
Tandy 2000 OFFIX. An affordable data manager that's easy to use because it's designed to mirror the office environment with which most people are familiar. OFFIX simulates file cabinets that are used to store folders containing information. Simple commands let you create file folders that can be stored and retrieved from file cabinet drawers, create documents and forms that can be taken out or put into folders, and produce reports and form letters based on the contents of a folder. You can design your own OFFIX forms to look like forms you use. On-screen diagrams illustrate menu selections, file cabinets and file folder jobs.
26-5325 (Available 2/15/85) 99.95

Amazing Microsoft Word

NEW FOR '85

375⁰⁰

AS LOW AS Radio Shack CITILINE $20 PER MONTH

Microsoft Word. A deluxe word processing system for your Tandy 2000/1000. Add our optional Digi-Mouse and move text and select commands without even using the keyboard! Word displays up to eight windows at once, so you can move text from one document to the other with ease. Text is displayed in boldface, italics, underlines, super and subscripts, small caps—all without any confusing symbols. More information on the various commands are displayed by pressing a single "help" key. Use with our color monitor and enjoy color-coded text. Requires monochrome or color graphics.
Tandy 2000. 26-5314 . . . 375.00 **Tandy 1000.** 25-1153 . . . 375.00

---

dBASE II Data Base Manager

495⁰⁰

AS LOW AS Radio Shack CITILINE $23 PER MONTH

- ■ Custom Design Your Own Information System
- ■ Full-Screen Editing Capability

dBase II for the Tandy 2000/1000/1200 HD. An extremely powerful relational data base management tool that permits easy manipulation of data bases using English-like commands. You can quickly create a full business information system that will grow with you. Set up a screen format to see exactly what you're going to get. Provides a maximum of 65,535 records per data base file and 1000 characters per record. 26-5352 . . . . 495.00

SCRIPSIT® 2000

NEW FOR '85

299⁹⁵

AS LOW AS Radio Shack CITILINE $20 PER MONTH

- ■ Gives You the Features of a Dedicated Word Processor
- ■ Built-In Spelling Corrector from Houghton-Mifflin

SCRIPSIT 2000. Advanced control-key operation makes SCRIPSIT 2000 one of the most user-friendly and powerful word processors on the MS-DOS market. Control-key functions can be displayed on the screen for quick and easy reference. And the built-in spelling corrector and verifier not only finds misspellings, but corrects them automatically. Allows merging with dBase II files.
26-5332 (Available 3/30/85) 299.95

Advanced Multiplan Spreadsheet

195⁰⁰

USE YOUR Radio Shack CITILINE

- ■ Runs Faster Than on the IBM PC
- ■ Displays Up to Eight Display Windows on the Screen

Microsoft-Multiplan. This popular "second-generation" spreadsheet lets you transfer information between worksheets automatically. You can assign plain-English names to any column, cell or area, vary individual column widths, center numbers and text within a column or align decimals. Sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. Includes on-line help.
Tandy 2000. 26-5311 . . . 195.00 **Tandy 1000.** 25-1152 . . . 195.00

MultiMate™ Word Processing

249⁹⁵

AS LOW AS Radio Shack CITILINE $20 PER MONTH
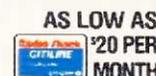
- ■ Includes a Superb Manual with Training Lessons
- ■ Performs Addition and Subtraction on Numerical Data Contained within Your Text

Tandy 2000 MultiMate. Actually duplicates the features of dedicated word processors. It's packed with over 100 features and functions, most of which can be accessed with just one or two keystrokes. You can edit one document while printing others and create form letters and mailing lists. You can even create documents from the ASCII files of another program. Will include 70,000-word verifier/corrector from Houghton-Mifflin (4/30/85). Features on-screen help.
26-5330 . . . . 249.95

NEW! INTEGRATED SOFTWARE

Get Several Programs in One for Use on Your Tandy 2000

Integrated software makes you more productive because you can go from spreadsheet to graphics to information management instantly! You can turn complicated numerical data into easy-to-understand charts and graphs in a matter of seconds, search and sort information, and solve spreadsheet analysis problems fast—all with just one program. Using powerful built-in spreadsheets, you'll be able to do hundreds of "What if . . . ?" simulations quickly. With just a few keystrokes, you turn your detailed spreadsheets into a bar graph, pie chart or other graphic display. Finally, you can sort and select relevant information, and even print this information with copies of your charts and graphs. The integrated software packages on this page are all designed to give you maximum performance from your Tandy 2000. Integrated software puts it all together to give you real flexibility and production power.
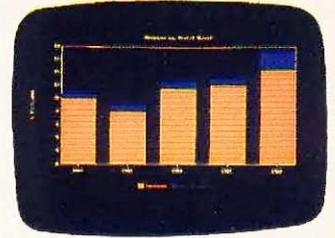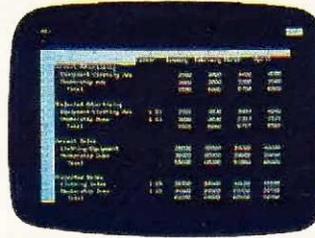
Get the Most Out of Integrated Software! The Advanced Technology Tandy 2000 Outperforms the IBM PC in Speed and Graphics Resolution

---
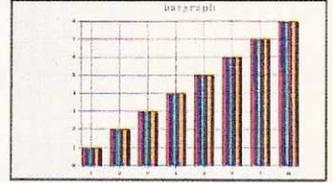
SuperCalc³ Advanced Spreadsheet

NEW '85 **395⁰⁰** AS LOW AS **$20 PER MONTH**

- Integrated Graphics and Data Base Management
- Prints All Available Plotter Colors

Tandy 2000 SuperCalc³. Ideal for professionals and managers, this full-featured program combines an advanced electronic spreadsheet with high-resolution integrated graphics and data management. Create line, bar and stacked bar graphs, pie and exploded pie charts, and even X-Y Hi-Lo and area graphs using single-keystroke commands. Spreadsheet gives you full 63 columns and 254 rows, along with calendar and date calculation, and multiple sorting options. Command sequences called "macros" can be created to simplify often-used operations. SuperCalc³'s powerful data base management feature is based on the spreadsheet model. Permits sorting on primary and secondary fields. In addition to the easy-to-understand manual, SuperCalc³ includes a self-paced starter guide that will have you using the program in ten minutes.
26-5302 . . . . 395.00

Popular Lotus 1-2-3

495⁰⁰ AS LOW AS **$23 PER MONTH**

- One of the Most Widely Used Integrated Software Packages in the World
- Tandy 2000 Performs Computations Over Three Times Faster Than the IBM PC

Lotus 1-2-3. You can change your spreadsheet data directly and then graph it in less than a second. Take data from your spreadsheet and search and sort it. Special "macro" keys let you substitute a single keystroke for a long sequence.
Tandy 2000. 26-5300 . . . 495.00   Tandy 1000. 25-1145 . . . 495.00

Function	IBM PC	Tandy 2000	Tandy 1000
Spreadsheet recalculation of 3 columns × 200 rows	9.5 seconds	3 seconds	9.6 seconds
Data base sorting of 172 records with four fields using a primary and a secondary key	5 seconds	2 seconds	5 seconds

---

Symphony—The All-in-One Package

This Integrated Package May Be the Only Software System You Ever Need to Buy!

NEW '85 **695⁰⁰** AS LOW AS **$32 PER MONTH**

The New All-in-One Business Software System for Managers and Professionals

Tandy 2000 Symphony*. Combines word processing, spreadsheet, communications, data base management, graphics and more. Symphony lets you call up information from your files, a subscription data base service, other personal computers or a mainframe, directly onto your worksheet. Then use the data to perform "what if" calculations. You may then draw a graph of the results, or even send it by phone modem anywhere in the world. Symphony is easy to learn, since it uses simple plain English commands. And you can even add-in new Symphony capabilities as your needs expand. On-screen "Help" and a tutorial guide makes mastering Symphony a snap. The complete software system for the office.
26-5304 (Available 3/30/85.) 695.00

Framework "Idea Processor"

NEW '85 **695⁰⁰** AS LOW AS **$32 PER MONTH**
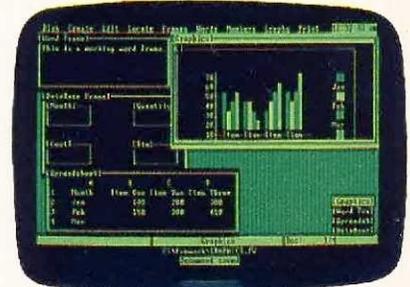
Combines Word Processing, Spreadsheet Analysis, Data Management, Telecommunications and Advanced Graphics in Unique Outline Form

Tandy 2000 Framework*. This unique system doesn't just process numbers—it processes ideas. Its unprecedented power, ease of use and flexibility literally make it a computerized extension of your mind. Each operation is placed in a "frame" that separates it from the rest of the program. Each frame is automatically placed in an outline form, which you can modify or rearrange at any time. In other words, you can jot down notes or ideas in one frame, then create sub-frames which contain data bases, spreadsheets, graphics and reports which relate to these basic ideas. Framework also utilizes a "desktop" format that lets you view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. Framework also features access to DOS and advanced printing features for all parts of the program. There's also FRED, a unique built-in language that lets you develop custom applications that perform an infinite number of specialized operations automatically. 26-5320 (Available 3/30/85) 695.00

---

*Requires a Minimum of 384K.

TANDY 2000 ACCOUNTING SOFTWARE

Streamline Your Bookkeeping with the *MAI* Basic Four · Interactive Accounting Series
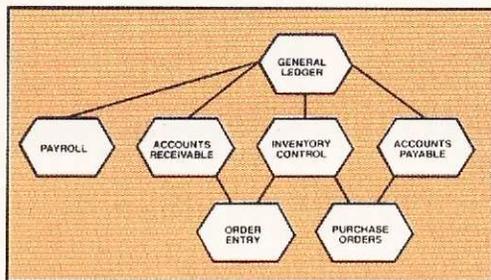
Fully Integrated Modules So You Only Enter Data Once.

General Ledger. Provides the information you need to understand your company's financial health. Conforms to established accounting principles and maintains a complete audit trail to ensure data integrity. Provides for income tax liability posting, automatically posts recurring journal entries and more. You can distribute expenses to different departments in the company automatically. Prints trial balance, income statements and balance sheets complete with comparisons with prior year activity and budgets. Special transaction codes let you link it to other MAI/Basic Four accounting modules.
26-5210 . . . . 495.00

Financial Statements. Allows you to develop reports easily from General Ledger data in user-defined formats, including summaries, net changes in financial condition and more.
26-5211 . . . . 395.00

Accounts Receivable. Helps measure sales performance, increase collections and lower total accounts receivable. Alerts you to how much and when your customers owe you. Provides for cash or accrual basis, ages accounts to 120 days, maintains balance forward or detailed invoice accounts. Automatically pays the oldest invoice for a customer, or lets you identify the specific invoice paid. Records cash received with multiple deposits on the same day and automatically calculates late charges and sales tax. Statements are printed at the end of a period or on demand. You may enter after-the-fact sales transactions or print invoices. Reports include detailed sales journal, mailing labels, aged open invoice and more. 26-5213 . . . . 495.00

Inventory Control. Tracks inventory by item number. Information on each item includes quantity on hand, reorder point, issue and receipt dates, unit price and cost. Choose LIFO, FIFO or average cost as costing method.
26-5214 . . . . 495.00

Order Entry. Interfaces with Inventory Control and Accounts Receivable programs to automatically transfer inventory and invoice data. Track orders from the time they are placed until they are filled. Prints invoices and credit memos, with requested payment terms and individual messages on invoices. Maintains open orders that have not been filled, produces picking sheets, packing slips and special order acknowledgements. 26-5215 . . . . 395.00

Purchase Orders. Lets you print and maintain open purchase orders. Reads the Vendor File from the Accounts Payable system for vendor names and addresses, and automatically transfers data to the Inventory Control system.
26-5217 . . . . 395.00

Sales Analysis. Uses data from the Order Entry and Accounts Receivable programs to provide an effective way to evaluate sales activity. Prints summary by salesperson, customer sales analysis, inventory item by customer or salesperson, salesperson invoice register and inventory sales analysis.
26-5216 . . . . 395.00

Accounts Payable. Tracks payment dates to take advantage of discounts, allows posting to one-time vendors and forecasts cash requirements. Provides cash requirements analysis, aged invoice reports and full audit trails. Works on cash or accrual basis. Prints bank reconciliation, checks, disbursement register, mailing labels and more.
26-5212 . . . . 495.00

Payroll. Lets you enter, maintain and inquire into an employee's personnel record. Enter earnings, calculate taxes, collect voluntary deductions and produce payroll checks and supporting governmental and management reports. Prints checks, W-2 forms, payroll distribution report, monthly worker's compensation report, quarterly tax report and more.
26-5218 (Avail. 2/28/85) 495.00

New! Tandy 2000 Precedent™ Software

An office management program designed specifically for attorneys, following standards established by the ABA Legal Economics Section. Precedent can be used by a sole practitioner or by larger law firms. Allows for total integration on Time and Billing, General Ledger and Cash Disbursements. Provides immediate access to client-related accounting information concerning service rendered, fees, expenses, billable and non-billable time, cash receipts, trust activity and more.
26-5226 . . . . 795.00

New! Docket Control Program

Keep track of deadlines and appointments. Docket Control accepts entry of reminder dates which occur while a case is pending. These dates can be entered individually by you or automatically calculated from user-defined models. When using models, you enter the date that begins the process (for example, date of death) and all subsequent dates are automatically calculated. Docket/Calendar can be printed at any time for any range of dates for one or all lawyers. Use alone or with The Precedent Legal Accounting System (left).
26-5227 (Avail. 2/28/85) 249.00

Get the Top Names in Software With Our Express Order Software Service!

- **Choose From the Most Popular Names in Software**
- **Next-Day Shipping for Fastest Possible Service**
- **Available at Radio Shack Computer Centers and Participating Radio Shack Stores and Dealers!**

Now, in addition to our "off-the-shelf" software, you can get other top sellers through our exclusive Express Order Software service! This service makes every Radio
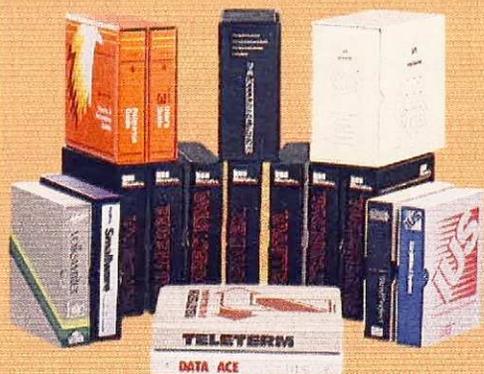
Shack Computer Center your one-stop software headquarters. All you have to do is drop by—and choose from the most complete selection of software available. Looking for an advanced word processing program for your Tandy 2000? With titles like Easy Writer I, Word-Perfect from Satellite Software, Volkswriter Deluxe from Lifetree Software, and other top names, the choice is yours. And if you have a Tandy 6000, try the LEX-68 multi-user word processing package from SofTest.

Business software? We offer you a choice. Select The Accounting Partner from Star

Software Systems, filePro 16 from The Small Computer Company, and more. We're adding new names to our Express Order Service every day!

Choose as many software packages as you want, and we'll transmit your order electronically for fast delivery. Your software comes to you performance proven, professionally supported by each software manufacturer and ready to run on your computer. Just visit your Radio Shack Computer Center or participating Radio Shack store or dealer. We're your one-stop software headquarters!

WINNERS FOR TANDY 2000/1000

See Tandy 2000's Graphics Advantage

NEW FOR '85
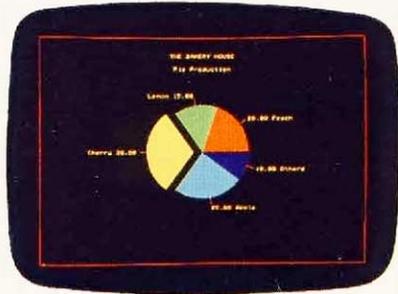
Uses Optional Digi-Mouse for Fast, Easy Graphics

195.00

USE YOUR [Radio Shack CITILINE]

DR Graph. Add impact to your presentations by communicating your message graphically. Displays line, bar, step, stick, scatter, pie and text-only charts on the screen utilizing the superior graphics resolution of the Tandy 2000. Print your graphs on paper or transparencies using a wide variety of printers. Simple screen instructions guide you through every stage of graph design, providing outstanding graphics without extensive training. You choose labels, titles, legends, colors, type styles and borders. Add, move and modify the size of your text at will with the aid of the optional Digi-Mouse. Requires 26-5140 and/or 26-5141. Available 2/15/85.

Tandy 2000. 26-5278 . . 195.00 **Tandy 1000.** 25-1151 . . 195.00

Prepare Dramatic Visual Aids

NEW FOR '85

Create Diagrams, Organization Charts, Logos, More with Ease

295.00

AS LOW AS [Radio Shack CITILINE] $20 PER MONTH

DR Draw. This interactive picture editor will produce amazing presentation-quality charts and diagrams used in written reports and other office communications. To build a picture, select geometric or text elements from the available options, using the optional Digi-Mouse to place elements in the desired location. Picture elements include lines, marker characters, arcs, pie segments, filled rectangles and polygons, and circles. Once created, any element can be moved, copied, scaled or deleted. Zoom in to work on a specific section, zoom back to view the whole picture, or pan to a different section of the diagram. Requires 26-5140 and/or 26-5141.

Tandy 2000. 26-5279 (Avail. 2/15/85) 295.00

Create Superior Presentation Graphics

NEW FOR '85 **595.00**
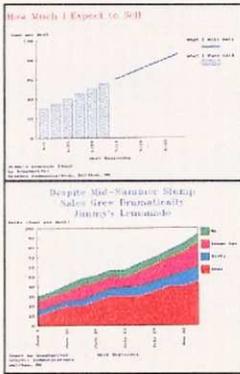
AS LOW AS [Radio Shack CITILINE] $23 PER MONTH

Graphwriter. Create sophisticated presentation-quality graphics that look the way you want them to. Graphwriter combination set includes 24 format programs capable of producing more than 40 graphics formats. Multiple line headings, footnotes and comments are easy to insert. Plot options include verticle, horizontal, half page and custom sized.

Tandy 2000. 26-5276 . . . . 595.00

Videotex Plus

Access National Information Networks And Data Base Systems by Phone **49.95**

A powerful and sophisticated communications package. Videotex Plus lets you communicate with any computer information service (with the same communications protocol as Videotex), such as CompuServe and Dow Jones New/Retrieval. It's simple to use, yet loaded with features to help you minimize connection time. There's even an option that lets you use the auto-dial feature found on many telephone modems, including our Direct-Connect Modem II (26-1173) and the high-speed DC-2212 Modem (26-1176). Videotex Plus also includes on-screen editing for tailoring the auto log-on sequence to your particular needs. You can save information to disk for later viewing, editing or transmission. Requires telephone modem. Includes one free hour on CompuServe and Dow Jones.

Tandy 2000. 26-5260 . . . . 49.95 **Tandy 1000.** 25-1150 . . . . 49.95

Set Up—and Stay on—a Budget!

The Home Accountant Plus. This program's ease of use, power and versatility have made it the number one best-selling home finance package in the country. For instance, you can print a net worth statement on request—so you know your exact financial standing, every day of the year. It will even print your checks, automatically. The Home Accountant also lets you label every transaction you make. When tax time comes around, you'll have every penny you've spent and earned neatly listed by category, and available at the touch of a button. Also displays a bar graph and trend analysis for any selected budget category. This is one software package it really pays to own! Requires 256K.

Tandy 2000. 26-5340 . . . . 124.95

Entertaining Games

The Witness*. You must solve the crime in this hard-boiled Thirties whodunit thriller. 26-5376 . . . . 49.95

Planetfall*. A sci-fi adventure set in the far future. You're trapped on a deserted planet with a mischevious robot. Together, you will unravel its mysteries. 26-5377 . . . . 49.95

Call to Arms*. A game of strategy. You must outmaneuver the enemy in Europe during 1942 or on the battlefields of Scotland during the 18th Century. 26-5382 (Avail. 2/15/85) 34.95

Powerful Tandy 2000/1200/1000 Programming Languages

COBOL Compiler. Includes an editor, interactive debug, CRT control and a single pass compiler. Tandy COBOL Compiler is the popular RM/COBOL and programs developed under this system can run on any other RM/COBOL system.
26-5257 . . . . 595.00

Pascal Compiler. From Microsoft. Compatible with the ISO proposed standard. Generates machine code for faster run times. Extensions facilitate systems and applications programming.
26-5256 . . . . 299.95

FORTRAN Compiler. From Microsoft. A subset of FORTRAN-77 for scientific and engineering applications. Includes meta-commands to enhance structuring source code, setting source formats and more.
26-5255 . . . . 349.95

NEW! C Compiler. Lattice C compiler is a fast, two-phase compiler that allows quick iteration of the program development process. Generates high-quality, efficient codes. Includes "C-food Smorgasboard" of useful programming routines.
26-5254 . . . . 499.00

Macro Assembler. From Microsoft. Assembles symbolic instructions into machine code. Supports an expanded set of conditional directives. Includes capability for nesting 255 levels of conditional assembly blocks.
26-5252 . . . . 99.95

BASIC Compiler*. Translates the statements in your BASIC programs into assembly language for faster run times. You can distribute programs without source code to safeguard the design of programs.
26-5251 . . . . 299.95

*For Tandy 2000 Only. Minimum Requirement is 128K RAM

13

NEW 1200 HD–AN XT "MIRROR IMAGE"

In Compatability, Speed and Features, the Tandy 1200 HD Matches the IBM PC XT—But Costs at Least $1400 Less!

How would you like a system that does everything an IBM PC XT does—but costs at least $1400 less? The Tandy 1200 HD personal computer is compatible with virtually all software and hardware for the IBM XT. As a matter of fact, the 1200 HD is a mirror-image of the XT—except for the price tag.

We Invite Comparison— Tandy vs. IBM

A Tandy 1200 HD, a VM-3 high-resolution monochrome monitor and monochrome display adapter totals $3437. A comparably equipped IBM XT totals $4920*. Pick the 1200 HD and you save $1483!

Or compare color graphics systems. A 1200 HD with CM-2 color display and color graphics adapter is $3847.95. The comparable PC XT system is priced at $5394*. Pick the 1200 HD and save $1546!

The Tandy 1200 HD Has the Features You Demand

The Tandy 1200 HD comes standard with 256K RAM, expandable to a total of 640K. A standard parallel interface—an extra-priced option on the IBM—is included. And the 1200 HD is compatible with additional boards made for the IBM PC, and available from leading vendors.

The 1200 HD features a 360K 5¼" double-sided, double-density floppy drive, plus an internal 5¼" 10-megabyte hard disk drive. The 84-key detachable keyboard with tilt legs has the same layout as an XT, with improved placement of the shift keys.

The Best Choice in Software

Many popular MS-DOS packages are available off-the-shelf, as well as other software for the IBM PC. The 1200 HD has been certified by Lotus Development Corp. to run 1-2-3 and Symphony. Independent testing by Future Computing Inc. found the 1200 HD to be "operationally compatible with the IBM personal computer".

Tandy 1200 HD . . . Clearly Superior

With the Tandy 1200 HD, you get the same performance, same expandability and the same features as the IBM PC XT. But you get it for a lot less. U.L. listed.

Tandy 1200 HD. 25-3000 . . . . . . 2999.00

Monitors and Display Adapters

VM-3 High-Resolution Monochrome Monitor. 80 × 25 display for easy viewing of text. Features 12" green phosphor, non-glare screen. 25-3010 . . . . 219.00

Monochrome Monitor Adapter. Produces text display on the VM-3.
25-3040 . . . . 219.00

Graphics Display Adapter. Produces vivid color graphics with the CM-2 Monitor, and monochrome graphics with the VM-3 Monitor. 25-3043 . . . . 299.00

CM-2 High-Resolution Color Monitor. 26-3212 . . . . 549.95

MS-DOS (2.11)/Microsoft BASIC (2.0). Includes diskettes and user's manuals for each. 25-3130 . . . . 89.95

*Based on manufacturer's pricing as of June, 1984.

SPECIFICATIONS. Microprocessor: Intel 8088. **Clock Speed,** 4.7 MHz. **Operating System** (purchased separately): MS-DOS 2.11 with GWBASIC 2.0. **Memory:** 256K RAM, expandable to 640K. 8K ROM. Includes power-up diagnostics. Speaker included. **Keyboard:** 84 keys with improved key placement, LED indicators for caps lock and number lock, otherwise same placement and function as that of the IBM PC keyboard. Retractable legs, 6-ft. cable and tactile keyclick. **Video Display:** Either monochrome display adapter (alphanumeric text and block graphics only) for VM-3 Monitor or graphics display in color (CM-2) or monochrome (VM-3). Graphics are 320 × 200 4-color or 640 × 200 monochrome. **Disk Drives:** One 360K (formatted) full-height 5¼" drive. One 10-Mb hard disk drive. Optional expansion with peripherals from other sources. **Internal Expansion:** 5 "long" slots for cards manufactured for the IBM PC. One slot each is used for the video display adapter, floppy drive controller and hard disk controller. Includes Centronics parallel printer interface. Socket for 8087 math co-processor. **Dimensions:** 5¾ × 19 × 15⅓". Keyboard, 17¹⁄₁₆ × 17³⁄₄ × 7¹¹⁄₁₆". **Power Requirement:** 120VAC, 60 Hz.

TANDY 1200 OPTIONS AND SOFTWARE

Captain™ Multifunction Board

NEW FOR '85

795⁰⁰

AS LOW AS
Radio Shack CITILINE $36 PER MONTH

Includes a Treasure Chest of 24 Useful Built-In Programs
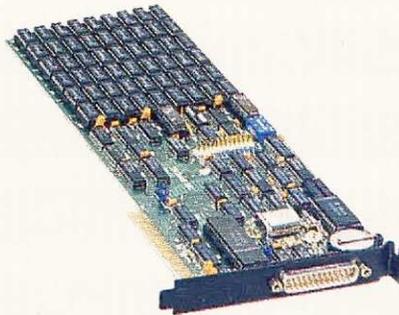
Captain Multifunction Board. Lets you add a wealth of expansions, yet takes up only one slot of your Tandy 1200 HD. Includes 384K of memory to expand your 1200 HD to 640K total. Includes an RS-232 serial port for communications and a second printer port. Also includes a real time clock with battery backup. Plus, it features 24 programs that help you balance your checkbook, create and sort a name and address file, keep an up-to-date calendar and message reminder, write memos, print personalized form letters and much more. User installable.
25-3061 . . . . 795.00

"Paint" with Amazing Graphics Master

NEW FOR '85

695⁰⁰

AS LOW AS
Radio Shack CITILINE $32 PER MONTH

Lets You Create and Print Pictures with Keyboard or Mouse
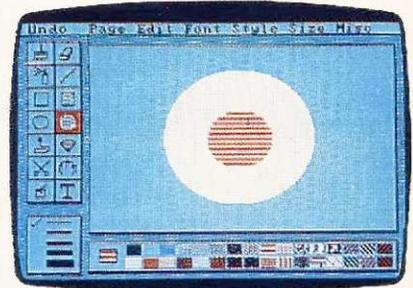
Graphics Master. Provides up to 640 x 400 resolution with 16 colors and a light pen interface. But best of all, Graphics Master includes PC Paintbrush™ drawing software that lets you get creative in a variety of typestyles—in color! Uses optional mouse (from other sources) for freehand drawing, ICONS and pull-down menus. Lets you select fonts and point size. You can also use "fat bits" to draw in detail. Requires CM-2 Color Monitor for color graphics. Supports composite monitor output, RGB and optional external modulator.
25-3044 . . . . 695.00

Framework "Idea Processor" Integrated Software

Framework. This program doesn't just process numbers—it processes ideas. Each operation is placed in a "frame" that separates it from the rest of the program. Each frame is automatically placed in an outline form, which you can modify or rearrange at any time. In other words, you can jot down notes or ideas in one frame, then create sub-frames which contain data bases, spreadsheets, graphics and reports which relate to these basic ideas. Framework also utilizes a "desktop" format that lets you view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. A built-in language lets you perform specialized operations automatically. Includes the five most needed applications in business. Requires 384K if Telecom is used.
25-3160 . . . . 695.00

NEW FOR '85

695⁰⁰

AS LOW AS
Radio Shack CITILINE $32 PER MONTH

Combines Word Processing, Spreadsheet Analysis, Data Management, Graphics and Telecommunications

Flexible, Easy-to-Use pfs:series

pfs:®

- Use Them Separately or Together
- Learning One Makes It Easy to Learn All the Others

Choose from this family of software for extremely user-friendly programs. Programs interact with each other so you only need to enter data once.

pfs:file. A very simple way to create and organize your own personalized business or personal filing system. You decide how your records are to appear by simply organizing information of "forms" that you design right on the display screen. Once you've created the basic form it's easy to store information—you just fill in the blanks.
25-3161 . . . . 140.00

pfs:report. A powerful analysis tool that creates presentation-quality tabular reports from sales, inventory and other data stored in pfs:file. Sort from any data category and calculate averages, totals, subtotals and more. Prints in alphabetical or numerical order with automatic centering and justification.
25-3162 . . . . 125.00

pfs:write. Easily create reports, letters and memos with advanced editing features. Best of all, pfs:write can use information stored in pfs:file to personalize form letters and even address the envelopes. Documents can be illustrated with charts created by pfs:graph or tables from pfs:report.
25-3163 . . . . 140.00

pfs:plan. Lets you organize a spreadsheet for planning, tracking, analyzing and reporting numerical data. You can even print a copy of your worksheet in a document produced with pfs:write. In addition, pfs:plan can read data directly from pfs:file files, and place that data in the correct locations in your worksheets.
25-3164 . . . . 140.00

WordStar Professional Word Processing

NEW FOR '85

395⁰⁰

AS LOW AS
Radio Shack CITILINE $20 PER MONTH

WordStar. An amazing value in professional-quality word processing! You can write, edit, re-arrange, repeat, insert, delete, proofread—all you need to produce professional-looking work. And WordStar has special features most other systems don't. CorrectStar feature finds mistakes and offers alternatives, simply and quickly, using both letter and phonetic analysis. MailMerge lets you address labels and produce personalized mailings, merging data from the keyboard as well as from different files. And StarIndex lets you create a reference table for your documents with up to four levels of subcategories.
25-3170 . . . . 395.00

Powerful dBASE III Data Management

695⁰⁰

- Design Your Own Information System
- "Assist" Feature Helps the New User Create Data Bases

dBASE III. One of the most powerful and versatile data base management programs ever! "Assist" feature gives you a menu-driven "shell" that helps you learn the command functions—it practically teaches you the system as you go along. You can quickly create a full business information system that will grow as you grow. Files are easy to create, sort, retrieve and edit. And you can even perform complex mathematical calculations within a file. Maximum 4000 characters per field permits large text files.
25-3190 . . . . 695.00

15

NEW! MULTI-USER TANDY 6000

TANDY'S XENIX MULTI-USER SYSTEM

Multiply Office Productivity With a 3-Workstation System!

Only **$245**   Per Month on Our Commercial Lease
(Plus Applicable Use/Sales Tax)

- Allows Three Operators to Access Programs Simultaneously
- XENIX Derived from Western Electric's UNIX System
- Specially Designed Multi-User Software Available for Accounting, Word Processing, Spreadsheet Analysis and Data Base Managment

Ideal for Small Business Applications. XENIX lets you provide the power of the Tandy 6000 to three people in your office without buying three separate systems. Think of it. Three people, all performing different tasks, at the same time, on the same computer! And with our RS-232 Card (below), up to six people can utilize the power of the Tandy 6000 (requires at least 768K memory).

A 3-User Office System for $7089. The system shown at right includes the 512K Tandy 6000 with built-in 15-megabyte hard disk drive (26-6022) and two DT-100 Data Terminals (26-6052). Best of all, this XENIX multi-user system costs much less than buying three Tandy 6000 computers!

What Makes It Possible? The XENIX runtime "core" system comes standard with the Tandy 6000. It's a state-of-the-art multi-user operating system developed by Microsoft Corp. and derived from the field-tested UNIX* operating system.

Required cables and installation not included. *UNIX is a trademark of AT&T Bell Laboratories

The Value of Shared Resources. All data is stored on the hard disk. Files can be shared by all users or restricted to certain users. (Record locking prevents two users from writing to the same record at the same time.) And everyone in the system can share the peripherals attached to the Tandy 6000.

Specially Designed Software. You can choose from a variety of multi-user software. Just think of the possibilites. Your sales department could check inventory levels while someone in accounting updates your general ledger—at the same time someone is working on payroll.

Introducing Our Deluxe Data Display Terminal

NEW FOR '85   **795⁰⁰**

- 14" High-Resolution Screen Displays 80 or 132 Columns by 26 Lines
- Low-Profile, Sculptured Keyboard with 16 Programmable Function Keys, Cursor Control Keys, and Numeric Pad

DT-100. Our best! This asynchronous terminal is fully compatible with most DEC and UNIX-based software systems. Features green display screen and a high-resolution character set (128 ASCII characters) for improved user satisfaction. Low-profile keyboard with improved key placement for greater operator efficiency. Terminal configuration is set from the keyboard and retained even when the power is off. U.L. listed. 26-6052 .... 795.00

Parallel-to-Serial Converter. Attach a parallel printer to the DT-100 when running under XENIX. 26-1198 .... 99.95

SPECIFICATIONS. Data Transfer Rate: Up to 38,400 bps. **Video Size/Format:** 24 lines (plus 2 status lines) of 80 or 132 characters. Upper and lower case. **Video Attributes:** Normal, underline, reverse and dim. **Input/Output:** One RS-232C communications port. **Power:** 120VAC, 60 Hz.

Multi-User Data Terminal

Emulates Four Popular Terminals

599⁰⁰   Our Lowest-Priced

DT-1 Terminal. Use with our multi-user Tandy 6000 or other host computers. Keyboard selectable configurations–no DIP switches. Communications protocol retained when power off. 80 × 24 display. 12¹/₂ × 18⁷/₈ × 21¹/₂". U.L. listed. 26-6050 .... 599.00

Expansion Options for Tandy 6000 and XENIX

512K Memory Kit. Expands Tandy 6000 to 1 million characters. 26-6016 ... 849.00

Model 12 to Tandy 6000 Upgrade. Includes 68000 processor board and 512K RAM board (can expand to 1 megabyte). Includes XENIX 3.0 core (700-3030). 26-6014 .... 1595.00

XENIX V 7 to 3.0 Core Upgrade. Includes hardware. 700-3031 .... 199.00*

128K Memory Board. 26-6011 .. 399.00*

128K Memory Kit. 26-6012 .... 159.00*

512K RAM Board. Card contains 512K RAM with sockets for adding another 512K. 1 megabyte total! 26-6015 .... 1095.00

TRSDOS-16 Replacement Diskette. 26-6105 .... 39.95

RS-232 Card. Allows six people (instead of three) to use the power of the Tandy 6000. Requires a minimum of 512K memory (768K recommended) and RS-232 cables. 26-6013 .... 199.00

Tandy/Radio Shack Recommendations for XENIX Memory

When running most XENIX applications software with three users, Radio Shack recommends your computer have 512K of memory. (A Model 16B can be expanded to a maximum of 768K memory and the Tandy 6000 can be expanded to a maximum of 1 megabyte of memory.) In general, the more memory your computer has, the higher the performance you will experience with our multi-user software.

*Installation Required (not included) for Model II and 16. Installation Recommended (not included) for Model 12 or 16B.

MODEL 12 BUSINESS COMPUTERS

Priced From **2799⁰⁰** 80K 1-Disk

Commercial Lease Available
For Only $100 Per Month
(Plus Applicable Use/Sales Tax)

- One or Two Built-In 1.25Mb Double-Sided, Double-Density 8″ Disk Drives
- Big 80K Memory Handles Tough Jobs Easily ▪ Upgradable to 16-Bit Power
- Detachable 82-Key Keyboard with Numeric Datapad and 8 Function Keys
- Built-In 12″ High-Resolution Monitor Displays 24 Lines of 80 Characters
- Two RS-232C Serial Interfaces and Parallel Printer Port for Expansion
- Choose Ready-to-Run Programs ▪ Compatible with Most Model II Software

What Can the TRS-80 Model 12 Do for You. The TRS-80 Model 12 is our best single-user business computer—ideal for professional applications. Its versatility and power in handling word processing, data base management, planning and forecasting, accounting and inventory tasks make it the logical business machine choice. The Model 12 is also the ideal workstation for large corporations. It can be used as a management assistant, in program development, even for bisynchronous communications with mainframe computers (see the descriptions at right). Best of all, when office needs increase, you can expand your Model 12 into a cost-effective three-user system without the expense of additional computers.

Model 12. This stand-alone multi-purpose workstation combines high power with low cost—making it an ideal business microcomputer for single-users. It has the storage capacity and expandability to make it the right computer for countless applications—whether you are using ready-to-run software or doing your own programming. The TRS-80 Model 12 has been designed especially for small businesses or departmental use in larger firms.

Accounting. Model 12 can form the heart of a superb dedicated accounting system. It can streamline general ledger, payables, receivables, inventory, payroll and other tasks for increased speed and accuracy. You'll be able to prepare P&L statements, speed up collections, improve your cash flow, analyze sales information, and more. Our user-oriented programs make it easy!

Program Development. We offer a choice of languages to meet your specific requirements. In addition to Model 12 Interpretive BASIC, we have Compiler BASIC, FORTRAN, Assembler and COBOL.

Management Assistant. Model 12 can help you with planning and forecasting, word processing, electronic filing and more. It lets you do jobs too "hot" for shared computer time or too small for cost-effective handling by your mainframe.

Easy Expansion. Model 12 can be used with a variety of peripherals. You can add hard disk or floppy disk drives, a printer, plotter, telephone modem and more. The 1-drive Model 12 is perfect for expansion to a powerful hard disk system. The 2-drive Model 12 is ideal for stand-alone use.

Complete Documentation. Includes comprehensive reference manual and a diskette that contains BASIC and TRSDOS operating system.

1-Disk Model 12.
26-4004 . . . . 2799.00
2-Disk Model 12.
26-4005 . . . . 3499.00

TRSDOS 4.2 Replacement Diskette. Includes BASIC. 26-4912 . . . . 24.95

Model 12 Specifications

Microprocessor: 4MHz Z-80A 8-bit processor. Separate keyboard and video processors. Direct memory access and vectored interrupts. **Memory:** 80K RAM. **Keyboard:** 82-key professional-type, including numeric entry keypad. Special keys include HOLD, ESCape, BREAK, CRTL, CAPS and REPEAT. Up, Down, Right and Left arrow keys. Eight programmable Special Function keys (F1-F8). **Video Display:** High-resolution 12-inch green phosphor 80 × 24 or 40 × 24 display monitor. Displays upper and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available. **Disk Drive:** One or two built-in dual-density 8″ floppies. Add up to two 1.25-megabyte external floppies and four optional 15-megabyte hard disks. **Internal Expansion:** Optional Card Cage (requires installation) for six additional plug-in card slots. **External Connections:** One standard parallel port, two RS-232C serial ports, one external disk bay port. **Dimensions:** 13¹/₂ × 21¹/₂ × 28¹/₈″. **Power Requirement:** Built-in filtered power supply for 120VAC, 60 Hz. U.L. listed.

EXPAND YOUR TANDY 6000/16/12/II

Expand Model 12 With a Card Cage
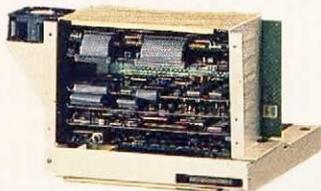
Mounts Inside the Model 12

199⁰⁰

Expansion boards not included

Allows you to tailor your Model 12 computer to the capabilities you need. Provides six plug-in slots for inserting our optional expansion boards. You can add a hard disk controller board, the Tandy 6000 Upgrade Kit, 64K Memory Board, Arcnet board, and High-Resolution Graphics Board. A door panel in back of the "cage" provides easy access. Card Cage requires installation, not included. 26-6017 . . . . 199.00

Additional Drives for Disk Expansion Bays

Increase Model II Storage Capacity

600⁰⁰

Drive Kit Only

Expand your present 1 or 2-drive expansion bay with a disk kit (requires installation, not included). A multi-drive TRS-80 Model II can handle larger applications, plus make file copying easier and faster. Each drive can store 486,000 characters of data. U.L. listed.

Disk Drive Kit. Lever, no light.
26-4163 . . . . 600.00
Disk Drive Kit. Lighted bar.
26-4164 . . . . 600.00

High-Resolution Graphics Upgrade for Model 12/II

Create sophisticated on-screen charts, graphs, geometric patterns, even animation using eleven Graphics BASIC commands. 153,600 pixels (640 × 240). Includes graphics board with 32K memory, diskette with Graphics BASIC and assembly language subroutines and user's manual. 26-4104 . . . . 499.00**

64K Memory Expansion for Model 12/II

Allows your Model II or 12 computer to generate much larger spreadsheets when using the Enhanced VisiCalc program (page 20). Added memory is not usable by all applications software. 26-4105 . . 399.00*

Internal Hard Disk Kit for Model 12/16B

Add to your 1-Disk Model 16B or 1-Disk Model 12 for fifteen megabytes of built-in storage. 26-4154 . . . . 2495.00*

Add Hard Disk Storage for a Powerful System

NEW LOW PRICE! 15-Megabyte Primary

1995⁰⁰

NEW LOW PRICE! 15-Megabyte Secondary

1495⁰⁰

15-Megabyte Systems

New Low Price! Primary Drive. Use with our multi or single-user computer systems. Most programs transfer to hard disk. Requires cable kit and installation (not included). Was $2495.00 in Catalog RSC-12. 26-4155 . . . . 1995.00

New Low Price! Secondary Drive. Requires installation (not included). Was $1995.00 in Catalog RSC-12. 26-4156 . . . . 1495.00

New! 35-Megabyte System

Get reliable, extremely fast access to 35 million characters of data. Compatible with our MS-DOS or XENIX multi-user systems only. Can be used with our 12 and 15-megabyte drives. Not compatible with our 8-megabyte hard disk. Expand with three secondary drives.

Primary Drive. Requires cable kit, installation (not incl.). 26-4171 . . . . 2995.00
Secondary Drive. Requires installation (not incl.). 26-4172 . . . . 2695.00

Hard Disk Components

Model III Cable Kit. Includes Model III LDOS. For use with 15-megabyte drive only. 26-1133 . . . . 99.95
Model 4 Cable Kit. Includes TRSDOS 6.2. For use with 15-megabyte drive only. 26-1134 . . . . 79.95
New Low Price! Tandy 6000/16/12/II Cable Kit. Req. installation (not incl.). Was $495 in Cat. RSC-12. 26-4157 . . . 349.00
Tandy 2000 HD Cable Kit. Allows use of Secondary Drives. May require installation (not included). 26-5126 . . . . 45.00
Hard Disk Fan Air Filters.
26-1363 . . . . 3/99¢

Floppy Disk Expansion for Tandy 6000/16/12
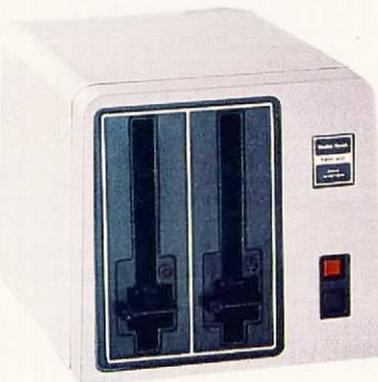
External 1-Drive Unit **1299⁰⁰**

External 2-Drive Unit **2098⁰⁰**

External Disk Drives. Increase the storage capacity of your Model 12 or 16. Double-sided, double-density, 1.25-Mb, 8" thin-line.
1-Drive Unit. 26-4165 . . . . 1299.00
2-Drive Unit. 26-4166 . . . . 2098.00

Internal Disk Drive Kit. Add a second built-in floppy disk drive to your single-drive Model 12 or 16. Requires installation, not included. 26-4167 . . 799.00

Versatile Business Graphics Analysis Program
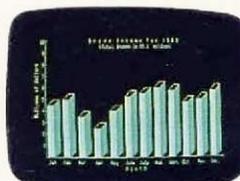
■**Easily Create a Variety of Charts and Graphs**
■**Designed For TRS-80 Model II, 12 and 16**

249⁰⁰

Just enter your data from the keyboard or disk files—and the program generates your chart. Choose from pie, bar, line or scatter charts. Your graph is immediately displayed on the video screen for editing. The program will develop settings and labels for your charts—or you can tailor them yourself. Entry, editing and format settings are a breeze because they're "menu-driven". Even perform simple arithmetic or complex trend, growth, moving average, consolidation or logarithmic operations. Updated data can be viewed before printing. Produce graphs on selected Radio Shack printers. Requires 26-4104.
26-4550 . . . . 249.00

*Installation Required (not included) for Model II. Model 12 Requires Card Cage. **Installation Required (not included) for Model II or 16. Installation Recommended for Model 12 or 16B. Model 12 Requires Card Cage. **19**

OFFICE SOFTWARE TO SAVE YOU TIME

SCRIPSIT® Word Processing

Prepare correction-free letters, memos and reports! Plain English prompts and menus put advanced editing capabilities at your fingertips and are accessed with just two keystrokes. An on-screen information line keeps track of cursor position, margins, line spacing and page number. You can define up to 20 keys to recall often-used phrases or special functions. Floating format and reverse indentation make it easy to set up tables. A Global Search feature will locate a specified word wherever it occurs in text for selective editing. You can even print one document while working on another and load ASCII text files. All documents are stored on disk for later use or revision. Includes manual and self-paced training course on audio cassettes. Easy to learn and use.

Model II Floppy Disk. 26-4531 . . . 399.00
Thin-Line Floppy, Model 12 Hard Disk.
26-4835 . . . . 399.00
Multi-User Tandy 6000 SCRIPSIT. Multiply office productivity! Allows several people to prepare documents at the same time using a Tandy 6000 multi-user system. Includes all features described above, plus enhancements for customizing your text. Global Find, Delete and Replace can search not only for a character or string of characters, but also for control characters, such as carriage returns or printer codes. An Abort function cancels any alterations to your document. SCRIPSIT supports a full complement of printing features, including proportional spacing and mixed font styles within documents. A powerful print utility allows you to queue documents one after another and print them in any order. You can even obtain subtotals, totals and averages of numerical columns automatically. 26-6431 . . . . 499.00

SCRIPSIT Spelling and Hyphenation Dictionary

This automatic "proofreader" program for SCRIPSIT checks and displays your text on the screen, highlighting misspelled words for correction. Contains over 100,000 words, abbreviations, proper names, contractions and foreign words with hyphenation points. You can add up to 2000 words that are used in your profession—medical, legal, engineering, scientific terms, etc. Requires SCRIPSIT word processing software and one additional disk drive.

Model II Floppy Disk. 26-4534 . . 199.00
Thin-Line Floppy, Model 12 Hard Disk.
26-4834 . . . . 199.00

SCRIPSIT Utilities

Allows you to move columns of text and numbers, as well as provide totals, subtotals and averages of numerical columns directly from SCRIPSIT. You can also copy often-used text stored in a special "boilerplate" utility without having to leave the document you're currently working on. A communications utility lets you transmit and receive documents to or from another Model 12 SCRIPSIT system by phone (requires modem) or directly using an RS-232C cable and a null modem adapter. 26-4532 . . . . 129.00

Only **$175** Per Month
On Our Commercial Lease
(Plus Applicable Use/Sales Tax)

This system is only $5033.00 and includes a 2-Drive Model 12 (26-4005), DWP-510 printer (26-1270) and Cable (26-4401). Ideal for word processing (software extra).

SCRIPSIT Plotter Driver

Add clarity to your text and overhead projector transparencies. Print nine character sizes in six colors. Draw boxes around your text, straight lines, underlines, superscripts and subscripts. Simple commands let you easily change character sets, determine character size, and switch color pens. Requires SCRIPSIT and Multi-Pen Plotter. 26-4536 . . . . 49.00

VisiCalc Enhanced

A spreadsheet analysis program ideal for a wide variety of planning and forecasting applications in business and engineering. VisiCalc organizes your video screen into columns and rows. You simply define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and every affected number is updated. View countless "What if . . . ?" situations in seconds. Enhancements include an entry editor for modifying formulas and labels without re-entering them, plus logical and comparison operators to perform testing and branching. 26-4521 . . . . 299.00

New! VisiCalc Business Forecasting Model

Allows you to generate financial reports based on your VisiCalc spreadsheets. Features preformatted templates for income statement, balance sheet, cash flow and financial ratios. Three supporting templates—sales and cost of goods sold, salaries, and assets and depreciation—are provided for inputting data to the four financial reports. 26-4526 . . . . 99.00

New! Formation Forms Generator

One of the best forms generation programs available! Simplifies filling out pre-printed forms. Ideal for insurance claims, loan applications and tax reports that require repetitive information, arithmetic or answering questions in illogical order. Use Formation to create your own customized forms, too. 26-4528 . . . . 299.00

Multiplan

A "Second Generation" Electronic Worksheet

A truly sophisticated, yet incredibly easy-to-use decision support tool. Multiplan lets you consolidate related worksheets so that information is transferred between them automatically. For example, your company's sales forecast can be updated automatically whenever you change the data in any worksheet containing your regional sales figures.

"Plain English" Convenience. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area, so that formulas can be expressed as "Gross Profit = Sales − Cost." If you have any questions, an On-Line Reference Guide gives you instant help. It knows where you are in Multiplan and offers information related to your problem right on the screen.

Advanced Features. With Multiplan, up to eight display windows can be created on the screen simultaneously. Sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. Cell entries can be left or right justified, and can display values in graph form or as integers. You can vary individual column widths, center numbers and text within a column and align decimals. Format reports with user-selected top, bottom and side margins, row and column numbers, and more. Multiplan can directly utilize your current VisiCalc files, too. Includes tutorial manual.

Model 12. 26-4580 . . . . 249.00
Tandy 6000/Model 16. 26-6480 . 349.00

LET PROFILE® SIMPLIFY YOUR FILING

Profile II Electronic Filing

A powerful program that lets you design your own data base and search through your records to find just the information you want in seconds. Keep track of names and addresses, bills owed and paid, personnel and customer records and much more. You specify the way your files are set up and how information appears on the screen and in printed reports. Store up to 99 data fields in a single record, and print up to five different reports for each file. Search your files by up to 36 user-defined criteria. Stores up to 3000 records with a one-disk Model 12, up to 20,000 with additional disk drives.
26-4512 .... 179.00

Profile Training. Learn how to put Profile II to work for you. Includes four audio cassettes, 96-page manual and diskette.
26-4516 .... 69.00

Profile Plus. An expanded version of Profile II. Built-in math functions do extensions, calculate taxes and totals between numeric fields automatically. "Associated" fields can be searched for "similar-type" data. An indexing system automatically organizes files in logical order for high-speed access. Selectable record lengths prevent wasted disk space and increase the maximum number of multi-segment records. User menus can be executed with a single keystroke.
26-4515 .... 299.00
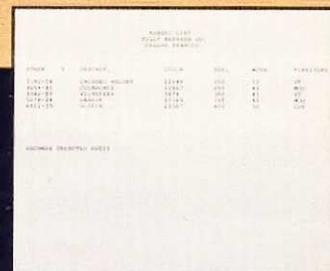
Profile Upgrade. Gives Profile II users the added features of Profile Plus.
26-4517 .... 120.00

Profile Forms. Print a detailed record on each item in your file. Requires Profile Plus.
26-4556 .... 125.00

Profile Archive. Purge inactive records and merge them into a history file. Requires Profile Plus. 26-4557 .... 49.00

Profile Prosort. Create a high-speed index to pinpoint precise information. Requires Profile Plus. 26-4558 .... 149.00

Profile Lookup. Cross reference information from five different data bases. Requires Profile Plus. 26-4559 .... 199.00

Menu Generator. Create menus in machine code for BASIC or COBOL programs.
26-4555 .... 39.00

Powerful Multi-User Data Base Systems for Tandy 6000

Profile Multi-User

Multiply office productivity! Allows several operators to access, update and use the same file at the same time. (Of course, individual records are protected from being changed by more than one person at a time.) Now you can do jobs you could never handle before: regional sales reports, cataloging, advertising and direct response sales tracking, buyers' guides and directories, tax records, insurance forms and many others.

Easy to Use. You can design your Tandy 6000 Profile system to match your present manual methods—no need to learn new procedures. And all screen prompts and menus are in plain English—no blind guesses or confusing programming terms. You can even customize your system to help your employees do jobs quickly—even automatically—with a few simple keystrokes. And you can change or expand your system at any time without having to re-enter data—Profile will rearrange your data to fit new formats. That means you can create a simple system to start, then build up to a powerful data base over time.

Tremendous Storage Capacity. You can have up to 16 million records per file, with up to 999 entry blanks (fields) and 4608 characters per record. Files can be spread across multiple hard disk drives.

Monitors Accuracy. Profile can give you the date and time of a record's last update, the operator who made the change, and other audit trail information automatically. It can watch for up to 200 data entry errors or

special cases. Password protection can also be used to prevent accidental record access, update or deletion.

"Conditional" Operations. Profile does "conditional math". For instance, "if the order is between $1000 and $4999, subtract a 5% discount; if between $5000 and $9999, subtract 10%." Other math functions include percentages, minimums and maximums, logs and anti-logs, fractions and fractional powers, and averages. Profile can do "conditional processing", too. If certain criteria are met, it does the operation; if not, it does a different operation.

Print Reports, Labels and Forms. Data to be printed can be arranged in any way you choose. Reports can be as long as 99 lines and as wide as 255 characters. Labels can be printed in one-column lists or across the page in rows.

Other Important Features. Profile can do "end-of-period" processing and produce "spin-off" files for moving data into word processing or spreadsheet programs.

Profile. 26-6412 .... 499.00

Unify Relational Data Base

Includes interactive data entry, ad hoc queries, menu handler and security system. ENTER provides full screen, interactive data entry. Type, length, range, value checks and cross file edits are supported. A query-by-forms facility allows queries to be answered simply and easily by casual users of the system. Unify SQL is a powerful rela-

tional inquiry and data manipulation language based on English keyword syntax. Its structure is easy enough for beginners to use, yet powerful enough for DP professionals. LST (Listing Processor) supports multi-line titles and column headings; built-in functions such as MIN, MAX, AVG and TOTAL; page headers and footers; level breaks; and absolute positioning of data. Simple reports can be produced with a single command using query by forms. SFORM can create a default screen to save time in development. Default screens or designs can be modified. User-defined screen prompts and editing masks are supported. Screen forms can contain multiple pages or multiple-line scrolled areas. Many different screens may be defined for each data base to provide each user his own "view" of the data. MENUH is Unify's menu handler and security system. You can protect your data through passwords and access privilege limitations at the field, record, file and menu level. Unify offers a combination of access methods. Hashing is available for primary keys; compressed B-Trees are available for secondary indexes; links are available for explicit relationships; and high-speed, buffered, sequential access is also provided. Two programming languages— C and RM-COBOL—are supported by Unify's language interface modules. Each provides the programmer access to Unify's data handling routines through his programs. Includes extensive on-line help facility. Comes with reference manual, tutorial manual and introductory booklet.

Unify. 26-6415 .... 750.00

MULTI AND SINGLE-USER ACCOUNTING

Maintain Greater Control of Your Business

Only **$215** Per Month

On Our Commercial Lease
(Plus Applicable Use/Sales Tax)

- Single-Disk Model 12 Computer
- 15-Megabyte Hard Disk ■ Card Cage
- High-Speed DMP-430 Printer and Cable

This single-user system is only $6280. Includes the 1-Drive Model 12 (26-4004), 15-Megabyte Hard Disk Drive (26-4155), Installation Kit (26-4157), DMP-430 Printer (26-1277), Cable (26-4401) and Card Cage (26-6017). Requires installation (not included).

Multi-User Software. Increase office productivity with our Tandy 6000 programs. They allow several people to perform different tasks simultaneously. Your sales department can check inventory levels while someone in accounting updates your general ledger—at the same time someone else is working on payroll.

Single-User Software. These deluxe programs can also form the heart of a superb dedicated accounting system—ideal for the small business which has one person that handles all the bookkeeping. The interactive capability of these packages allows easy, automatic update of each aspect of your firm's operation.

COBOL Query. Retrieve desired information from COBOL data files. Use Query with General Ledger (26-4601), Payroll (26-4603), Accounts Receivable (26-4604), Accounts Payable (26-4605), Order Entry/ICS (26-4607) and Sales Analysis (26-4608). Also interfaces with Multiplan (26-4580) and SCRIPSIT (26-4531 and 26-4835) Requires hard disk.
Model 12. 26-4612 . . . . 149.00

General Ledger. Interacts with Payroll, Accounts Payable and Accounts Receivable. Generates 12 reports, including Income Statement, Balance Sheet and General Ledger Worksheet.
Model 12. 26-4601 . . . . 399.00
Tandy 6000/Model 16. 26-6201 . . 599.00

Inventory Control System. Assists in cycle counting, ordering from vendors, handling partial receipts and designing reports.
Model 12. Requires two disk drives. Model 12 handles approximately 8000 inventory items per diskette.
26-4602 . . . . 299.00
Model 12 Hard Disk or Thin-Line Floppy. Up to 30,000 items.
26-4802 . . . . 399.00
Tandy 6000/Model 16 Hard Disk. Supports three users. Handles 30,000 items.
26-6302 . . . . 399.00

Payroll. Calculates and prints checks and provides distribution to General Ledger accounts. Prints federal, state and local withholding reports, W-2 forms and more.
Model 12. 26-4603 . . . . 499.00
Tandy 6000/Model 16. 26-6203 . . 699.00

Accounts Receivable. Open item and/or balance forward system to interface with General Ledger, Order Entry/ICS and Sales Analysis.
Model 12. 26-4604 . . . . 399.00
Tandy 6000/Model 16. 26-6204 . . 599.00

Accounts Payable. An accrual system that will interface with General Ledger. Reports include Vendor File, Transaction Register, Aging, Cash Requirements, Pre-Check Writing Accounts, Payable Check Register, General Ledger Distribution and Vendor Analysis.
Model 12. 26-4605 . . . . 399.00
Tandy 6000/Model 16. 26-6205 . . 599.00

Order Entry/Inventory Control System. Allows both single-pass invoicing and two-pass open order entry with separate billing. Requires and interacts with Accounts Receivable.
Model 12. Requires three disk drives or hard disk.
26-4607 . . . . 399.00
Tandy 6000/Model 16. Requires three disk drives or hard disk.
26-6207 . . . . 599.00

Sales Analysis. Examine and evaluate sales. Data is obtained from customer file of Accounts Receivable or item file of Order Entry/Inventory Control System. Shows sales activity by customer, volume, salesmaker, item and more.
Model 12. Requires three disk drives or hard disk.
26-4608 . . . . 249.00
Tandy 6000/Model 16. Requires three disk drives or hard disk.
26-6208 . . . . 399.00

Manufacturing Inventory System. Track work in progress, raw materials and finished goods. Maintain your company's inventory files in an easy-to-access format. Estimate order completion dates, labor and material requirements and more. Holds 2100 inventory items, 600 bills with 99 components each, and 200 manufacturing orders. Models 12 and 16 require two drives.
Model 12. 26-4509 . . . . 750.00
Tandy 6000/Model 16. 26-6309 . . 850.00

Single-User Software

General Ledger. Handles 504 accounts, 11,420 entries per month. Second disk drive allows update from Payroll (26-4503), Accounts Receivable (26-4504), and Accounts Payable (26-4505).
26-4501 . . . . 199.00

Inventory Management System. Handles 3000 inventory line items, 200 vendors, quantities to 999,999 and prices to $9999.99. For single-sided floppy operation only.
26-4502 . . . . 199.00

Payroll. Earning, deduction and workers' compensation categories for 200 employees. Multi-drive update to General Ledger (26-4501).
26-4503 . . . . 399.00

Accounts Receivable. Generates monthly statements and prints invoices. Multi-drive update of General Ledger.
26-4504 . . . . 299.00

Accounts Payable. Prints cash requirements, aging reports and totals, and checks. Up to 500 vendors and 3000 invoices. Multi-drive update to General Ledger (26-4501).
26-4505 . . . . 299.00

Order Entry with Inventory Control. Maintains 650 accounts and 2000 inventory items. Interfaces with Accounts Receivable (26-4504). Requires four disks.
26-4514 . . . . 199.00

Statistical Analysis. A menu-oriented data analysis program. Includes descriptive statistics, graphic histogram and more.
26-4540 . . . . 99.00

Versafile. A computerized filing system for business or personal data.
26-4510 . . . . 69.00

Tandy 6000 Software Requires Hard Disk for Multi-User Operation. Single-User Operation May Use Floppy Disk or Hard Disk.

PROFESSIONAL PROGRAMS

Model 12 Office System
Only **$190** Per Month

On Our Commercial Lease
(Plus Applicable Use/Sales Tax)

NEW! The Precedent™ Legal Accounting System. An office management program designed specifically for attorneys following standards established by the ABA Legal Economics Section. It allows total integration of Time and Billing, General Ledger, and Cash Disbursements giving you immediate access to vital client-related accounting information concerning services rendered, fees, expenses, billable and non-billable time, cash receipts, trust activity and much more. It can be used by a sole practitioner or firms with up to 50 timekeepers. You can choose from eight different billing formats containing varying degrees of detail. You can also obtain comprehensive management reports.
26-4620 . . . . 795.00

NEW! Docket Control. Avoid missed deadlines and appointments. The program accepts entry of reminder dates which occur while a case is pending. These dates can be entered individually by you or automatically calculated from user-defined models. For example, the date of death (relative day 0) begins the probate process; a death certificate must be filed within one week (relative day 7) and the will must be submitted to the probate court within one month (relative day 30). You enter the date of death and all subsequent dates are calculated and retained automatically. Docket Control may be used alone or with The Precedent Legal Accounting System (above).
26-4622 . . . . 249.00

Time Accounting. A "must" for any business that requires a detailed time analysis. Handles up to 14 professionals, 1000 clients, 500 jobs, 99 charge code categories, and 2950 transactions. Add, delete, change, list and review all information on file concerning the person who performed the work, customers, contracts and charges. Prepare billing worksheets and print statements. Model II requires four disk drives. 26-4520 . . . . 499.00

This office system is only $5533, and will run most of the software shown on this page. It includes a 2-Drive Model 12 (26-4005), letter-perfect DMP-2100P printer (26-1274) and cable (26-4401).

Litigation Support. A versatile information storage and retrieval system designed for the attorney. This docket control program helps you research articles, organize notes, and keep track of reports and correspondence. Stores up to 350 client records, with 12 pleas and 10 memos. Litigation Support also doubles as a paralegal. Just enter documents associated with a case—such as a memo, letter or conversation. Then by typing in a topic, case number or keyword, the computer displays all matching records. Store up to 575 records. Prints reports and mailing labels. Merge names and addresses using SCRIPSIT (26-4531) and an extra disk drive for form letters.
26-4545 . . . . 299.00

WESTLAW. A vast electronic legal data base accessed by phone. Enables you to research information and locate relevant cases quickly. Simple search commands reduce "on-line" time. Includes U.S. Code, Code of Federal Regulations, Federal and state case law libraries, Shepard's Citations service and more. Requires registration with WESTLAW and a 1200-baud modem (see page 27).
26-4560 . . . . 249.00

Electronic Broker. Maintains securities transaction records for stockbrokers, investment advisors, accountants and small bank trust departments. The Electronic Broker organizes your account bookkeeping with flexibility and ease. Reviews and updates security prices, market averages, stock splits, and adjustments for dividends. Builds and maintains four libraries of information—a library of up to 500 Client Accounts, a library of up to 1500 Securities, an ongoing Transactions File and a matched-off Liquidations File. The program provides accurate, well-organized screen displays and printed reports. Additionally, the program prints a posting journal and a liquidations report as an audit trail.
26-4525 . . . . 995.00

Medical Office System. Designed to provide a fast and efficient system for collecting and managing accounts receivable. It accommodates a large individual practice or a medical clinic with up to ten physicians. Handles records and billing for up to 3000 accounts and 9000 transactions per month. Features 450 procedures and diagnoses, 4 recall medications, 2 recall dates, and 2 insurance companies per patient. On hard disk, you can keep track of 64,000 patients, 64,000 transactions, 999 procedures and diagnoses. A powerful forms generator can produce any type of invoice or insurance form to match any state's requirements. The system lets you get daily recap, transaction review, aged accounts receivable, procedure and diagnosis reports. You may enter refunds, place invoices into collection, add charges to existing invoices, switch responsible parties, and add notes into a patient's file. The system provides complete audit trails and detailed reports, cutting the time you presently spend on accounting and preparing statistical reports. Zero-balance double-entry accounting maintained automatically. You can also get an amazingly complete breakdown on your office's financial status with numeric month-to-date and year-to-date totals for all categories. Use of a unique "scan" feature allows you to quickly locate patients who meet a very narrow selection criteria. Requires a minimum of two disk drives. Create customized letters and mailing labels using Profile II (26-4512) and SCRIPSIT (26-4531) and an extra disk drive.
26-4508 . . . . 750.00

Personnel Search. A program to help match employers with potential employees, so important when you have to have the right person to fit the job. Stores up to 246 records, with up to five referral and placement positions and five client contacted companies. Up to 66 character spaces are available for a description of employer benefits, and up to 227 character spaces for employee duties. Prints reports, plus two mailing labels. 26-4621 . . . . 299.00

Job Costing. Designed to aid small construction companies in the preparation of job estimates, and to enable them to accurately track the progress and cost of each job. It keeps up with your two most valuable resources—time and money. Expenses are entered as they are incurred and are posted to each task by cost category. Detailed and summary information available on each job. Job Costing can be used for internal auditing to check invoices and purchase orders, too. As jobs are completed, year-to-date profit and loss is maintained on disk. It's an invaluable tool for estimating work volume and average gross profit.
Model 12. 26-4513 . . . . 149.00
Tandy 6000/Model 16. 26-6209 . . 199.00

Model 12 Software Will Run on a Model II. Normally, Multi-Drive Software Running on a Model II Requires One More Drive than a Model 12.

MODEL 12/16/TANDY 6000 LANGUAGES

CP/M Plus. A high-performance single-user, single-tasking operating system that opens the door to thousands of non-Radio Shack programs. Compatible with CP/M 2.2 and MP/M II files.
Model 12. 26-4740 . . . . 249.00

XENIX Languages

XENIX Development System. Includes the C language and many standard UNIX utilities for developing multi-user software. With assembler, text editor, a spelling dictionary, electronic mail, sort utility and compiler generators. Requires 256K (512K recommended) and hard disk.
Model 16B.
26-6401 . . . . 750.00
Tandy 6000. (XENIX 3.0).
26-6402 . . . . 750.00

XENIX COBOL Development System. A high-level implementation of the ANSI-74 COBOL standard for minicomputers. Includes an editor, interactive debugger, a single-pass compiler, and more.
Tandy 6000/Model 16B.
26-6455 . . . . 699.00

XENIX BASIC Interpreter. Chain other MBASIC programs and pass common variables. Supports 40 significant characters for variable names, logical record lengths of up to 32K, and record locking for multi-user support.
Tandy 6000/Model 16B.
26-6457 . . . . 299.00

NEW! XVIEW. A versatile, full-screen text editor for creating and editing program source text (operating under XENIX).
Tandy 6000/Model 16B.
26-6404 . . . . 149.00

NEW! FORTRAN 77. Write and execute mainframe-level Fortran applications. Features Hollerith and hexadecimal constants, symbols of up to 31 characters and an "include" statement. Requires XENIX Development System (26-6401 or 26-6402).
Tandy 6000/Model 16B.
26-6451 . . . . 699.00

NEW! PASCAL-2. A transportable multi-pass compiler that adheres to the Pascal ISO standard while performing optimizations to generate compact, fast code. Requires XENIX Dev. System (26-6401 or 26-6402).
Tandy 6000/Model 16B.
26-6452 . . . . 699.00

NEW! Macro Assembler. An easy-to-use set of assembly language mnemonics. Macros allow you to control your output and compiler. Assemble programs which access outside data and subroutines. Requires XENIX Development System (26-6401 or 26-6402).
Tandy 6000/Model 16B.
26-6450 . . . . 399.00

FORTRAN. Complete error documentation in compiler, and hex and octal addresses for compiler listing. Includes Editor, Compiler, Linking Loader, Subroutine Library, and a Source and Listing File Print Utility. ANSI-66 standard.
Model 12. 26-4701 . . . . 299.00

Program Editor. Use with any of our Model 12 TRSDOS languages to modify source code. Easily change, delete and insert characters or lines. File record formats are selectable. Features global search.
Model 12. 26-4710 . . . . 79.00

Editor/Assembler. Quickly write, edit, test, assemble and execute programs in Assembly Language. Use with either 8080 or Z-80 mnemonics. Constants can be specified in octal, hexadecimal or binary. Line and character-oriented text editior.
Model 12. 26-4702 . . . . 199.00

Series I Editor/Assembler. Program in machine language for faster execution and more efficient memory use. Editor features line numbering and renumbering, single-letter commands and global search. Source text may be saved in disk files. Source files may be loaded together in memory.
Model 12. 26-4713 . . . . 49.95

Assembly Language Development. Five-module package includes Editor, Assembler, Linker, Debugger and File Transfer.
Model 12. 26-4712 . . . . 249.00

COBOL Development System. A high-level implementation of ANSI-74 COBOL. Features multi-keyed ISAM for quick access of data, interactive DEBUG, address stop, single and variable step display, extended ACCEPT/DISPLAY commands, full level-2 I/O commands, Editor and single-pass Compiler.
Model 12. 26-4703 . . . . 299.00
TRSDOS-16. 26-6100 . . . . 299.00

COBOL Run-Time Diskette.*
Model 12. 26-4704 . . . . 40.00
TRSDOS-16. 26-6101 . . . . 40.00

COBOL Generator. Define a complete software package and generate a COBOL source program automatically. Requires one additional disk drive and COBOL Development System (26-4703).
Model 12. 26-4707 . . . . 995.00

PASCAL MT +. A full-implementation of standard PASCAL to help you build better programs faster. A speed programming package helps you remove "dumb" errors prior to compilation, with options including editor, reformatter, syntax check, variable check and fast compiler. Automatically re-adjust indentations and margins for structured overlay capabilities, chaining, call assembly routines and supervisor calls.
Model 12. 26-4711 . . . . 425.00

Compiler BASIC. Features single-key ISAM to help organize and retrieve data, cross reference and interactive DEBUG to speed program development, easy calls to assembly language or other object programs, 14-digit floating point decimal format, full error control, complete CRT control, and single-pass compiler. (Note: For program development and not for conversion of existing software.)
Model 12. 26-4705 . . . . 199.00

Compiler BASIC Run-Time Diskette.*
Model 12. 26-4706 . . . . 30.00

BASCOM BASIC Compiler. Designed to complement the Model 12 Microsoft BASIC Interpreter. MS-BASIC Compiler can support programs written for a wide variety of microcomputers with little or no modification. Allows you to create programs that execute faster and require less memory than the same interpreted programs, in addition to providing source code security. Allows several chained programs to be supported by a main menu. Features BASRUN runtime module. BASRUN allows you to develop a system of related programs that can all be run using the same runtime environment.
Model 12. 26-4725 . . . . 199.00

CBASIC. A commercial dialect of the BASIC language implemented as a compiler/interpreter. It requires the CP/M Plus operating system (26-4740), and is designed specifically to develop business applications. Compiles source code files into pseudo-code instructions so application programs use RAM more efficiently. Maintains real numbers in BCD format to assure fractional parts of dollar amounts will be exact and ledgers will balance, and supports integer arithmetic to increase execution speed. Returns unused memory to system automatically.
Model 12. 26-4742 . . . . 99.00

TANDY 2000/6000/12 SOFTWARE
Communicate with Mainframes Using Our Protocol Packages

BIS-3270. Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard IBM bisynchronous protocol and emulate an IBM 3271/3274/3275/3276 display station and 3284/3286 printer. BIS-3270 appears to the system as a control unit with one keyboard display and one separately addressable printer. All functions of the IBM 3270 display station are supported, including bi-directional file transfer and a menu-driven configuration program. Features a modem analog loopback test, diagnostic support and full help facilities. Requires modification of the "A" serial port (extra charge). 26-4730 . . . . 1495.00

BIS-3780. Allows Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard IBM bisynchronous protocol with any IBM S/360, S/370, 30XX and 43XX host or non-IBM host that provides support for IBM 2780/3780/2770/3741 devices. Your Model 12 can function as a remote terminal or a Remote Job Entry (RJE) terminal. Supports IBM JES, RES, HASP or POWER console commands; full bi-directional transfer; print-destined and punch-destined data. Editor/Assembler (26-4702) may be required for mode configuration. Requires modification of "A" serial port (extra charge). 26-4716 . . . . 995.00

ReformaTTer. Prepare programs and data for use with IBM equipment using the Model 12. ReformaTTer handles the transfer of files between TRSDOS and IBM-compatible diskettes. It organizes data to conform to the 3741 single-density IBM format, performs optional EBCDIC/ASCII character conversion and automatically initializes diskettes to the IBM format—including all necessary fields—eliminating the need for specially pre-formatted diskettes. ReformaTTer gives you full control over all aspects of an IBM diskette, including creation/expiration date, record length, beginning of extent, end of extent, write protect, accessibility, and key bypass and verify fields. You can even examine and alter existing data on an IBM diskette directly without transferring the data to a TRSDOS diskette. 26-4714 . . . . . 249.00

NEW! Micro-SNA/3270. Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard SNA/SDLC protocol with any IBM S/360, S/370, 30XX and 43XX IBM host or non-IBM hosts that provide support for IBM 3270 devices. Your Model 12 can emulate an IBM 3274/3276 display station. Micro/SNA-3270 appears to be a control unit with one LU-2 keyboard/display. Requires modification of the "A" serial port (extra charge). 26-4717 . . . . 699.00

NEW! TELETERM. Allows your Model 12 to communicate with other computers by phone or emulate a terminal. This file and menu-driven program lets you define all system parameters and store them on disk. A different file can be defined for each system or application. 26-4722 . . . . . 225.00

New! Tandy 2000 Communications Software

Softerm 2000. A powerful communications manager. Emulates over 20 character and block-mode terminals. Includes remote file transfer and local printing of files. Supports auto-dial/auto-answer. Requires 256K. 26-5261 . . . . 195.00

CLEO-3270 Cluster Controller. Allows your Tandy 2000 computer to function as a remote IBM 3276-2 cluster controller with IBM 3287 printer attached (via a synchronous modem or modem eliminator). Your Tandy 2000 cluster can consist of up to four other Tandy 2000 computers emulating IBM 3278 display stations. Requires 256K system and Serial Expansion Board (26-5164).
26-5262 (Avail. 3/15/85) 980.00

SNA/SDLC and BIS. Communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) with any IBM S/360, S/370, 30XX and 43XX host or non-IBM hosts using standard IBM SNA/SDLC or IBM bisynchronous protocol (see individual packages at right). You get bi-directional file transfer, menu-driven configuration, modem analog loopback test, diagnostic support and full help facilities.

SNA/SDLC Protocol Packages. Requires 256K Tandy 2000 and Serial Expansion Board (26-5164). Available 3/15/85.
Micro-SNA/3270. Emulate remote IBM 3274/3276 control unit and/or 3284/3286/3287/3288 printer. 26-5263 . . . . . . 695.00
Micro-SNA/3770. Emulate remote IBM 3771/3774/3775-P1/3776/3777-1 devices. 26-5264 . . . . 695.00
Micro-SNA/Cluster. Allows Tandy 2000 to function as a remote IBM 3274/3276 cluster controller with attached IBM 3287 printer. Up to 8 other Tandy 2000 computers can emulate IBM 3278/3279 display stations. Requires a second Serial Expansion Board when using more than 4 terminals.
26-5265 . . . . 1390.00

Tandy 2000 Serial Expansion Board. Four serial channels with connectors.
26-5164 (Avail. 3/15/85) 325.00

Bisynchronous Protocol Packages.
BIS-3780. Emulate IBM 2780/3780/2770/3741 devices. MS-Assembler (26-5252) may be required if mode reconfiguration is needed. 26-5258 . . . . 695.00
BIS-3270. Emulate IBM 3271/3274/3275/3276 display station and 3284/3286 printer. 26-5259 . . . . 695.00

Access Mainframe Data Using Your Computer

NEW for '85 **995⁰⁰**

- Lets Your Computer or Terminal Access IBM Host Computers
- Works in BSC, SNA/SDLC or Channel Attachment Operations

T-1000 Protocol Converter. A microprocessor-based unit that allows your computer to emulate an IBM 3278-2 or access an asynchronous host. For dual host access, your computer connects to the T-1000's terminal port, an IBM 3274/3276 cluster controller connects to the T-1000 coax port, and an asynchronous host connects to the T-1000 auxiliary port. A single keystroke lets you switch between the coax mode (for 3278-2 emulation) or the pass-thru mode (for asynchronous communications). The auxiliary port also supports a modem for access to remote asynchronous computers. Supports two internal screen buffers. One receives signals from the 3274/3276 cluster controller. The second holds the current contents of the terminal screen. Software updates the screen by comparing buffers. Requires terminal emulation software, such as Softerm 2000 (26-5261). U.L. listed. 26-1169 . . . 995.00

25

VIS AND LOCAL AREA NETWORKS
VIS™—Radio Shack's Videotex and Office Information System

Typical VIS Installation

Information Providers   **System Operator**   **Information Consumers**
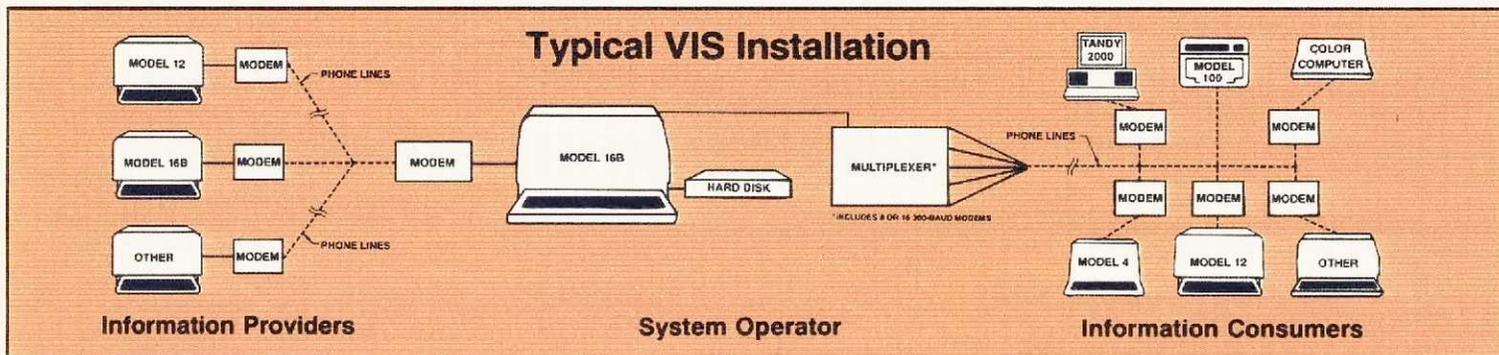
- Retrieve Information Using Menus, Keywords or Synonyms
- Tolerant of User Mistakes—Even Accepts Misspelled Words
- Most Any Terminal or Computer Can Access VIS Databases
- Store, Retrieve and Distribute Text, Programs and Graphics
- Use VIS as a Private or Public Information Delivery System
- VIS Allows for Both Access and Document Level Security

Videotex and Office Information System (VIS). A revolutionary "Host" Videotex Program for storing, retrieving and distributing information. VIS offers state-of-the-art technology at prices that are well below comparable systems. In fact, some features are not available on other systems at *any* price.

A Closer Look at VIS. VIS, as with all videotex systems, is a two-way interactive system that transmits electronic information directly to information consumers. With VIS, "information consumers" may be a select group, the general public, or both. Any terminal or computer with communications capability can be used to receive and display text. The "information providers" establish and organize the data. An information provider could be a real estate organization, insurance company, major

corporation, or anyone with information to be distributed on a timely, cost-effective basis. Central to VIS information distribution is the "system operator", who maintains the VIS system for either a single or for multiple information providers.

Using VIS as a Corporate Information Tool. VIS can meet the requirements of an information storage and delivery system within your company's internal operations. Using your office computer, home computer or a portable terminal, VIS lets you check factory orders against usable inventory, corporate sales figures, or any information required for higher efficiency and productivity.

Using VIS for Public Information. VIS can be used as a "public" information base in which paid subscribers are allowed access

to airline schedules, real estate directories and credit bureau information are just a few of the services possible.

Retrieving Information Is Easy. The information consumer simply enters a request—using a document title or "keyword"—on a computer or terminal. VIS receives the request, retrieves the desired information and formats it to the computer or terminal. Then, the information is transmitted one screen at a time.

VIS Software. 26-6470 . . . . 3500.00*
VIS Multiplexer Software. (Requires 26-6470.) 26-6471 . . . . 1000.00*
VIS IP Manual. 26-6473 . . . . 35.00
VIS User Manual. 26-6474 . . . . 10.00
8-Line Multiplexer. 71-3000 . . . 6000.00*
8-Line Multiplexer Upgrade Kit. (Requires 71-3000.) 71-3001 . . . . 2000.00*

Local Area Networks Make Data Sharing Easy and Affordable

Local area networks provide two or more computer users with access to common resources. This allows users to share programs and data, as well as expensive peripherals like hard disks and printers. Networks help you control costs as your computing needs expand.

Typical ViaNet Configuration
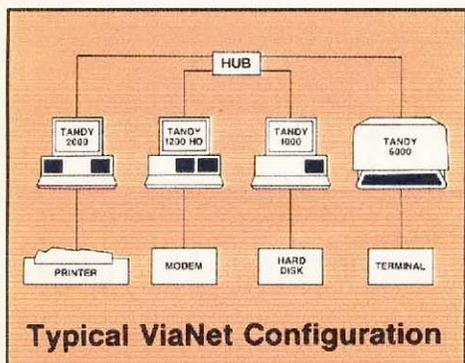
Versatile ViaNet™ Network

ViaNet makes all resources on the network available to each user. With ViaNet, users may easily and quickly share programs, data and such costly resources as letter-quality printers, plotters, hard disks or modems. The software is resident at each station, so the network operates as a global supervisor, without requiring a "master"

station. Most important, all of these operations are entirely transparent to users. Operating system commands work precisely the same under ViaNet as in a standalone environment. Each computer in the system is connected to a "hub" with coaxial cable (below). Vianet boards include software and user's guide. Installation recommended (not included). ViaNet requires 128K more RAM than is required for applications.

Tandy 2000 ViaNet Board.
26-1220 (Avail. 2/28/85) 499.95
Tandy 1200/1000 ViaNet Board.
26-1221 (Avail. 2/28/85) 499.95
Tandy 6000 ViaNet Board
26-1223 (Avail. 3/31/85) 499.95
ViaNet Administrator's Guide.
26-1222 . . . . 19.95
Network Applications Design Reference. 26-1224 . . . . 14.95

Arcnet for Model 12/II

Lets you link Radio Shack Model 12 and II computers for effective, large-scale operations. Two workstations—called applications processors—can be connected via a "hub" and coaxial cable (right) to share the large hard disk file of the third computer—known as the file processor. To expand, just plug in another applications or file processor.

Arcnet Board. Includes Applications Processor software and user's guide. Installation required (not included).
26-6501 . . . . 399.00
Arcnet File Processor Software. Includes software, operation manual and system manager's manual.
26-6502 . . . . 499.00
16K Z-80 Memory Expansion Board. For Model II previously not used with hard disk.
26-6503 . . . . 189.00

Network Hardware

Active Hub. Lets you connect 8 computers up to 2000 feet away. Active Hubs can be linked. 26-6508 . . . . 999.95
Passive Hub. Connects 4 computers to active hub up to 200 feet away. Two passive hubs cannot be connected in series.
26-6504 . . . . 79.00
Coaxial Cable. RG62 with BNC connectors on each end.
20 Ft. 26-6510 . . . . 15.95
50 Ft. 26-6511 . . . . 24.95
100 Ft. 26-6512 . . . . 39.95
Bulk. 26-6513 . . . . Per Foot/21¢
BNC Fitting.
278-104 . . . . 2.39
BNC/BNC Coupler.
278-115 . . . . 1.99

VIDEOTEX SOFTWARE AND MODEMS
Access Information by Phone with Videotex Software

CompuServe Information Service

Get "on line" with this exciting information service—and the first hour is free! CompuServe offers local, national and international news (read headlines before they've gone to press!), weather and sports from major newspapers like *The New York Times* and *The Washington Post*, plus the full newswire service of the Associated Press. Get historical information and updates on over 32,000 stocks, bonds and securities. There's also a home and educational reference service, computer games, Radio Shack's own Computer Bulletin, and much more. Send and receive "electronic mail", get 16K of RAM workspace and 128K of disk storage for your own use and much more! All this available at CompuServe's low hourly rate (additional charges for some services).

Dow Jones News/Retrieval

A "direct line" to Wall Street—and the first hour is free! Dow Jones News/Retrieval gives you current market quotes (subject only to the mandatory 15-minute delay) on all stocks, bonds and options traded on the major exchanges—plus selected U.S. Treasury issues. Detailed financial statistics compiled by Media General Financial Services are available for all NYSE and AMEX traded companies. There's also "electronic editions" of *The Wall Street Journal*, *Barron's* and the Dow Jones "Broadtape"—as recent as 90 seconds and as far back as 90 days.

Low-Cost Videotex Packages

Videotex software packages allow access to national information networks and data bases using your computer and an optional-extra telephone interface. Simply dial a phone number (usually local), press a few keys and the desired information appears on your screen.

Everything You Need

Each easy-to-use package includes a Videotex software manual, CompuServe manual, ID number and password, and a Dow Jones manual and password. You also get one FREE hour on both the CompuServe and Dow Jones networks! After that, you'll be billed at their low hourly rates.

Color Computer Package.
26-2222 . . . . 29.95

Universal Sign-Up Kit. No software included. Intended for use with your software or terminal. 26-2224 . . . . 19.95

Videotex Plus

A powerful and sophisticated communications package for your disk system. Videotex Plus lets you communicate with any computer information service (with the same communications protocol as Videotex), such as CompuServe and Dow Jones New/Retreival. It's simple to use, yet loaded with features to help you minimize connection time. There's even an option that lets you use the auto-dial feature found on many telephone modems, including our Direct-Connect Modem II (26-1173) and the high-speed DC-2212 Modem (26-1176). Videotex Plus also includes on-screen editing for tailoring the auto log-on sequence to your particular needs.

Model I/III Package. I/III Ⓐ Requires telephone modem. Includes one free hour on CompuServe and Dow Jones.
26-1588 . . . . 49.95
Model 4 Package. 4 Ⓔ Same as above.
26-1598 . . . . 49.95
Model II/12 Package. Same as above. 26-4721 . . . . 49.95
Tandy 2000 Package. Same as above.
26-5260 . . . . 49.95
Tandy 1000 Package. Same as above.
25-1150 . . . . 49.95

Executive Information Service

This new information service from CompuServe gives you an easy and efficient way to get the precise information you want for your business and personal needs. Get current and historical stock prices on over 50,000 securities, corporate financial history and future earnings estimates, key demographic data and statistical tools, plus business information and news wires. You also get electronic mail, conferencing and professional forums, airline schedules, electronic banking, shop-at-home and much more. Includes two hours of connect time for any time of day and user's guide. You will then be billed by low monthly rates. Requires modem and Videotex.
26-3848 . . . . 89.95

Data Communications Modems

99⁹⁵   [A]

NEW FOR '85

119⁹⁵   [B]

199⁹⁵   [C]

- 300 Baud ■ Full Duplex
- Originate/Answer Modes

A modem translates the electronic impulses that make up computer information into tones that can be sent over telephone lines. Our modems can be used with any RS-232C-equipped computer. Bell 103 compatible. FCC registered. U.L. listed AC power module.

[A] **Direct-Connect Modem I.** Plugs directly into modular phone outlet. DB25 and 4-pin DIN connectors. 2 × 6¹/₂ × 7¹/₂".
26-1175 . . . . 99.95

[B] **NEW! Acoustic Coupler AC-4.** Accommodates round or square phone handsets. Dial desired number and place handset on interface. Also half duplex. 2³/₈ × 4³/₄ × 10¹/₄". 26-1179 . . . . . . 119.95

[C] **Auto-Answer, Auto-Dial Direct Connect Modem II.** Fully programmable. Automatically dials and answers phone, receives and transmits data, even hangs up phone. Remote and local test modes. Also half duplex. With modular phone plug. 2 × 6¹/₂ × 7¹/₂".
26-1173 . . . . 199.95

Price Breakthrough! High-Speed Modem

NEW FOR '85 **399**⁹⁵

AS LOW AS
$20 PER MONTH

Automatically Selects 300/1200 Baud Data Rate

DC 2212 Modem. High-speed transmission cuts long-distance costs to save you money! Automatically dials and answers phone, receives and transmits data, hangs up phone. Easy-to-use, menu-driven. Direct-connect, Bell 212A-compatible asynchronous or synchronous operation. Compatible with any RS-232C-equipped computer. FCC registered. U.L. listed. 26-1176 . . . . 399.95

RS-232C Selector Switch

149⁹⁵

Connect Up to Three RS-232C Devices

SW-303. Connect any three RS-232C devices to your computer. There are two switched ports for modems, digitizers, plotters and more—one configurable port for communication between two computers. U.L. listed AC power module. Cables not included.
26-1499 . . . . 149.95

Use Modems only with Bell-compatible equipment. Direct-connect modems are not for multi-line use without optional-extra controller.

MODEL 4 PERSONAL COMPUTERS

64K 2-Disk
With RS-232C

1299⁰⁰
AS LOW AS
Radio Shack CITILINE Your Credit Card
$59 PER MONTH

64K 1-Disk
Without RS-232C

1099⁰⁰
AS LOW AS
Radio Shack CITILINE Your Credit Card
$50 PER MONTH

- Self-Contained Desktop Unit ▪ 80 × 24 Display
- Typewriter Keyboard ▪ 12″ Green Screen
- 64K Memory—Expands to 128K ▪ Numeric Keypad
- RAM-Based Disk Drive ▪ Parallel Printer Interface
- CP/M Plus Compatible ▪ Runs Model III/4 Software

What the TRS-80 Model 4 Can Do for You. The Model 4 is the perfect computer for busy managers, professionals, educators, and home computer users. Because a huge ready-to-run software library is currently available, Model 4 can be used for forecasting, word processing, data base management, computer assisted instruction, program development and for thousands of other applications. The TRS-80 Model 4 expands easily to meet your growing computing needs, too.

TRS-80 Model 4. Compare the features of the Model 4 personal computer to any other computer in its class. For power, versatility and convenience, you'll find Model 4 is a true price breakthrough!

Software Flexibility. Model 4 can run all Model III TRSDOS and LDOS programs (in Model III mode). That means a large software library is already available, and Model III owners can upgrade to a Model 4 without making their present software obsolete. In addition, Model 4 is compatible with the CP/M Plus operating system giving you even more application programs from which to choose.

Easy to Use. Simply add ready-to-run programs for word processing, spreadsheet analysis, data base management and much more and Model 4 is ready to go to work. The 2-disk model provides 368K of disk storage (184K each) and has a built-in RS-232C Serial Interface to access information networks by phone (requires modem and cable). Three programmable function keys let you take advantage of program-designated operations.

Advanced Features. The TRSDOS 6 operating system allows you to turn extra memory into a superfast disk drive. This "MemDisk" feature allows for keystroke-quick responses instead of time-consuming disk access. A software print spooler lets you print one job while working on another. You can custom-tailor print-outs with the forms command. A Job Control Language makes it possible to set up a whole series of operations that Model 4 can perform unattended. A host/terminal package makes computer communications easy. There are more features for serious programmers, too, such as routing, linking and filtering. Add our Double Duty utility (26-2231) and you can load two different application

programs at once and move back and forth between them.

Complete Documentation. Model 4 comes with Microsoft Disk BASIC and TRSDOS 6 operating system, an owner's manual, reference card, programming manual, and an introductory booklet to help start you computing immediately. U.L. listed.

64K 2-Disk. 26-1069 . . . . 1299.00
64K 1-Disk. As above, but without RS-232C. 26-1068 . . . . 1099.00

SPECIFICATIONS. Microprocessor: 4MHz Z-80A (2 MHz in Model III mode). **Memory:** 14K ROM, 64K RAM expandable to 128K (provides for disk drive emulation in RAM). **Keyboard:** 70-key typewriter-style with datapad, plus control, caps and 3 programmable function keys (F1, F2, F3). **Video Display:** 80 × 24 (Model 4 mode), 64 × 16 (Model III mode), or double-width 40 or 32 characters per line. Upper and lower case and reverse video (Model 4 mode). 96 text, 64 graphics and 96 "special" characters. **Language:** Microsoft 5.0 BASIC. **Sound:** Obtainable from BASIC. Toggled "keyclick". **Disk Drives:** One or two built-in double-density 184K 5¼″ drives. **External Connections:** Cassette operation at 500/1500 baud. Parallel printer port. RS-232C serial port (2-Disk version only). Buffered input/output bus. **Dimensions:** 12½ × 18⅞ × 21½″. **Power:** 120VAC, 60Hz.

MODEL 4P PORTABLE COMPUTER!

A Portable Version of Our TRS-80 Model 4

1299⁰⁰

AS LOW AS $59 PER MONTH

- **Totally Software Compatible With All Model 4 TRSDOS Programs**
- **9" High-Resolution 80 × 24 Display**
- **Two Built-In 184,000-Character Double-Density 5¼" Disk Drives**
- **Built-In RS-232 Interface**
- **64K Memory—Expandable to 128K**
- **Parallel Printer Interface**
- **Typewriter-Style Keyboard with 12-Key Numeric Keypad**
- **Expand with Optional Built-In Modem, External Hard Disk Drives, Graphics and CP/M Plus Operating System**

TRS-80 Model 4P. Get the versatility of our popular TRS-80 Model 4 desktop computer in a compact system. The Model 4P is easy to carry—weighs just 26 pounds—and it's small enough to stow in overhead luggage racks on planes, trains or buses. High impact ABS case with a built-in carry handle. U.L. listed. 26-1080 . . . . 1299.00

Model 4P Modem Board. Direct-connect auto-dial/auto-answer 300 bps modem features full/half-duplex and originate/answer modes. Compatible with our Direct-Connect Modem II (26-1173). User installable. 26-1084 . . . . 149.95

Model 4P Travel Case. Heavy-duty black vinyl case (shown above in use) resists scuffs and tears. Foam-padded bottom protects against drops. Inner pocket for manual and diskettes.
26-1085 . . . . 24.95

Increase the Versatility of Your TRS-80 Model 4/III/I Computer

Expansion Options

Model 4 Internal Drive 0. Includes a 184K, 5¼" double-density disk drive with TRSDOS 6 operating system, Disk BASIC and manual. 26-1127 . . . . 499.95*

Model III Internal Disk Drive 0. Includes TRSDOS, Disk BASIC and manual.
26-1162 . . . . 499.95*

Model III/4 Internal Drive 1.
26-1163 . . . . 239.95*

External Disk Drives. Each drive adds 184K of data storage to your Model III or 4. Uses 40-track 5¼" diskettes. Internal Drive #0 required. U.L. listed.

Drive 2. 26-1164 . . . . 319.95

Drive 3. 26-1161 . . . . 279.95

Model 4 64K RAM Kit. Expands 64K Model 4 to 128K. Required for Model 4 cassette-to-disk upgrade. Extra memory not accessible by BASIC. 26-1122 . . . 79.95*

Model 4 Upgrade Kit. Converts Model III disk computer to a Model 4 disk system (except for cabinet). Includes new keyboard, 64K RAM, TRSDOS 6 diskette with Disk BASIC. 26-1123 . . . . 799.95*

Model III/I 16K RAM Expansion Kit.
26-1102 . . . . 49.00*

Model III BASIC and 16K RAM Kit. Upgrades 4K Level I to Model III BASIC. For Model III only. 26-1121 . . . . 149.00*

Level I to II ROM Upgrade. For 4K or 16K Model I. 26-1120 . . . . 75.00*

Model I Numeric Keypad Kit.
26-1103 . . . . 39.00*

Model I 16K RAM and Keypad.
26-1101 . . . . 80.00*

*Installation required (not included)

Communications Hardware

Model III/4 RS-232C Serial Communications Board and Cable. Allows you to communicate with information networks and other computers by telephone. Send/receive electronic mail, access bulletin boards and much more. Requires modem and software. Installation required (not included).
26-1148 . . . . 99.00

Model I RS-232C Interface Board. Requires Expansion Interface.
26-1145 . . . . 99.00

Add High-Resolution Graphics to Your Model III/4

Model 4 High-Resolution Graphics*. An easy way to create business graphs, tables, charts, maps, animation and more. Uses just 11 Graphics BASIC commands. 640 × 240 resolution. Requires a minimum 64K 1-Disk Model 4. 26-1126 . . . 249.95

New Low Price! Model III High-Resolution Graphics*. Requires 48K 1-Disk Model III. Was $369.95 in RSC-12. 26-1125 . . . . 179.95

Cassette Recorders for Loading and Storing Software

NEW! CCR-82. Our most compact, lowest-priced recorder. Features volume control with preset and monitor switch. 7⅛ × 4¹¹/₁₆ × 1⁵/₁₆". Requires four "AA" batteries or AC adapter (not incl.). 26-1209 . . 49.95

CCR-81. Works on AC or four "C" batteries (not incl.). With battery/record LED. 10½ × 5¾ × 1¹³/₁₆". U.L. listed.
26-1208 . . . . 59.95

Model III/4 Hard Disk Kit

Add 15 million characters of storage. Compatible with most Model 4/III software. Each kit includes cable, software and manuals for use with our 15-Megabyte Hard Disk System (26-4155, page 19). Requires 48K 1-Disk Model III or 64K 1-Disk Model 4.

Model III Kit. Includes Model III LDOS operating system. Can be used for split disk operation. 26-1133 . . . . 99.95

Model 4 Kit. Includes Model 4 TRSDOS 6.2 operating system and manual.
26-1134 . . . . 79.95

NEW FOR '85

CCR-82

49⁹⁵

MODEL 4/III/I BUSINESS SOFTWARE

Interactive Programs to Streamline Accounting

199⁹⁵ Each

- Get Increased Speed, Efficiency and Accuracy with Computerized Bookkeeping
- Interactive Programs Give You Greater Control

Team Up These Programs for Super Efficiency

General Ledger. III/4 Ⓓ Makes small business accounting procedures faster and easier. Maintains accurate records of all bookkeeping transactions and provides a balanced ledger. Use General Ledger alone or interface with the Accounts Receivable, Accounts Payable and Payroll programs for a complete, interactive accounting system. Handles up to 100 accounts and 1150 monthly transactions. Generates easy-to-read financial reports, including Trial Balance (with or without a worksheet), Income Statement, Balance Sheet, General Ledger, Account List with all accounts (or a specified range of accounts) and their current-period and year-to-date balances, Posted Transactions Report and Unposted Transactions Report for the current period. Computes up to five levels of totals and two levels of headings for financial statements. Provides each account's end-of-period balance for the previous fiscal year's 12 periods, as well as each account's end-of-period balance for all complete periods of the current fiscal year. Lets you compare current year figures with previous year figures on the same balance sheet or income statement. 26-1540 . . . . 199.95

Accounts Receivable. III/4 Ⓓ A balance forward system which provides rapid and accurate monitoring of sales and incoming funds. Interfaces with General Ledger above—all transactions are summarized and the totals are automatically posted to General Ledger. Offers seven standard General Ledger accounts, plus 10 user-definable accounts. Handles up to 2000 transactions per month with up to 150 customers on file. Reports include Unposted Transactions, Posted Transactions, Customer List, General Ledger Account List and Aging Report on selected customer accounts. Offers optional use of minimum payment amount on statements, and optional late charge processing (compounding option also available). You can print mailing labels, statements, an Aged Trial Balance for audit purposes and a General Ledger report. 26-1541 . . . . 199.95

NEW! Invoice Writer. III/4 Ⓓ Provides a rapid and accurate method of creating invoices using the up-to-date information contained in the Accounts Receivable system. Automatically computes taxes and discount rates that are defined by you. Requires Accounts Receivable (above). 26-1544 . . . . 49.95

Accounts Payable. III/4 Ⓓ Automatically posts transactions and payments to General Ledger program. Handles up to 1100 transactions, 75 vendors, five General Ledger expense distributions per invoice and 14 invoices per check. Includes four General Ledger accounts, plus 10 user-definable accounts. Calculates due dates, discount dates and discount amounts by vendor payment terms.

Prints Unposted Transactions List, Transaction Posting Report, Vendor List, Open Items List, Cash Requirements Report, Vendor Mailing Labels, G/L Account List, G/L Distribution Report, Check Review Report (for verification before check printing), Checks, Check Register and Payment Posting Report. 26-1542 . . . . 199.95

Payroll. III/4 Ⓓ Tracks earnings, deductions and taxes for each employee, as well as employer contributions such as FICA, FUI, SUI and more. Interfaces with the General Ledger program. You can customize your system in accordance with local, state and federal tax laws. Processes up to 80 employees, each with up to nine earnings and nine deductions categories. Handles payroll tasks for up to three states simultaneously. Earning/Deduction types allow changing amounts for employees, taxed or exempt. Also define categories for FLSA and EEOC reporting, keep historical records by period, quarter and year, and more. Print payroll checks with optional printer. 26-1543 . . . . 199.95

NEW! W-2 Writer. III/4 Ⓓ For use with the Payroll system above. Using the information already collected on the Payroll data diskette, W-2 Writer saves you time by printing W-2 forms customized to fit your needs. 26-1539 . . . . 49.95

NEW! Inventory Control. 4 Ⓕ Designed to make inventory control easier and more accurate. Produces a reorder report showing items below designated reorder level, plus an on-hand listing of items. Prints ten major reports, plus nine custom reports designed by you. Prints purchase orders and labels. Allows physical inventory count to be taken by cycle and lets you automatically reorder stock. Provides customized reports using the SORT utility. Processes up to 100 vendors, 50 purchase orders, 1200 inventory items and 350 purchase order line items. 26-1545 . . . . 199.95

(Note: Three disk drives required to interface programs. All programs require a printer capable of printing 132 columns or an 80-column printer capable of printing 132 columns in condensed format.)

NEW! COBOL Query. Now Model 4 owners can retrieve desired information from COBOL data files. Enter a query by specifying the file and fields from which you want to retrieve data and the selection criteria (if any). Query scans the data file and selects the records. The information can then be displayed on the screen or printed. You can also design reports by entering the title, column headings and widths. Use Query with General Ledger, Payroll, Accounts Receivable, Accounts Payable and Inventory Control. Query can also interface with Multiplan and SCRIPSIT. 26-2026 . . . . 149.95

More Quality Disk Programs for Business People and Managers

NEW! Apartment Management System. An efficient and easy-to-use system designed to provide property owners and managers with rapid and accurate monitoring of apartment complexes. Maintains a history of prior payments for each apartment. Divides monthly rental charges into user-defined categories. Produces many financial and problem reports on request. Provides a printout of all transactions that can be used as an accounting audit trail. Provides month-end income totals. Maintains a history of repair orders and other notes regarding maintenance on apartments. Stores up to 450 apartment units on each diskette. Prints mailing labels. Requires Model 4 with three floppy drives or Hard Disk. 26-1538 . . . . 299.95

Business Checkwriter™. III Ⓓ Ideal for small business! You get a check writer, a detailed check stub for paying multiple invoices, and a bank reconciliation system. Handles multiple accounts individually,

100 payees, 100 expense categories and 375 total checks and deposits per period. Records handwritten checks and multiple daily deposits. Maintains current bank total. Check stub details discounts and expenses. Prints checks, detailed stubs, check register, expense and payee-to-date summaries, payee lists and expense list. Requires printer. 26-1585 . . . . 149.95

Real Estate Finance. III Ⓓ Ideal for the agent, investor, broker, lender or appraiser. Features Complete Mortgage, Equity, Present Worth and Building Developmental Analyses, as well as Rate of Return, Income and Expense Projections and more. 26-1579 . . . . 99.95

Manufacturing Inventory Control. I/III Ⓑ Handles up to 1900 raw materials, up to 20 finished goods per diskette. Prints bill of materials, material requirements, pull sheets, finished goods list, inventory worksheets, "where used" reports and more. 26-1559 . . . 199.95

DISK SOFTWARE FOR MODEL 4/III/I
Powerful Data Base Management Systems for Your TRS-80

Profile® 4 Plus Filing System

NEW FOR '85 **249⁹⁵** **AS LOW AS $20 PER MONTH**

4 Ⓓ Create your own personalized electronic filing system! Profile 4 Plus offers you many possibilities for manipulating data you enter. You can store almost any type of information, then retrieve it at the touch of a key. Managers can keep track of price lists, business inventories, vendor and customer records, personal projects and more! And this enhanced version of Profile for the Model 4 has many new features that make it easy to develop your own specialized system. A full-screen Define Files program makes it easy to create and change fields, even after the file is expanded. Sort and select records by any field in any segment of the file. And sorting is extended over all available disk space—not just RAM. Features indexing for faster sorting and selection. Sort by up to five fields—in ascending or descending order—to a maximum of 85 characters. And you can select records using up to 16 different search criteria. Mass operations are accessed via indexes, as well as the regular scan operation. Indexes for report and label printing, and SuperSCRIPSIT and VisiCalc selections. A built-in math package can perform arithmetic operations—such as calculating taxes, extensions and totals—among several fields and then update another field automatically. Stores up to 700 records of 255 characters in length on a 2-disk data base, 2900 with 4 disks. Create up to 36 different reports and 36 different sets of mailing labels for each file. Design reports and labels up to 200 characters across and 99 print lines down. Up to ten different screen formats for each file. Up to 36 SuperSCRIPSIT and VisiCalc spin-off file formats per file for reports and form letters. Comes with easy-to-understand tutorial manual.
26-1635 . . . . 249.95

Spreadsheet Analysis Programs

Enhanced VisiCalc

4 Ⓔ This versatile management and engineering planning tool takes advantage of Model 4's 128K memory capacity and 80 × 24 display screen to handle large problems. You simply define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly updates every related number! You can view countless "what if . . . ?" situations in seconds. Enhancements include an entry editor to modify formulas and labels without re-entering them, and logical and relational operators to perform testing and branching. Optional printer allows printing of any portion of your worksheet.
26-1520 . . . . 99.95
Enhanced VisiCalc. III Ⓒ All the features of the Model 4 version (above) except screen display is 64 × 16 and memory capacity is 48K.
26-1569 . . . . 99.95

New! Multiplan

4 Ⓔ An incredibly easy-to-use decision-making tool that now supports 128K memory for larger spreadsheets. Multiplan lets you consolidate related worksheets so that information is transferred between them automatically. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area. If you have any questions, an On-Line Reference Guide knows where you are in Multiplan and offers information related to your problem. With Multiplan, up to eight display windows can be created on the screen simultaneously. Sorting can be performed in alphabetical or numeric order. Vary individual column widths, center numbers and text within a column and align decimals. Format your own reports, too. Multiplan can also directly utilize your current VisiCalc files. Includes tutorial manual.
26-1530 . . . . 199.00

Target PlannerCalc

4 Ⓔ An easy-to-use electronic spreadsheet for the TRS-80 Model 4. See page 32 for complete program description.
26-1512 . . . . 99.95

Profile Plus

Profile III Plus. III Ⓓ Stores up to 700 records of 255 characters in length on a 2-disk data base, 2100 with 4 disks. Create 99 fields per record.
26-1592 . . . . 199.00
New Low Price! Profile. I/III Ⓐ Was $79.95 in Cat. RSC-9.
26-1562 . . . . 39.95
Hard Disk Profile III Plus. III Ⓒ Designed for hard disk users. Increases the number of records in your system and offers extra sorting features. 26-1593 . . . . 299.00

pfs:file

pfs:file. 4 Ⓔ See page 32 for complete program description.
26-1518 . . . . 124.95
pfs:file. III Ⓓ Contains all the features of the Model 4 version, but adapted for the Model III (64 × 16 display).
26-1515 . . . . 124.95
pfs:report. 4 Ⓔ Produces presentation-quality tabular reports from files created with pfs:file. Sort from any data category and calculate averages, totals and more. Prints in alphabetical or numeric order. Automatic centering and justification.
26-1517 . . . . 99.95
pfs:report. III Ⓓ Same as above, but adapted for the Model III.
26-1516 . . . . 99.95

SCRIPSIT® Word Processing

SCRIPSIT. 4 Ⓔ See page 32. 26-1596 . . . . 99.95
SCRIPSIT. I/III Ⓐ 26-1563 . . . . 99.95

SCRIPSIT Spelling Dictionary

NEW! 4 Ⓔ Automatically checks text prepared with SuperSCRIPSIT for misspellings. Contains 73,000 words. Add your own user list, too. 26-1600 . . . . 99.95
SCRIPSIT Spelling Dictionary I/III* Ⓓ For text material prepared with SCRIPSIT, SuperSCRIPSIT or ASCII files. 26-1591 . . . 99.95

SuperSCRIPSIT®

4 Ⓔ Our most powerful word processing program, with all the features of Model 4 SCRIPSIT (see page 32) and more. Includes true proportional-spaced printing, multiple line spacing (including half-space), and "save and recall" multiple paragraph formats. Displays full 80 × 24 format with reverse video to help in editing. Features align tabs, automatic pagination and user definable print codes. Supports underline, double underline, boldface, super and subscripts, and multiple column printing (depending on the printer you choose). And there's a convenient "Help" function, too. Includes self-paced training course on audio cassettes, training manual, reference manual and reference card. Requires printer.
26-1595 . . . . 199.00
SuperSCRIPSIT. I/III Ⓒ Includes all of the features of Model 4 SuperSCRIPSIT, but in a 64 × 16 display format and no reverse video. 26-1590 . . . . 199.00

COMPLETE BUSINESS SOFTWARE SET

Disk SCRIPSIT®

4 Ⓔ Prepare correction-free memos, letters, reports and manuscripts on the screen in an 80-character by 24-line format. Editing features let you delete, insert and move blocks of text easily. Then print as many correction-free copies as you need with an optional printer. Includes a "global search" function to find phrases or sentences you want to edit or delete. Also features reformatting, hyphenation, centering, automatic headers and footers, justification, margin and tab settings, automatic page numbering and more. With manual and quick reference card.
26-1596 .... 99.95

Target PlannerCalc

4 Ⓔ Easy-to-use PlannerCalc lets you complete electronic spreadsheets without learning to program. Create your own financial models by entering and processing data by column, row or individual location. Features a variety of mathematical operations, including conditional commands. Prompts are in plain English and a handy "Help" screen is available at the touch of a key.
26-1512 .... 99.95

pfs:file

4 Ⓔ Organize your records in a system you design to your specifications! You decide how your records are to appear by organizing information on electronic "forms" that you design right on the screen. Store, retrieve and review information in a fraction of the time it would take with a paper filing system.
26-1518 .... 124.95

pfs:report. 4 Ⓔ Produces reports from files created with pfs:file. See page 31 for complete description.
26-1517 .... 99.95

New! Formation Forms Management System

199⁹⁵

Formation Ends the Bother of Time-Consuming Pre-Printed Forms

- ■ Aligns Copy Perfectly for Any Business Form
- ■ Allows Editing for Error-Free Printing
- ■ Stores Form Formats for Repeated Use

With Formation, you can disregard the sometimes confusing order of questions on tax, medical and insurance forms, answering questions in the order you choose. Enter frequently used data just once—Formation will print it as needed. Formation's editing capabilities let you change information from form to form without re-entering it, and when you're done, Formation will print your answers with pin-point accuracy. Formation also follows up to 16 running calculations and verifies your answers, prints answers in different formats automatically, and prints bold, uppercase, lowercase, underlines and variable line spacing without resetting the printer. Requires Daisy Wheel II, DWP-510, DWP-410 or DMP-2100/2100P printer.
26-1527 .... 199.95

Business Graphics Analysis Program
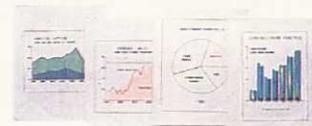
174⁹⁵

- ■ Supports Hi-Res Graphics Board
- ■ Create Sophisticated Graphs and Charts

III Ⓓ Perfect for corporate planners, analysts and managers. Turns complicated numeric data into easy-to-understand charts and graphs. Select pie, bar, line or scatter charts, supply the data and the program quickly displays your graph on the screen. Allows editing of titles and labels before printing. Enter data from keyboard or disk files using VisiCalc.
26-1597 .... 174.95

Powerful Operating Systems and Helpful Utilities

PowerTool

I/III Ⓒ A flexible, powerful utility package. PowerTool contains utility routines that allow you to directly examine and modify diskettes written in any version of TRSDOS or LDOS, restore many unreadable diskettes to a readable condition and format or backup all or part of a diskette. Great for copying programs between TRSDOS and LDOS.
26-2022 .... 49.95

CP/M Plus

4 Ⓕ Designed for the business user, CP/M Plus allows you to choose from a wide variety of programs, including popular word processing, spreadsheet analysis and data base management programs. CP/M Plus is easy to learn and includes a handy HELP utility. Upwardly compatible with CP/M 2.2. Includes a high-performance file system. CP/M Plus automatically logs in a disk when it detects a media change. For easy file selection, CP/M Plus allows the user to record two entries for time and date for each file. No additional hardware required.
26-2216 .... 149.95

CBASIC

4 Ⓕ A business language that complements program development under CP/M Plus. Works as a compiler/interpreter, using random access memory better. CBASIC provides two types of files for maximum flexibility: fixed record length files and stream input/output files. Includes native code compilation, relocatable code, debugging capabilities, cross reference lister and more.
26-2217 .... 99.95

New! TRSDOS 6.2 Utilities

4 Ⓔ Includes Quick Format and Backup, to make a backup in less than one minute; The BASIC Answer, which allows the use of labels rather than line numbers in BASIC programming; MOD 324, to simplify conversion of Model III BASIC programs to Model 4 BASIC; UNKILL, to recover killed programs; BSORT, to sort from BASIC with tag variables; and COMP, to compare two disks or files for a match. Requires TRSDOS 6.2.
26-315 .... 39.95

LDOS 5.1 Operating System

III Ⓓ LDOS is an advanced operating system with features and enhancements not found in TRSDOS. LDOS lets you read diskettes on Models I, III or 4. Also includes a Job Control Language to control an unattended computer, a terminal utility, printer spooling and more. Most Radio Shack software is supported under LDOS (documented with purchase).
26-2214 .... 129.95
For Model I. 26-2213 .... 129.95

MORE DISK SOFTWARE FOR BUSINESS

TK!Solver Electronic Worksheet

NEW FOR '85

299⁹⁵

AS LOW AS [Radio Shack CITILINE] **$20 PER MONTH**

- Quickly Solves Problems with Complex Equations
- Use by Itself or with Optional SolverPacks

TK!Solver. Makes it easy to solve mathematical problems. You simply enter one or more equations and then the program solves them. All the tools needed for problem-solving are built into the program, including mathematical functions, facilities for converting units of measurement and the ability to produce graphs and tables (with optional printer). TK!Solver can solve a broad range of problems using models and equations with variables of known and unknown values. Given a model and known values of variables, the TK!Solver program solves for as many unknown values as is possible. The program's problem-solving ability is powerful and versatile enough to apply to many fields, from financial planning to architectural design to chemical analysis. You can also use it in conjunction with the SolverPacks below for special applications. Requires 128K Model 4. 26-1630 . . . . 299.95

Finance SolverPack. For use with TK!Solver for problems in financial analysis. The topics include compound interest, net present value, level debt service, cost of equity capital, analysis of financial statements, stock option pricing, bond swaps, convertible debt and bond refunding decisions. Requires TK!Solver (above). 26-1631 . . . . 99.95

Science SolverPack. Covers a wide range of topics in introductory science at a level comparable to American secondary schools. Covers topics in chemistry, biology, physics, thermodynamics and population studies. Requires TK!Solver (above). 26-1632 . . . . . . 99.95

Mechanical Engineering SolverPack. The topics include analysis of elastic beam bending, springs, area moment of inertia, Mohr's circle, rotational systems, heat transfer, fluid flow and hydraulics. Requires TK!Solver (above). 26-1633 . . . . 99.95

New! Construction Estimator

Provides builders, appraisers, real estate developers and insurance adjustors with time-saving and competitive building information. Includes three templates for use with VisiCalc (see page 31) on one diskette: Quantity Survey (cost) Method, Square Foot Method and Unit-in-Place Method. Estimates construction costs, property values and individual component costs. 26-2025 . . . . 49.95

Micro/Courier®

III Ⓓ Send and receive electronic mail quickly, inexpensively and reliably! MICRO/Courier lets you send any TRSDOS file you can store and access with your computer to any other personal computer with the same communications protocol. Or access information services like Dow Jones News/Retrieval or CompuServe. Includes "unattended" mode that allows automatic dialing after business hours for reduced rate. Requires Modem II and RS-232C interface. 26-1589 . . . . 149.95

Business Forecasting Template

III Ⓒ Now you can generate financial reports based on your VisiCalc spreadsheets. Produce easy-to-read income statements, balance sheets, cash flow, financial ratios, sales and cost of goods for multiple products, salary worksheets, asset and depreciation schedules. Requires VisiCalc (see page 31). 26-1521 . . . . 99.95

Business Analysis with Desktop/Plan-80

III Ⓒ Analyze probable results of business decisions. This sophisticated financial planning program guides you from model development to printing high-quality reports. Consolidates sub-models into one summary model, transfers several budgets to a summary budget, reads VisiCalc files to produce reports and more. Plots points for line charts and automatically formats printed reports (with optional printer). 26-1594 . . . . 199.00

Access a World of Agricultural Information

399⁰⁰

AS LOW AS [Radio Shack CITILINE] **$20 PER MONTH**

- Now Comes with 12 Months Basic Service and 1 Complimentary Hour Connect-Time
- 24-Hour Worldwide Marketing News
- Local and State Weather and Alerts

AgriData. III Ⓒ Access the latest agricultural maketing, finance, news, weather, general business and production information from the Agridata Network (formerly the AgriStar service). All you need is a Model 4 or Model III and a telephone interface. Includes a user's manual with quarterly updates, a reference flip chart, a subscription to Farm Futures magazine, a newsletter and a toll-free 24-hour support service from AgriData Resources. 26-2227 . . . . 399.00
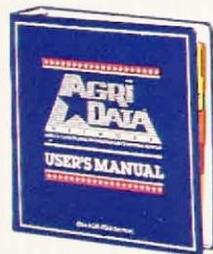
AgDisk Agricultural Software

Farm Accounting. III Ⓓ Make record-keeping easier and faster! You can have double-entry accuracy with the ease of a single-entry function, using either cash or accrual basis. Six preselected account lists cover most farm or ranch operations to help save you time. In addition, you control the length of an accounting period, all report headings, the sequence in which reports are printed and much more. 26-1546 . . . . 499.00

Financial Management. III Ⓒ Includes five programs, each dealing with a different area of money management. The Land Purchase Analysis program lets you make an in-depth cash flow study before any purchase is made. Other programs include Depreciation Scheduling, Farm Profit Analysis, Loan Cost Calculator and Interest Income Calculator. 26-1547 . . . . 99.95

Machinery Management. III Ⓒ Track vital information about your farm machinery. You can calculate the total fixed and variable costs of virtually any piece of machinery. Determine total operating costs per year, per acre and per hour, plus a breakdown of costs for depreciation, interest, taxes, insurance, housing, labor and repair. 26-1548 . . . . 99.95

Corn/Soybean Management. III Ⓒ Contains five programs—Grain Storage Decisions, Harvest Loss Calculations, Crop Yield Calculations, Field Population Calculator and Planter Calibration Calculator. Determine combine efficiency, estimate yields, figure planter settings and more. 26-1549 . . . . 99.95

AgDisk software packages require an 80-column printer.

Time-Saving AgDisk VisiCalc Templates

AgDisk makes the popular VisiCalc "electronic worksheet" program (described on page 31) easy to use for agricultural applications. AgDisk templates automatically load your headings and formulas into VisiCalc. You just input the data requested—and when you change an entry, you instantly see the results.

Business Management. III Ⓓ Templates for depreciation, land purchase, business analysis, credit line, installment loan, investment payback and net present value. 26-1610 . . . . 69.95

Cow-Calf Herd Management. III Ⓓ Includes templates for beef cow-calf, cattle weaning, yearling weight, bull test records, gestation calendar, metabolizable protein and urea fermentation potential, and ration formula. 26-1611 . . . . 69.95

Crop Management. III Ⓓ Includes templates for grain marketing, grain yield, corn yield, gross margin, hybrid selection, growing days, field calculations, lime recommendation, pivot application, fertilizer needs and cost. 26-1612 . . . . 69.95

Feedlot Cattle Management. III Ⓓ Templates for cattle feeder, higher grade, steer marketing, carcass evaluation, cattle net energy, metabolizable protein and urea fermentation potential, protein supplement and ration formulation. 26-1613 . . . . 69.95

Minimum Hardware Requirements

|		
III = Model III	Ⓐ 32K 1-Disk	Ⓓ 48K 2-Disk
I/III = Model I or III	Ⓑ 32K 2-Disk	Ⓔ 64K 1-Disk
4 = Model 4 Only	Ⓒ 48K 1-Disk	Ⓕ 64K 2-Disk

GET THE MOST FROM YOUR MODEL 4

Amazing DoubleDuty Utility Makes Your Model 4 Work Like Two Computers!

NEW FOR '85 **69⁹⁵**

- Lets You Load Two Different Programs at Once
- Move Back and Forth Between Programs Without Reloading
- All Information You Enter Remains Intact for Both Programs—Even While You Move Between Them
- Retains All TRSDOS and BASIC Commands While in Use

Get 64K Memory for One Program, 64K for Another Program, and 16K for TRSDOS Commands

DoubleDuty. Divides your computer's 128K memory into three complete and independent partitions. Partition 1 and 2 each operate like a 64K Model 4. You can load and execute any Model 4 program designed to run on a 64K system into each partition. You can also run BASIC or TRSDOS commands in either partition. In addition, you can use Partition 3 to execute TRSDOS library commands. It's like having two separate Model 4's! Since most Model 4 programs require no more than 64K, DoubleDuty takes advantage of your system's increased memory capacity. And because DoubleDuty takes up almost no memory itself, it is able to more than double the system's operating potential. For example, you could load the SCRIPSIT® word processing program in Partition 1, and an electronic filing program in Partition 2. While typing a document in SCRIPSIT, you discover that you need data stored in the file program—you simply move to the file program, find the information, and return to SCRIPSIT. You may reference the TRSDOS directory for information—all without disturbing your document. Designed to use your full memory capacity for convenience and speed. Requires 128K Model 4 or a Model III modified with Model 4 Upgrade Kit (26-1123) and the Model 4 64K RAM Kit (26-1122). DoubleDuty may not be compatible with all Model 4 programs. Communications may not be used with DoubleDuty. 26-2231 . . . . 69.95

Advanced Programming Languages for Model 4/III/I

Assembly Language Development System. III/4 Ⓓ Powerful package that's a necessity for the assembly language programmer. With full screen Editor, Assembler with sorted cross-reference listing, Linker for creating an absolute file, automatic File Transfer, and Debug modules. Offers numerous important and helpful features and includes TRSDOS 6 and Model III TRSDOS 1.3 support. 26-2012 . . . . 149.00

Editor/Assembler, Series I. I/III Ⓐ Allows advanced programmers to program in Z-80 assembly language. Includes editor/assembler, sample programs and extensive 255-page manual—including detailed descriptions of the Z-80 mnemonics. 26-2013 . . . . 34.95

Assembly Language Tutor III. Learn the fundamentals of Assembly language programming in 27 easy-to-understand lessons. Includes a 200-page instructional manual and a special editor/assembler monitor. 26-2018 . . . . 69.95

BASCOM-4. 4 Ⓕ Feature-packed for fast compilation of Model 4 BASIC programs. BASIC compiler lets you execute faster than the same interpreted programs, and require less memory. Includes compiler, linker routine library and run-time package. Source-code security is provided. 26-2218 . . . . 195.00
BASCOM. III Ⓓ 26-2210 . . . . 195.00

FORTRAN-4. 4 Ⓕ Write programs in FORTRAN using EDIT-80, a powerful editor with commands for interline and intraline editing. Compiler reads your FORTRAN source program from diskette, translates it into relocatable object code and saves it on diskette. Linker lets you input the relocatable object program, execute it and save it on diskette as a TRSDOS command file. Assembler lets you create relocation assembly language subroutines that you can link to your FORTRAN programs. Includes 250-page manual. 26-2219 . . . . 99.95
FORTRAN. III Ⓓ 26-2200 . . . . 99.95
FORTRAN. I Ⓓ 26-2201 . . . . 99.95

COBOL-4. 4 Ⓕ Based on the ANSI '74 standard, COBOL is an English-oriented programming language designed primarily for developing business applications on computers. Features single-step compiler multi-key ISAM, COBOL editor and DEBUG. A listing of the program is generated showing the original source statements, error information, data allocation, interactive DEBUG information and optional cross-reference of all program labels and data items. Includes 297-page manual. 26-2190 . . . . 199.00
COBOL. I/III Ⓓ 26-2203 . . . . 199.00

BFBLIB BASIC Routines Diskette. I/III Ⓑ Supercharge your programs with these 121 subroutines, functions and utilities described in BASIC Faster and Better & Other Mysteries (62-1002, not included). Modify routines or use "as is". 26-2021 . . . . 19.95

NEW! TRS-80 Model 4 "C" Programming System. 4 Ⓕ A complete implementation of C language for program development. The library routines are Unix-compatible, making it easy to transport programs from other computers to the Model 4—or vice versa. Includes a powerful, programmable full-screen text editor. You can map editor commands to the Model 4 keyboard as desired and define your own editor commands. The TRS-80 C compiler generates a very efficient and compact object code—programs execute 10 to 50 times faster than BASIC programs. The compact size of the object code lets you develop large programs without overlays or chaining. Also compatible with TRS-80 Pascal (Cat. No. 26-2212, below). You can call functions or procedures written in Pascal from a TRS-80 C program or vice versa. 26-2230 . . . . 249.95

Alcor Pascal. Alcor Pascal is a full Pascal implementation. For speed and efficiency, the compiler generates a p-code (pseudo-code) that can be interpreted, or further translated into machine instructions for execution directly by the hardware. For added space, an optional p-code optimizer reduces a program by 10-30%. For added speed, an optional native code generator converts the p-code to machine language. Resulting code executes between three and five times faster than the p-code. Object code is portable, so you can compile programs on one system and execute them on another. Includes compiler, interpreter, linking loader for building libraries of commonly-used routines, full-screen text editor, large library of routines, extensive string routine library, and a documentation package which includes a Pascal tutorial with 500-line data base program.
Alcor Pascal for Model 4. 4 Ⓔ 26-2212 . . . . 249.95
Alcor Pascal for Model I/III. I Ⓓ III Ⓒ 26-2211 . . . . . . 249.95

Runtime Diskettes. I/III/4 Ⓒ For those who sell software developed on our compilers.

Runtime Diskette	Model 4	Model I	Model III	Each
COBOL	26-2191	26-2206	26-2207	30.00
Compiler BASIC		26-2208	26-2209	20.00

Minimum System Requirements

I = Model I only
III = Model III
I/III = Model I/III
4 = Model 4 only

Ⓐ 32K 1-Disk
Ⓑ 32K 2-Disk
Ⓒ 48K 1-Disk

Ⓓ 48K 2-Disk
Ⓔ 64K 1-Disk
Ⓕ 64K 2-Disk

MODEL 4/III/I PERSONAL SOFTWARE

New! The Home Accountant

III Ⓓ A comprehensive personal finance system for you and your family. Lets you define up to 99 budget categories, monitor transactions, keep track of up to five checkbooks and print checks. Produces eight financial reports and bar graphs for any budget category with optional printer. Shows a historical trend analysis for any budget category.
26-1511 . . . . 99.95

New! Dow Jones Market Analyzer™

III Ⓐ Get accurate stock market information for timely decision-making with Dow Jones Market Analyzer, and make the time you spend with your investment portfolio more efficient—and more profitable. Use with Dow Jones News/Retrieval to automatically collect historical information on stocks and Dow Jones averages. Then, with a few keystrokes, convert this information into easy-to-understand graphs for analysis. Create bar, comparison, relative strength and oscillator charts, trend lines and more. Automatically retrieves closing quotes on stocks, bonds, mutual funds, options and Dow Jones averages. Requires graphics board and modem.
26-1606 . . . . 249.95

New! Investment Portfolio Manager

III Ⓓ Designed for investment counselors and individuals who trade in the securities market. The system monitors and reports on the information needed to manage stable, profitable securities portfolios. Handles up to 250 securities, 20 portfolios and 1700 transactions—and stores organized, descriptive screens of information for each. Allows rapid review and correction of information, automatically computes totals and keeps records of income earned. Prints seven customized reports with optional printer. Features telecommunications with Dow Jones News Retrieval. RS-232C interface and telephone modem required for communications.
26-1514 . . . . 199.95

Trendex Stock Market Analysis

I/III Ⓐ Provides stock market trend indications for short, intermediate and long-term periods. Maintains intermediate trends for portfolio of your choice. Analyzes data with formulas used by professional investors. Not for counsel to buy or sell securities.
26-1510 . . . . 59.95

New! Money Decisions Series

Each program puts the most frequently used business and financial problem-solvers at your fingertips! Takes your information from prompts and performs sophisticated calculations. Lets you create a set of problem-solving assumptions and then calculates "before and after" effects of multiple alternatives. Each can be used alone or in conjunction with the other Money Decisions programs. Produce formatted reports with optional printer. Each comes with extensive tutorial manual.

Money Decisions I: Investment Analysis. Includes Future Investment Value, Initial Investment, Annual Interest Rate, Internal Rate of Return and more.
26-1620 . . . . 49.95

Money Decisions II: Real Estate and Loan Analysis. Includes Principal on a Loan, Regular Payment on a Loan, Last Payment on a Loan, Term of a Loan, Annual Interest Rate on a Loan, Mortgage Amortization Table and more.
26-1621 . . . . 49.95

Money Decisions III: Business Statistics and Forecasting. Includes Risk Adjusted Net Present Value, Payoff Matrix Analysis, Regression Analysis/Forecasting, Bayesian Decision Analysis and more.
26-1622 . . . . 49.95

Money Decisions IV: Business Management. Includes Lease Purchase Analysis, Depreciation Switch, Salvage Value, Bar Graph and more. 26-1623 . . . . 49.95

Money Decisions V: Advanced Investment Analysis. Includes Future Investment Value (Uneven Cash), Present Value of Tax Deduction, Discount Commercial Paper, Accrued Interest on Bonds and more.
26-1624 . . . . 49.95

Two New Programs That Help Prepare Students for Exams

Mastering the ECAT

Get ready for the College Board Achievement Test in English composition with this helpful program. Designed specifically to prepare high school students for entrance into selected colleges and to help them qualify for advanced placement in college English courses. The five-disk program contains more than 1000 English problems presented in random groups of 16, so study remains interesting and challenging. Includes practice in rewriting sentences, phrasing, identification of grammatical errors and pointers on sentence structure. Supportive responses follow every answer to encourage further study. Provides an approximate score and error analysis to indicate areas for further study. 26-1970 . . . . 129.95

Mastering the SAT

A comprehensive program to help high school students prepare for the Scholastic Aptitude Test. Provides practice in all skill areas tested on the SAT—Math: arithmetic, algebra, geometry, use of reference tables, graphs and reasoning; Verbal: analogies, antonyms, sentence completion, reading comprehension and vocabulary; and Standard Written English. Students are first tested to identify areas for further study. Self-paced study with the computer provides additional instruction and hints for test-taking. A final test, similar to the SAT, analyzes the student's progress. Includes a 96-page workbook with additional practice exams.
26-1975 . . . . 129.95

New! Success with Math

Introduce your children to the basics of mathematics with programs available for students in grades 1-12. Each program allows students to learn at their own pace. Programs take students through mathematical operations one step at a time, with encouraging responses from the computer after every answer. Varying levels of difficulty let children start where they feel comfortable, then progress into more complex operations.

Success with Math I: Addition/Subtraction. Start students in grades 1-4 with basic computation practice, concepts of "carrying" and "borrowing". Choose the level of difficulty, up to problems with nine rows and nine columns.
26-1971 . . . . 19.95

Success with Math II: Multiplication and Division. For grade levels 2-8, or for older children needing to review multiplication or division skills. Students choose a one, two or three-digit number to multiply by a three-digit multiplicand. Choose one to three-digit numbers for division problems. 26-1972 . . . . 19.95

Success with Math III: Linear Equations. For students in grades 7-11. Practice solving randomly generated problems in the form $AX + B = C$. Requires basic arithmetic operations on both sides of the equation. 26-1973 . . . . 19.95

Success with Math IV: Quadratic Equations. For grades 9-12. Generates quadratic equations at two levels of difficulty. Divides the screen into three areas: original equation, work area and message/instruction area. Includes extensive practice in factoring.
26-1974 . . . . 19.95

New! Dean Vaughn Memory Course

III Ⓒ Learn to develop your memory through the process of association. This two-disk course shows you how to find audionyms—words with similar sounding syllables—to remember key words or groups of words, how to use association and how to test for a job.
26-2024 . . . . 89.95

TRSDOS 6 Training Course

4 Ⓔ Learn to take advantage of the versatility and power of your Model 4's TRSDOS 6. Tutorial diskettes and a comprehensive instructional guide introduce you to the most frequently used TRSDOS commands. Material included in the TRSDOS 6 Training Course includes system concepts, initialization commands, diskette handling utility, file handling commands and utilities, creating and using Job Control Language files and more.
26-2019 . . . . 74.95

FUN AND GAMES FOR MODEL 4/III/I

Electronic Music Synthesizer

NEW FOR '85 79⁹⁵

Compose Your Own Stereo Music on Your Computer and Listen to It on Your Home Stereo System

Orchestra-90 ⟨1/2⟩ Create highly sophisticated electronic music and sound effects. Both musicians and non-musicians can compose in six octave ranges in up to five voices. Transcribe sheet music, too. Includes cassette software and an interface that connects your home stereo to the Model III/4 computer. Plays programmed sounds only. 26-1922 .... 79.95

Develop Your Own Computer Games

NEW! Graphics-90. ⟨4⟩ A complete graphics and animation program. Now you can easily create your own games in BASIC that are equal to many machine-language games! Print graphics on any Radio Shack dot-matrix printer with bit-image capability. Two disk drives are recommended for best graphics. 26-2027 ...... 39.95

New! "13 Ghosts" Disk Game

13 Ghosts. ⟨4⟩ Armed only with your "Ghosts Blaster", you're out to de-spook a Ghost Town. You'll encounter a skeleton that's immune to your blast and a "Laughing ghost" with an annoying knack for waking up dangerous ghoul friends. You'll be lucky to get out alive! 26-1927 .... 19.95

2-in-1 Game Packs

Games Pack 2. ⟨1/2⟩ Includes two games! Recover the stolen fuel cells and return them to earth in Defense Command. Escort your supply cruisers through enemy zones in Stellar Escort. Optional sound effects. 26-1925 .... 24.95
Disk Version. ⟨3⟩ 26-1926 .... 24.95
Games Pack 3. ⟨1/2⟩ Includes two games! Destroy wave after wave of alien space ships in Cosmic Fighter. Avoid the space rocks and rescue the stranded astronauts on a distant planet in Meteor Mission 2. Optional sound effects. 26-1923 .... 24.95
Disk Version. ⟨3⟩ 26-1924 .... 24.95

More Games on Cassettes

Magic Carpet. ⟨1/2⟩ Interactive adventure game for youngsters. 26-1919 .... 9.95
Starquest. ⟨1/2⟩ Explore a planet and fight off aliens! 26-1920 .... 14.95
Microchess. ⟨1/2⟩ Three skill levels—ideal for beginners or advanced players. 26-1901 .... 19.95

Zork I Adventure Game

39⁹⁵ **One of the Most Popular Adventure Games Ever Offered**

Zork I. ⟨3⟩ You must stay alive and find the hidden treasures of this challenging, complex adventure game. 26-1951 .... 39.95

Exciting Cassette and Disk Games

NEW! Computer Diplomacy. ⟨4⟩ A realistic game of strategy and international politics. You command one of the seven great powers of Europe prior to World War I. You seek to control the continent through careful planning and by negotiating alliances with other players. For up to seven players. 26-1957 .... 19.95

NEW! Zaxxon. ⟨1/2⟩ Bring the popular arcade challenge home to your TRS-80. Advance from "Rookie Pilot" to "Combat Ace Pilot" as you enter the floating fortress, destroy enemy defenses, and finally defeat the mighty robot, Zaxxon. Add an optional amplifier for great sound effects. 26-1960 .... 29.95
NEW! Zaxxon Disk Version. ⟨4⟩ 26-1956 .... 29.95

NEW! Frogger. ⟨1/2⟩ A licensed version of the original arcade game. Get your frogs safely across the road. Then guide them to their lily pads on the other side of the river. Optional computer-generated music requires mini amplifier. 26-1958 .... 19.95
NEW! Frogger Disk Version. ⟨4⟩ 26-1959 .... 19.95

NEW! In the Hall of the Mountain King. ⟨3⟩ Destroy the Troll King and his underground kingdom and rescue the kidnapped princess. You'll have to battle trolls, enter the dreaded Norwegian Circle Maze and recover the stolen treasure. 26-1921 .... 14.95

NEW! Sword of Roshon. ⟨2⟩ A special interactive story—and you can be the hero! Make decisions that help determine the outcome—it's different everytime! But be careful of making the wrong choice. 26-1918 .... 9.95

Monty Plays Scrabble. ⟨3⟩ Challenging word fun! Features 54,000-word vocabulary, different skill levels and automatic score keeping. Add a mini-amplifier for sound effects. Requires board game. 26-1954 .... 34.95

Model 4/III/I Business and Personal Cassette Software

NEW! Spectaculator. ⟨1/2⟩ An electronic spreadsheet for forecasting and problem solving. Enter labels and numbers in row/column format. Change a value or formula and all affected figures are updated automatically. 26-1513 .... 49.95
NEW! DOTPLOT-80. ⟨1/2⟩ Create beautiful graphics with easy-to-use BASIC commands. Requires graphics-mode printer. 26-2023 .... 19.95
SCRIPSIT® Word Processing. ⟨1/2⟩ Compose and edit text on the video display, then use an optional printer to produce correction-free letters and reports. Features centering, headers, footers, global search and more. Save text on cassettes for later revision. 26-1505 .... 39.95
Budget Management. ⟨1/2⟩ Records up to 60 budgeted accounts with 25 cash expenses, 20 savings transactions and 50 checks/month. Prints reports with optional printer. 26-1603 .... 19.95
Mailing List. ⟨1/2⟩ Keep an updated file of names and print labels (with optional printer). 80 names per data file with 16K, 250 names with 32K. 26-1503 .... 19.95
Statistical Analysis. ⟨1/2/3⟩ Analyze data and forecast trends. Includes random sample, histogram, frequency distribution, regression and much more. 26-1705 .... 39.95

Series I Editor/Assembler. ⟨1/2⟩ Includes manual with Z-80 instruction set. Editor features automatic line numbering, single-letter commands, optional parameters, global search. Assembler features single-letter commands. 26-2011 .... 29.95
Assembly Language Tutor. ⟨1/2⟩ A self-contained course in Z-80 machine-language programming. Features 27 lessons with examples and exercises. 26-2017 .... 39.95
DEBUG. ⟨1/2⟩ Displays memory in 128 or 256-byte full-screen mode. Displays Z-80 registers. Also allows modifications to RAM and registers. Includes single-step execution of programs and breakpoint interruption of execution. 26-2000 .... 19.95
Tiny Pascal. ⟨2⟩ Great introduction to this structured programming language (fixed-point, non-array version). Includes sample programs to get you started. Model III PASCAL is complete with monitor, compiler and editor. 26-2020 .... 19.95

Minimum System Requirements
1 = 16K Level II	2 = Model III BASIC	3 = 32K 1-Disk	4 = 48K 1-Disk

Cassette software requires a Model 4/III/I computer and a cassette recorder.

All Software on This Page is for Model III Mode Only.

RADIO SHACK'S EDUCATION DIVISION

Our Commitment to Education. Radio Shack microcomputers are a valuable teaching tool in use in schools nationwide. That's why we support a continuing effort to produce instructionally-sound and properly-validated courseware. In addition, we offer free computer training classes to teachers and school administrators.

What Makes Courseware Unique? A computer is useless without a program—a special set of instructions in computer language that tells the computer how to solve a problem. But for education, a computer program must also implement an acceptable instructional strategy. That's why Radio Shack has involved the experts—teachers, curriculum developers and administrators—in designing and field-testing our complete line of courseware offerings.

A Wide Selection of Programs. We invite you to compare our courseware with other programs currently available. You'll discover what a difference quality Radio Shack courseware can make. Our Regional Educational Coordinators are ready to help you decide how our complete line of microcomputers and courseware can best suit your needs.

Computer Assisted Instruction

Computer Assisted Instruction techniques center on individualized learning where the computer generates and presents student exercises in a specific subject area. CAI programs involve students interactively with the computer.

K-8 Math Series

Ideal for use as a supplement to regular classroom instruction in Kindergarten through 8th grades. This series was designed by professional educators, and has been extensively field-tested in the classroom. Immediate feedback is given for correct and incorrect answers. Each program includes lesson summaries and K-8 Math Cross-Reference.

K-8 Math Program, Vol. I. I/III *† (A/G) Randomly generates skill building drills in number concepts, addition, subtraction, multiplication and division. Features student placement, skill building and test modes, plus automatic promotion and demotion.
26-1715 . . . . 199.00

K-8 Math with Student Management, Vol. I. I/III* (A) The original K-8 Math Program with added student management features. Monitors promotions and demotions, and allows for teacher review of scores. Starts each student in the appropriate lesson each session. Printer optional.
26-1725 . . . . 199.00

K-8 Math Worksheet Generator. I/III (A) Generates worksheets and answer sheets from K-8 Math lessons. Teacher can print multiple copies of identical worksheets or worksheets with different problems at the same difficulty level. Worksheets can be saved on disk for later use or editing. Line printer required. 26-2162 . . . . 99.95

K-8 Math Cross-Reference. Correlates individual K-8 Math lessons with specific chapters and pages in six major math basals. 26-2750 . . . . 4.95

NEW! Color Math. CC † (A/G) Automatically places student in the lesson that corresponds to their skill levels, followed by progress reports and testing. For grades 1 thru 8. 26-3202 . . . . 39.95

Secondary Math and Science Programs

Essential Math Program. I/III *† (A/G) Skill-building drills for grades 7-12. Reinforces math concepts introduced by the teacher. Gives immediate feedback for correct and incorrect answers. Includes placement mode, as well as promotion and demotion.
Vol. I. Covers addition, subtraction, multiplication, division and number concepts.
26-1716 . . . . 199.00
Vol. II. Covers fractions, decimals, percents and pre-algebra concepts.
26-1719 . . . . 199.00

Euclid Geometry Tutor. I/III *† (A/G) Allows students to practice constructing proofs using nine basic postulates of Euclidean geometry. Developed by a high school geometry teacher and tested extensively in the classroom. Program works out a proof automatically, and guides and tests construction of student's proofs. Teacher's manual includes numerous exercises in Euclidean geometry.
26-1724 . . . . 39.95

Advanced Graphics. I/III *† (A/G) Investigations in analyzing equations and plotting their respective graphs through demonstrations of plotting functions and plotting polar and parametric equations. 26-1714 . . . . 39.95
Interpreting Graphs in Physics: Position and Velocity Versus Time. I/III *† (A/G) Poses graph-related questions or simulations relating to rectilinear motion including position, speed, displacement and acceleration concepts.
26-1721 . . . . 39.95

Vector Addition. I/III *† (A/G) Plots components and sums of student-provided vectors. 26-1720 . . . . 39.95

Vector Addition for the Color Computer. CC † (A/I) 26-2638 . . . . 39.95

Graphical Analysis of Experimental Data. I/III *† (A/G) Plots and analyzes data pairs input by student.
26-1722 . . . . 39.95

Investigations in Integral Calculus. I/III *† (A/G) Explores fundamentals through 14 investigations. Graphs and computes areas of functions. 26-2600 . . . . . . 39.95

Investigations in Integral Calculus for the Color Computer. CC † (A/I)
26-2641 . . . . 39.95

Plane Analytic Geometry. I/III *† (A/G) Generates problems with emphasis on straight lines and conic sections.
26-2602 . . . . 39.95

Number Theory. I/III *† (A/G) Definitions, examples, and exercises on constructive or computational aspects of number theory concepts.
26-2613 . . . . 69.95

Matrices, Determinants, and Simultaneous Equations. I/III *† (A/G) Generates problems related to simple matrix algebra.
26-2620 . . . . 49.95

Quadratic Equations. I/III *† (A/G) Practice in coefficient and equation recognition, discriminant evaluation, type of roots, more. 26-2623 . . . . 49.95

TRS-80 Chemistry Lab. Six laboratory experiment simulations on Kinetic Theory, Charles' Law, Boyle's Law, Titration, Conductivity and Solubility. Students control variables in experiments in order to see changing results. Each package includes an instructor's manual and 25 student experiment books.
Vol. I. I/III *† (A/G) 26-2609 . . . 199.00
Vol. I. CC † (H) 26-2626 . . . . 199.00
Additional Student Experiment Book. For use with 26-2609 and 26-2626.
26-2666 . . . . 3.00

The Solar System: Featuring the Discovery of the Planet Pluto. CC (G) For upper-elementary and secondary students. Facts are presented about the planets and how they were discovered. *Out of the Darkness: The Planet Pluto*, is included. 26-2647 . . . . 59.95

New! Electronic Book™

CC A unique and fun way for children to learn. Each of the optional software packages below contains colorful pages which are inserted into the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make activity selections or to answer questions. See page 47 for additional programs. Plugs into joystick port. 26-3141 . . . . 24.95

Professor Pressnote. CC (A/G) Introduces your children to the fundamentals of music. Play pre-selected tunes or create your own. Ideal for home or school. 26-2573 . . . 24.95

Solar Explorer. CC (A/G) Uses the theme of space travel to give information about our solar system's planets and Earth's moon. 26-2546 . . . . 19.95

CLASSROOM COURSEWARE

Language Arts and Reading

Early Learning Programs from the Creators of Sesame Street

Designed by The CTW Software Group, a division of Children's Television Workshop. For first and second graders, each package includes diskettes, teacher's guide, board games, posters, spirit masters and activity cards. Disk drive required.

Play-With-Language. CC Ⓐ Three word and reading activities combining graphics and text. Teaches sight and vocabulary words, decoding and comprehension skills, following directions and sequencing. 26-2538 . . . . 99.00

Hands On! CC Ⓐ A program that encourages creative self-expression. The first activity lets students write with beginning word processing aids, such as insertion and deletion of text. A student's writing may be saved, and files can be created and shared with other students. With the second activity, children create and manipulate pictures—change colors, duplicate images, turn, move or scroll horizontally or vertically. Pictures can be saved. 26-2539 . . . . 99.00

New! Courseware from MECC

Ten programs by the Minnesota Educational Computing Corporation. Many include learning objectives, lesson plans, student exercises and worksheets.

Basic Arithmetic. III Ⓒ Four math programs for grades 2-6.
26-2790 . . . . 44.95
Word Games. III Ⓒ Word study for grades 1-6. 26-2791 . . . . 44.95
Expeditions. III Ⓒ Historical simulations for grades 5-9. 26-2792 . . . . 44.95
Puzzles and Posters. III Ⓒ Teachers can design posters, puzzles and tests.
26-2793 . . . . 44.95
Graphing. CC Ⓘ Graph studies for grades 7 and up. 26-2794 . . . . . 34.95
Music. CC Ⓘ Music theory studies for all levels. 26-2795 . . . . . . 34.95
Pre-Reading. CC Ⓘ Reading fundamentals through grade 2. 26-2796 . . . 34.95
Earth Science. CC Ⓘ Natural science studies for grades 5-9. 26-2797 . . . 34.95
Marketplace. CC Ⓘ Business simulations for grades 3-8. 26-2798 . . . . 34.95
Outdoor Biology. CC Ⓘ Ecological studies for grades 1-9. 26-2799 . . . . 34.95

Computer Assisted Reading Development

Adapted from the Philadelphia Computer Assisted Reading Development Program for supplemental reading instruction at the 4th-8th grade level. Requires AUTHOR I Lesson Presentation Package (26-2707) or TRS-80 AUTHOR I (26-1727)—see page 39. Compatible with Network 3 using the Network 3 Lesson Presentation Package (26-2713).
C.A.R.D. I: Sentences. III* Ⓒ Covers sentence recognition, relationships, ordering and labeling. 26-2603 . . . . 199.00
C.A.R.D. II: Paragraphs. III* Ⓒ Students define sentence relationships within a paragraph. 26-2604 . . . . 199.00
C.A.R.D. III: Directions. III* Ⓒ Focuses on details and order to help improve ability to read and follow directions. 26-2605 . . . . 199.00

High Motivation Reading Series

Each program in the series comes with four student readers and an audio cassette. Computer programs measure reading comprehension. For grades 4-6. Programs require 32K with one drive and TRS-80 MicroPILOT™ (26-2718—see page 39).
Charles Lindbergh/Amelia Earhart. III* Ⓐ 26-2513 . . . . 74.95
Hound of the Baskervilles. III* Ⓐ 26-2514 . . . . 69.95
Dracula. III* Ⓐ 26-2515 . . . . 69.95
Moby Dick. III* Ⓐ 26-2516 . . . . 69.95
Beatles. III* Ⓐ 26-2517 . . . . 69.95
20,000 Leagues Under the Sea. III* Ⓐ 26-2518 . . . . 69.95
Time Machine. III* Ⓐ 26-2519 . . . . 59.95
Frankenstein. III* Ⓐ 26-2520 . . . . 59.95
Student Records System. III* Ⓐ 26-2521 . . . . 29.95

Introduction to the Alphabet

I/III†* Ⓐ/Ⓖ Skill-building drill to help children ages 4 to 6 become familiar with the capital and small letters of the alphabet and their locations on the computer keyboard. 26-1718 . . . . 39.95

New! Hall of the Mountain King

I/III*† Ⓐ/Ⓖ Classroom version of the Model III/4 action game by graphics wizard Leo Christopherson. Player battles trolls and finds the way through a maze in an underground kingdom where a princess is held prisoner. Students key in answers to any multiple-choice quiz as they play the game.
26-2616 . . . . 39.95

Business

NEW! Business Education: Computer Applications in Small Business. Designed to supplement business accounting curriculum, the package includes visual materials, student workbooks and four business programs: General Ledger, Accounts Receivable, Accounts Payable and Disk Payroll. The course is based on a field-tested, structured teaching model and is divided into four parts for each topic. The instruction manual and student workbooks parallel each other in content, form and wording. Includes transparencies with teaching guides for their use. Requires 48K Model III or 64K Model 4 with 2 disk drives. Printer required. 26-2654 . . . . 599.00

Corplan. III* Ⓒ A management-decision simulation game designed to supplement business instruction at the college or advanced secondary level. Allows an individual student or a team to make quarterly production, sales and financial decisions. Produce charts and screen reports with optional printer. Minimum of 48K required in all stations when used in Network 3 environment. 26-2619 . . . . 49.95

Numeric Data Entry Practice. I/III* Ⓐ A 25-lesson practice course to help students develop speed and accuracy in entry of numeric data using a 10-key pad. Printer optional. 26-2601 . . . . 39.95

History/Social Studies

High Motivation History Series. III* Ⓐ Includes 12 illustrated books on American history, from 1500 to the 1980's. Includes read-along audio tapes and computer activities diskettes. Requires TRS-80 AUTHOR I Lesson Presentation Package (26-2707) or TRS-80 AUTHOR I (26-1727)—see page 39. Compatible with Network 3 using the Network 3 Lesson Presentation Package (26-2713). 26-2645 . . . . 299.00

History of Technology. These packages describe major technological achievements through graphics, sound effects and recorded speech. Each package includes four lessons.

Pioneers in Technology. CC Ⓖ Lessons include The Age of Flight, Space Exploration, The Electric Car and History of Computers.
26-2624 . . . . 94.95

Inventions That Changed Our Lives. CC Ⓖ Lessons include Edison's Electric Inventions, Bell and the Telephone, The Story of Railroads, and The Age of Television.
26-2625 . . . . 94.95

The Next Four Years: Electing the President. III Ⓖ A study of the American election process. Includes a cassette-based election simulation. With teacher's manual, activity masters and wall chart.
26-2664 . . . . 19.95

EDUCATION MANAGEMENT SYSTEMS
Radio Shack Makes Courseware Development Easy

TRS-80 MicroPILOT™

III* Ⓐ Create your own courseware or adapt it from any curriculum suitable for computer-assisted instruction. TRS-80 MicroPILOT is command-oriented. It's based on the PILOT computer language, but offers extended graphics and disk file-handling capabilities. Features one-letter commands, upper and lower case characters and branching. Includes user's manual with a reference section and a sample lesson. 26-2718 .... 119.95

TRS-80 Color PILOT

Color PILOT lets you mix text and high-resolution graphics. It features a built-in line editor and easy one-letter commands. Graphics operators include color, line, box, window and more. Display options include lower case characters and user-generated characters. Linking to program segments on disk is supported. Complete instruction and reference manual, with sample programs. Printer optional.

Tape Version. CC Ⓖ 26-2709 .... 59.95
Disk Version. CC Ⓐ 26-2710 .... 79.95

TRS-80 AUTHOR I

I/III Ⓐ A screen-oriented authoring system that allows teachers to create computer-based lessons. Features full-screen editing, graphics, branching and automatic score-keeping option. Teacher can include a glossary, hints, feedback messages. Printed report includes scores and timings. 26-1727 ..... 149.95

TRS-80 AUTHOR I Lesson Presentation Package. I/III Ⓐ Presents lessons that have been created using TRS-80 AUTHOR I. Printed report includes scores and timings. (Not required if you have TRS-80 AUTHOR I.) 26-2707 ..... 64.95

NEW! Courseware Development with AUTHOR I. Training course designed to help educators use TRS-80 AUTHOR I. Educators are guided through actual lesson creation using text, graphics and special characters.
26-2697 .... 350.00
Student Manual. 26-2698 .... 4.95

TRS-80 Network 3 Lesson Presentation Package.

III* Ⓐ Allows you to use Network 3 to present lessons created with TRS-80 AUTHOR I. Create a lesson score file for storing performance data on diskette. Prints scores and timings with optional printer. Requires host with two disk drives and Network 3 Operating System (26-2775).
26-2713 .... 299.00

New! Game Writer

CC Ⓐ A unique programming language for creating programs that draw pictures, produce sounds and make shapes move about on the screen. Game Writer language is easy to use—individual statements used to initiate particular actions are grouped together to form procedures.
26-2572 .... 44.95

Quick Quiz

I/III Ⓐ This mini-authoring system makes it easy to create, edit, store and give multiple-choice tests in any subject area. Allows up to 40 questions with four choices per question.
26-1728 .... 39.95

Administrative Application Packages Aid in Record Keeping

New! School Administrative Software Products Series

Interactive system to help schools collect, store, retrieve and print basic student information, attendance data, student grades and scheduling information. Each program requires a TRS-80 Model 12 or Model 16 with two floppy disk drives (or one floppy drive and hard disk), or a Model II with one floppy drive and hard disk. A line printer is required to produce reports. All packages except the Student Information System require a Radio Shack CR-510 Card Reader (26-1266—see below), plus the Student Information System.

Student Information System. Lets you collect, organize, retrieve and print information on the student population of your school. Construct a list of student profiles— each profile includes basic information on the student, plus your choice of information unique to your needs. Construct special lists from your information categories and print reports, mailing labels, folder labels and more. Records can be updated at any time. 26-2729 .... 249.00
Attendance System. Helps you keep track of attendance for those students whose names have been entered into the Student Information System. The teacher records absences on special cards, which are later read by the CR-510 Card Reader. Takes attendance on period-by-period or daily basis and calculates monthly attendance statistics. 26-2730 .... 330.00
Attendance Cards. Package of 500.
26-2741 .... 24.95
Class Roster Forms. Package of 500.
26-2744 .... 19.95
Individual Scheduling System. Helps you plan your master schedule, schedule students, produce schedule cards, and continue to change individual student schedules during the term whenever necessary. 26-2732 .... 290.00
Course Request Cards. Package of 500.
26-2743 .... 24.95
Student Schedule Forms. Package of 500. 26-2746 .... 9.95
Grade Reporting System. Grades for each class roster can be recorded on machine-readable cards, then printed on report cards. Each student's report can include academic marks, a citizenship mark, absences, and the number of credits earned in the course. Includes up to three "teachers' comments" chosen from a list of 36 comments the faculty can write themselves.
26-2731 .... 380.00
Report Card Forms. Package of 500.
26-2745 .... 9.95
Grade Cards. Package of 500.
26-2742 .... 12.95

REKORD™ Planner

III Ⓒ Record-keeping system you can personalize to fit your own data management needs. File student data, print out student and school information and generate reports.
Administrator. 26-2725 .... 499.00
Counselor. 26-2726 .... 499.00
Special Programs. 26-2727 .... 499.00

CHAMPS™: A Football Scouting Program

I/III Ⓒ Store and analyze scouting information on your opponent's offense. Includes ten CHAMPS Scouting Manuals which allow even inexperienced scouts to collect data. Requires 132-column printer.
26-2703 .... 149.95
Additional Scouting Manuals. Package of 10. 26-2708 .... 39.95

Speed Tasks with a Computer Card Reader

CR-510 Card Reader. Use with School Administrative Software (above) to speed grading, attendance recording, administrative and scheduling chores. Single, demand or continuous feed operation. Cards can be marked or punched for reading. Includes owner's manual, diagnostic test card, 200 cards and diskette with COBOL and BASIC driver routines. Requires cable and Tandy/Radio Shack computer with RS-232C port.
26-1266 .... 1595.00
General Purpose Standard Cards. 500 cards. 26-1241 .... 9.95

1595⁰⁰
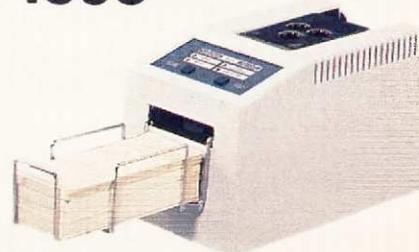
COMPUTER EDUCATION SERIES

BASIC Instruction

Complete packages in proven structured learning format include transparencies, notes and 25 workbooks with note-taking guide, quick quizzes and hands-on computer activities.

Part 1: Introduction to BASIC. I/III Ⓖ Discusses branching, graphics, subroutines, more. 26-2150 . . . . 220.00
Additional Workbook. 26-2151 . . . 3.50
Part 1: Videotape Lessons.
26-2753 . . . . 349.00
Part 2: BASIC Programming. I/III Ⓖ Arrays, string manipulation, variables, more. 26-2152 . . . . 260.00
Additional Workbook. 26-2153 . . . 4.50
Part 3: Advanced BASIC. I/III Ⓖ INKEY$, ASCII set, graphics, cassette data files, more. 26-2154 . . . . 260.00
Additional Workbook. 26-2155 . . . 4.50
Part 4: DOS. I/III Ⓐ Library and utility commands. 26-2156 . . . . 299.00
Additional Workbook. 26-2157 . . . 4.50
Introduction to Level II BASIC. Textbook with exercises. 26-2116 . . . . . 9.95

COBOL Instruction
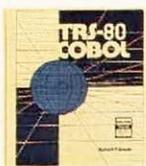
Teaches COBOL programming on a 64K Model II, or a Model 12 or Model 16 (in the Model II mode). With self-teaching manual and diskette with hands-on exercises. Requires Radio Shack COBOL Development System (26-4703) to run hands-on exercises.
26-2706 . . . . 49.95
COBOL Class Notes. For classroom or self-teaching.
26-2723 . . . . 9.95

The Illustrated Computer

Introduces secondary students to machine language programming concepts and techniques. Comes with a diskette program that illustrates a simplified computer which the student programs using a simplified machine language. Requires 32K Extended BASIC Color Computer with disk drive.
26-2670 . . . . 44.95

New! Network Pascal

A new version of TRS-80 Pascal (26-2211) designed specifically for use with Model III/4 and Network 3 in a classroom environment. New, enhanced features include a combined editor/compiler program that minimizes host disk access time. Pascal programs can be created at each network student station. TRS-80 Pascal diskettes for stand-alone Model III/4 machines are also included for use with stand-alone disk machines. Includes 16 Student Manuals.
26-2739 . . . . 799.00
Additional Student Manual.
26-2740 . . . . 14.95

New! Intro to Pascal

This complete, structured teaching package comes with a teacher's manual, overhead transparencies and 25 student workbooks. Provides an introduction to structured programming, editing and compiling a Pascal program, simple Pascal data types, variables, more.
26-2674 . . . . 350.00
Pascal Student Manual. 26-2675 . . . 7.95

Color LOGO

Color LOGO helps students understand graph relationships and develop problem-solving skills while learning to program a computer. Using an easily controlled turtle symbol on the screen to create their own graphics, students gain insight into fundamental mathematical, geometric and logical concepts. Procedures written with Color LOGO may be uploaded or downloaded with a Network 2 Controller.
Color LOGO Disk Version. CC Ⓐ
26-2721 . . . . 99.00
Color LOGO Program Pak. CC Ⓖ
26-2722 . . . . 49.95
Color LOGO Teacher's Book.
26-2761 . . . . 3.95
Color LOGO Parent's Book.
26-2763 . . . . 3.95
Color LOGO Lab. Includes comprehensive teacher's manual, transparencies and 25 workbooks. The Lab may be used with or without a Network 2 system. Requires Color LOGO disk (26-2721) or Program Pak (26-2722). 26-2770 . . . . 199.00
**Color LOGO Lab Workbook.**
26-2771 . . . . 2.00

New! Super Color LOGO

An expanded version of Color LOGO, with list processing capabilities, decimal arithmetic, improved editing and more. Other features let you control the turtle speed, change screen colors and create animation. Includes a comprehensive manual with hands-on exercises.
Super Color LOGO Disk Version. CC Ⓐ
26-2716 . . . . 99.00
Super Color LOGO Program Pak. CC Ⓖ
26-2717 . . . . 49.95
Super Color LOGO Network 2. Requires 32K Color Computer host, 32K student stations and Network 2 Controller.
26-2738 . . . . 299.00

New! DR LOGO™

A powerful way to draw pictures, create intricate graphics, play word games, chart figures and more. Includes accurate turtle graphics, split-screen debugging, list processing capabilities, on-line help, precise math capability, upper and lower case, and a large programming workspace. With an easy-to-use tutorial.
DR LOGO for Model 4. Requires High-Resolution Graphics (26-1126).
26-2781 .99.95
DR LOGO for Tandy 2000. Requires 256K and high-resolution monitor.
26-2782 . . . . 125.00
DR LOGO for Tandy 1000. Requires 256K and high-resolution monitor.
26-2783 . . . . 125.00

Computer Literacy

The Computer Connection. For junior and senior high. With lesson plans, activity spirit masters, charts and filmstrip with audio cassette.
26-2663 . . . . 69.00
Computer Literacy: Computers Past and Present. For grades 4-8.
26-2755 . . . . 9.95
Careers in Computing. With 25 Student Manuals. 26-2758 . . . . 130.00
Additional Manual. 26-2759 . . . . . . 1.00
Computer Discovery™. The history and impact of computers on society. With exercises, 25 workbooks and manual.
Computer Discovery for Junior High. III Ⓐ 26-2630 . . . . 189.95
Additional Workbook. 26-2631 . . . 4.25
Computer Discovery for Senior High. III Ⓐ 26-2632 . . . . 189.95
Additional Workbook. 26-2636 . . . 4.25

Resource Books

NEW! 3ᴿᴰ Edition TRS-80 Educational Software Sourcebook. Vendor-furnished listings include descriptions of programs and important characteristics. Many include user-site references. New listings for all TRS-80 desktop computers. 26-2712 . . . . 9.95
Proposal Writing Guide. For educators seeking funding from an outside source, such as the Federal government or a private foundation.
26-2754 . . . . 9.95
Number Patterns. This 36-page booklet shows how to introduce sequences and series in an entertaining way using computers. 26-2752 . . . . 2.50
My TRS-80 Likes Me. Teacher's guide to helping elementary students understand and enjoy the BASIC computer programming language. 26-2751 . . . . 2.50
TRS-80 Microcomputer Handbook for Educators. This informative booklet describes what microcomputers are and how they can be used in classrooms and for administrative purposes. Discusses costs, courseware and other related subjects that are of special concern to the educator.
26-2757 . . . . 2.50
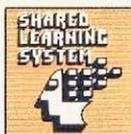
TRS-80 EDUCATIONAL SYSTEMS
Classroom Networks Provide Shared Learning Systems
Our New Network 4 Shared Learning System Brings Up to 63 Student Stations into One System!

Network 4. The Network 4 Shared Learning System will add flexibility and economy to your computer lab or classroom. Our new Network 4 System incorporates some of the most advanced networking technology available to make shared computer learning possible for large groups. Using a twisted pair cable, the Network 4 lets you connect up to 63 TRS-80 Model III or Model 4 computers to a central host computer with a hard disk drive. The student stations can then share the hard disk, each station operating virtually as a stand-alone system. Each user can quickly access a set of teacher-designated programs and data files from the hard disk. Information can be sent from station to station without using the hard disk and reports can be printed on a printer at the host computer.

How It Works. The storage capacity of the host computer's hard disk drive is divided into "volumes" to serve as diskettes for storage by the individual stations. Students in the network can use up to four of these volumes at any time for class activities. Teachers use the system manager's program to create student "accounts". These accounts allow students various levels of access to the teacher-specified volumes.

Network 4 System Requirements. A Network 4 system requires a Model 4 host (requires Master Upgrade Kit, 26-1136), a 15-megabyte hard disk (26-4155), Network 4 Operating Software (26-2773), cables and 64K Model 4 student stations (26-1058). Model III or Model 4 systems can be upgraded with a Student Station Upgrade Kit (26-1137).

Network 4 Operating Software. This specially designed operating software enables student stations to access the hard disk drive and printer of the central host computer. Software includes a program that executes in the host computer and a modified version of TRSDOS 1.3 (with BASIC) to execute in the stations.

Network 4 Operating Software.
26-2773 . . . . 230.00
Student Station. 26-1058 . . . . . 1099.00
Master Upgrade Kit. Requires installation (not included).26-1136 . . . . 299.95
Student Station Upgrade Kit. Requires installation (not included).
26-1137 . . . . 299.95
100-Foot Trunk Cable*.
26-1218 . . . . 16.95
500-Foot Trunk Cable*.
26-1214 . . . . 69.95
1000-Foot Trunk Cable*.
26-1215 . . . . 119.95
Tap Box. 26-1216 . . . . 9.95
Tap Cable. 26-1217 . . . . 9.95

*Trunk cables include termination resistors.

Network 3 Controller

Connect Up to 16 Student Stations to a Single Host

599⁰⁰

III/4. Enables student workstations to access and select lessons stored on host system so teacher is freed from repeatedly loading programs. Under software control, scores can be automatically stored on the host disk for later review. An optional line printer attached to host computer lets students get printouts of their programs without teacher assistance. Designed for use with TRS-80 educational courseware that's Network 3 compatible (pages 37, 38, 39 and 40). Requires operating software (below). Minimum student station: 32K Model III/4 with RS-232C port. Minimum host station: 32K 1-Disk Model III/4 with RS-232C port. Cables available separately. (see page 57). U.L. listed.
26-1212 . . . . 599.00
Network 3 Operating Software. III. Supports the Network 3 host and its student stations. Permits student stations to SAVE and LOAD programs directly to and from the host disk. Printer access requests are spooled at host until printer is free. Operates on Model 4 in Model III mode.
26-2775 . . . . 149.00
Network 3 Hard Disk Operating Software. Allows use of an LDOS-equipped 5-Megabyte (26-1130) or 15-Megabyte (26-4155) Hard Disk at the host computer.
26-2778 . . . . 149.00

TRS-80 Model 4 Student Station Specially Configured for Use with the Network 3 Controller System

899⁰⁰

Runs All Courseware Compatible With Our Network 3 Controller

Includes 64K Memory, Built-In RS-232 Interface and Cable

Now setting up a Network 3 system is easier than ever. This fully-configured student station comes complete and ready to use. Students can load the program they want from the host disk with just a few keystrokes. Student programs can access disk files on the host for storage or retrieval. U.L. listed. 26-1059 . . . . 899.00

Add a TRS-80 Network 2 Controller

Allows Teacher's "Host" System to Up and Down-Load Programs to as Many as 16 TRS-80 Student Stations

All Cables Included # 499⁰⁰

I/III/4/CC/Model 100. Allows easy management of student programs. You can simultaneously load a program into all 16 student systems at either 500 or 1500 baud, depending on the TRS-80 computers used. With optional printer connected to host computer, student programs can be loaded into the host and printed out.

Use with Model I/III/4 as host and student stations, or with Color Computers as host and student stations. The Network 2 can be used to transfer ASCII files with Model 100 student stations and either a Model 100 or a Model 4 host. Controllers can be cascaded to connect more stations. 26-1211 . . . . 499.00

COMPUTER REFERENCE BOOKS

Model 12/16

Model 12 Manuals.
26-4922 . . . . 69.00

Model 16 Manuals.
26-6041 . . . . 85.00

Source Books

NEW! TRS-80 Applications Software Sourcebook. Includes over 5300 ready-to-run programs of all types for sale by a variety of vendors.
26-2114 . . . . 7.95

TRS-80 Agricultural Sourcebook. A complete listing of agricultural programs. Covers specific applications and user levels.
26-2774 . . . . 2.95

Microcomputer News

TRS-80 Microcomputer Newsletter Reprints. The first 20 issues in one volume.
26-2115 . . . . 4.95

TRS-80 Microcomputer Newsletter Reprints. January thru December, 1981 bound in one volume.
26-2240 . . . . 6.95

TRS-80 Microcomputer Newsletter Reprints. January thru December, 1982 bound in one volume.
26-2241 . . . . 9.95

Tandy 2000

Tandy 2000 Programmer's Reference Manual. Information for assembly language programmers, including entry conditions for MS-DOS. 26-5403 . . . . 19.95

Tandy 2000 Hardware Reference Manual. Schematics and theory of operation for trouble-shooting, designing interfaces, more. 26-5404 . . . . 19.95

Reference Manuals

NEW! Getting Started with Radio Shack Printers. How to use print codes and other special features. Explains dot-addressable graphics. Includes BASIC programming examples. 26-1242 . . . . 14.95

NEW! Dictionary of Microcomputer Terms. Clear, understandable definitions, many with illustrations. Reference section of abbreviations, acronyms and symbols. 96 pages. 62-1392 . . . . 2.79

VisiCalc® Applications. Learn how to utilize this versatile forecasting tool. 184 pages. 62-1051 . . . . 12.95

Power of Multiplan™. Get the most out of this "second generation" spreadsheet analysis program. 184 pages.
62-1052 . . . . 12.95

Color Computer

NEW! TRS-80 Color Computer & MC-10 Programs. Features 40 programs: games, quizzes, drills, calculators and more.
26-3195 . . . . 5.95

NEW! The Color Computer Playground. Features 42 entertaining and useful programs. 26-3196 . . . . 7.95

Getting Started With Color BASIC. Learn to write Color BASIC programs with graphics and sound effects. Over 300 pages of instructions written for the beginner.
26-3191 . . . . 5.95

Going Ahead With Extended Color BASIC. Describes features of Extended Color BASIC, including advanced graphics, complex sounds and more. Over 210 pages of instructions. 26-3192 . . . . 5.95

Color Computer Technical Reference Manual. For the "technical-minded". Explains how the Color Computer works—including input/output, joystick ports and more. 26-3193 . . . . 14.95

Color Computer Quick Reference Guide. Features functions, ROM subroutines, handy index and more.
26-3194 . . . . 4.95

Color Computer Graphics. Extensive guide to creating superb color graphics. 256 pages.
62-2076 . . . . 5.95

Color Computer Assembly Language Programming. Comprehensive guide to 6809 instruction, including set and registers, condition codes, addressing and branching, subroutines sound, and more. 256 pages. 62-2077 . . . . 6.95

Color Computer Programs. Over 37 useful and fun programs to key into your computer. 334 pages.
62-2313 . . . . 9.95

Portable Computers

NEW! Model 100 Technical Reference Manual. Theory of operation on Model 100 hardware. 26-3810 . . . . 9.95

NEW! The TRS-80 Model 100 Portable Computer. A complete step-by-step learner's manual. Discusses the capabilities of the Model 100, plus a complete course in Model 100 BASIC. 26-3819 . . . . 14.95

NEW! Portable Computing With the Model 100. Emphasizes practical applications of Model 100. Includes cassette tape with 12 programs. 26-3820 . . . . 14.95

Getting Started on the PC-2. Covers commands and programming tips for the PC-2 and the Printer/Plotter/Interface.
26-3620 . . . . 12.95

New for Tandy 1000

Learning BASIC for Tandy 1000/2000. An excellent tutorial for learning BASIC programming. Written by Dr. David Lien.
25-1500 . . . . 19.95

MS-DOS Reference Manual. Complete reference guide to all MS-DOS commands.
25-1501 . . . . 34.95

GW-BASIC Reference Manual. Complete reference guide to GW-BASIC commands.
25-1502 . . . . 34.95

Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 . . . 14.95

Technical Reference Manual. Includes schematic diagrams and theory of operation on the Tandy 1000 and option boards.
25-1504 . . . . 29.95

Model I/III/4

Model I Level II Manual.
26-2102 . . . . 5.95

Model I Manual.
26-2104 . . . . 5.95

Getting Started with TRS-80 BASIC. Entertaining introduction to Level II and Model III BASIC programming. 342 pages.
26-2107 . . . . 6.95

Model III Disk System Owner's Manual. Covers disk operation and disk BASIC. With helpful programming examples. 161 pages. 26-2111 . . . . 6.95

Model III/4 Owner's Manual. Provides detailed information on operation, including BASIC. 259 pages. 26-2112 . . . . . 5.95

Model 4/4P Disk System Owner's Manual. Covers initial setup, BASIC and applications programs. 26-2117 . . . . . . 17.95

Model 4 Technical Reference Manual. For the assembly language software developer or user. 26-2110 . . . . 24.95

Computer Programming in BASIC for Everyone. Easy-to-understand introduction to writing programs. 156 pages.
62-2015 . . . . 2.95

Basic Computer Language. Self-paced format for Level I BASIC. 232 pages.
62-2016 . . . . 5.95

Level II BASIC. Informative self-instruction course with lots of examples. 351 pages.
62-2061 . . . . 9.95

More TRS-80 Assembly Language Programming. Techniques and projects. Z-80 instruction set and codes. 430 pages.
62-2075 . . . . 5.95

HANDY POCKET COMPUTERS

New! PC-3A Computer with More Memory

- Now with Over Twice the Memory—Full 4K RAM
- Programmable in Easy-to-Learn BASIC Language
- 16 Arithmetic and 8 String Functions Built In
- Measures Only $^3/_8 \times 5^5/_{16} \times 2^3/_4$" ■ Weighs under 4 Oz.

Pocket Computer Model PC-3A. Small enough to fit in pocket or purse, yet gives you real computing power—far beyond that of most programmable calculators. Program PC-3 to solve tough problems, or add the interface and a cassette recorder to use our ready-to-run software (see below). Use strings of up to seven characters. Features 24-character LCD, 10-digit accuracy, two-digit exponents, multiple statements, arrays, edit and trace. Statement compaction squeezes memory space. Automatic power-off saves battery life. Comes with batteries and manual. 26-3589 . . . . 99.95

Add the PC-3 Printer/Cassette Interface

Shown with PC-3 (not included)

119⁹⁵

- Produces Quality Printing on Thermal Paper
- Loads and Stores Programs on Cassette Tape
- Includes Rechargeable Batteries and Charger

PC-3 Printer/Cassette Interface. Get the most from your PC-3 Pocket Computer with our combination thermal dot printer and cassette interface! Prints 24 characters per line at one line per second, with wrap-around. Ideal for program listings and "instant" data printouts at home, office, in the field—anywhere! Add a cassette recorder to load and save your own programs and data on ordinary cassette tape. Slip PC-3 into the Printer/Cassette Interface and you're ready to go! Measures only $1^1/_4 \times 9^7/_{16} \times 3^3/_4$". Includes U.L. listed AC adapter/charger, paper, cable and manual.
26-3591 . . . . 119.95
PC-3 Thermal Paper. $2^1/_4$" wide. 26-3592 . . . . Pkg. of 5/2.49

Get This Completely Portable Pocket Computer System for Under $190

69⁹⁵

- Measures $^3/_8 \times 6^1/_2 \times 2^3/_4$"
- Expandable 544-Character Memory

Pocket Computer Model PC-4. Our lowest-priced pocket computer ever! You can maintain up to 10 programs in memory or combine the programming area to allow longer programs. Each program can be identified with a single-key label and run simply by pressing the specified key. PC-4's BASIC includes 23 commands, 15 functions and 10-digit numeric accuracy. Use just two keystrokes to enter up to 16 common commands, such as LIST and GOSUB. Programs can accept words as data (strings up to 30 characters). Edit and Debug modes make the PC-4 much easier to program than a programmable calculator. The typewriter-style keyboard includes 53 alphabetic keys and a 10-key numeric datapad. The big 12-character LCD scrolls to 62 characters. Functions include trig and inverse trig, radians or gradians, log, exponent, square root, angular conversions and absolute values. With batteries and manual.
26-3650 . . . . 69.95

Pocket Computer Software Library

Need ready-to-run programs for your Pocket Computer? A variety of useful and entertaining software is available on special order for your PC-1, PC-2 and PC-3. These include financial, engineering special-purpose programs and games. Check with your local Radio Shack Computer Center or participating Radio Shack store or dealer for titles available.

Peripherals to Complete Your PC-4 System

PC-4 Cassette Interface

39⁹⁵

PC-4 Cassette Interface. Store and load programs on ordinary cassette tapes! Operates at 300 baud using an optional cassette recorder. Plugs into rear of PC-4. Weighs $8^1/_2$ oz., including batteries. Requires two "AA" alkaline batteries.
26-3651 . . . . 39.95
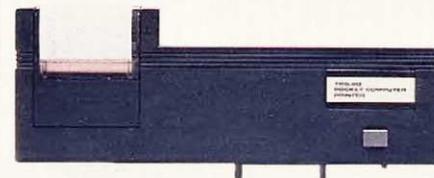
PC-4 Thermal Printer

79⁹⁵

PC-4 Printer. Operates under control of PC-4 to print out programs and data at 20 characters per line (60 lpm) in an electro-thermal 5×7 dot matrix. Plugs directly into PC-4 or PC-4 Cassette Interface. Includes rechargeable batteries and U.L. listed AC adapter/charger that can be used to power the complete PC-4 system.
26-3652 . . . . 79.95
PC-4 Thermal Paper. 65-711 . . . . Pkg. of 5/1.99

1K RAM Module. Triples the memory of your PC-4 for an additional 1024 characters of program and data power. Inserts within PC-4. Only one module may be used. 26-3653 . . . . 19.95

Carrying Case. Custom padded vinyl case protects your PC-4, printer and cassette interface wherever you go. Zippered opening. Pocket for AC adapter/charger. 26-3654 . . . . 7.95

NEW LOW PRICE! COLOR COMPUTER
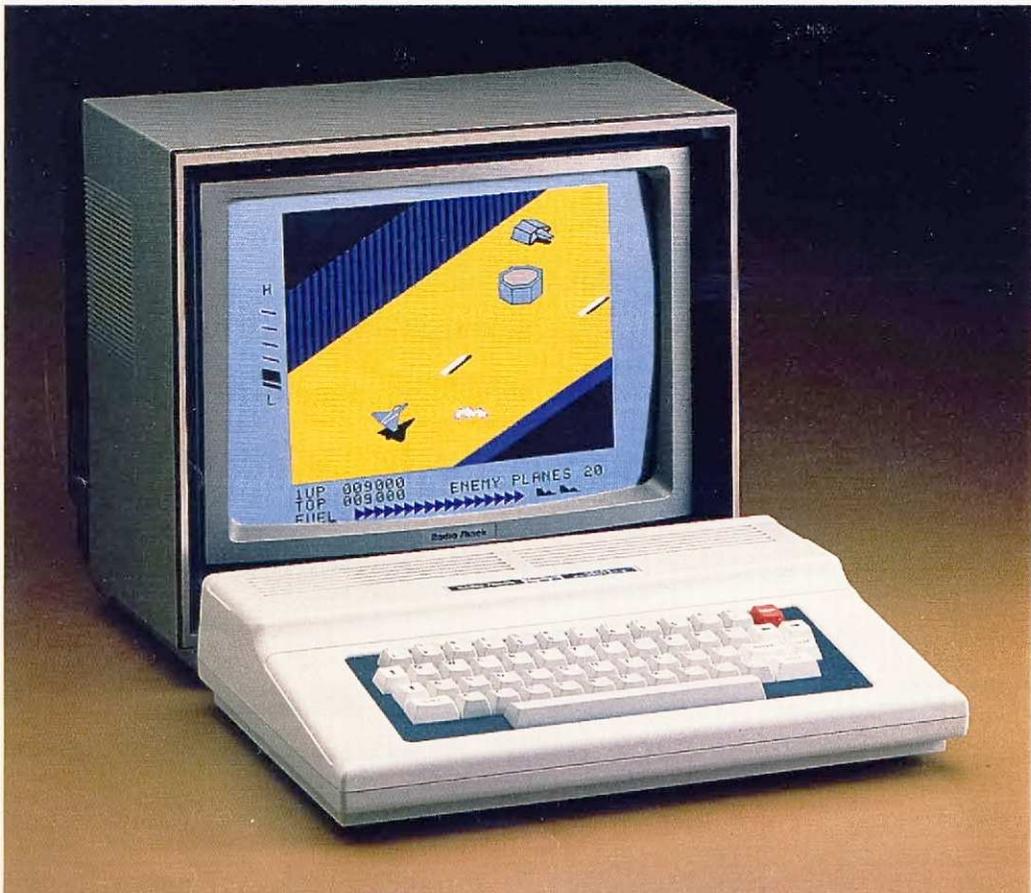
Write Advanced Programs and Create Detailed Color Graphics

219⁹⁵

USE YOUR
Radio Shack CITILINE YOUR CARD

Was $259.95 in Cat. RSC-12

- Access 32,000 Characters of Memory Using Extended BASIC Language
- Add Our Optional Operating System and a Disk Drive to Access 64K
- Powerful Software Now Available to Take Advantage of the 64K Memory

64K Extended BASIC Color Computer 2. An affordable computer for many business, professional and advanced home uses. Simple, one-line commands make detailed color graphics easy to create. Ideal for drawings, designs, business charts, engineering diagrams, even animation. Use our Program Pak™ cartridges for education, entertainment, personal and household tasks. Features 256×192 screen resolution (49,152 pixels); multi-character variable names (two significant); string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; specific error messages; and PEEK, POKE and USR commands. Compact white case with typewriter-style keys. Easy to expand with disk drives, printer, plotter, telephone modem and more. Attaches to any TV. Includes tutorial manuals on Standard and Extended Color BASIC. U.L. listed.
26-3127 . . . . 219.95

SPECIFICATIONS. (See page 46 for additional specs.) **Microprocessor:** 6809E 8-bit. **Clock Speed:** 0.894 MHz. **Video Display:** 16 lines of 32 characters (upper case only). **Graphics:** 64×32 (8 colors) to 256×192 (1 color and background color). Three intermediate formats. Higher resolutions in the same range are available through machine language, Extended BASIC or Program Paks. **Memory:** 16K ROM. 64K internal dynamic RAM. **Commands/Statements:** CIRCLE, CLOADM, COLOR, CSAVEM, DEF FN, DEFUSRn, DEL, DRAW, EDIT, GET, INSTR, LET, LINE, LINE INPUT, MIDS$, PAINT, PCLEAR, PCLS, PCOPY, PLAY, PMODE, PRESET, PRINT USING, PSET, PUT, RENUM, SCREEN, TROFF, TRON. **Functions:** ATN, COS, EXP, FIX, HEX$, LOG, PEEK, POS, PPOINT, STRING$, SQR, TAN, TIMER, USRn.

New! Increase Your Data Storage Capacity with a Color Computer Thinline Disk Drive

NEW FOR '85

1st Drive
349⁹⁵

AS LOW AS
Radio Shack CITILINE $20 PER MONTH

- 156,672 Characters of User Storage Per Diskette
- Quick and Easy Access to Programs and Data
- Plugs into Your Computer's Program Pak Port or Multi-Pak Interface
- Add a Second Built-In Disk Drive at Anytime

Disk Operating System Is Stored in ROM and Uses Only About 2K of Memory

Color Thinline Disk #0 Kit. Turn any Color Computer with Extended BASIC into a complete disk system! You can write your own sophisticated disk applications or add our ready-to-run software. The Color Disk Operating System is fully contained in the controller Program Pak, so the full 156K-byte disk capacity is available for on-line storage. Includes 5¼" double-density, 35-track floppy disk drive, plug-in Program Pak cartridge with cable, one blank 5¼" diskette, reference manual and operator's instructions. A second drive may be added (requires installation, not included). U.L. listed. 26-3129 . . . . 349.95

Complete and Affordable Color Disk System

Attach to Your TV and Start Programming!

Save $173⁹⁰

Reg. Separate Items 1173.85

999⁹⁵

AS LOW AS
Radio Shack CITILINE $45 PER MONTH

- 64K Color Computer 2
- Color Disk Drive #0 ■ Printer Cable
- Letter-Quality DWP-210 Daisy Wheel Prints Text at 200 Words Per Minute
- Ready-to-Run Disk Software Available

System includes 26-3127/3129/1257/3020

44

COLOR COMPUTER DISK SOFTWARE

Color Computer Disk Games for Spine-Tingling Family Enjoyment

Shamus

NEW FOR '85 **29⁹⁵**

Wind your way through the mazes filled with ROBO-DROIDS, WHIRL-ING DRONES and SNAP JUMPERS in search of the shadow.
26-3289 . . . . 29.95
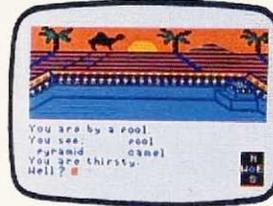
Sands of Egypt

Combines Strategy With Graphics **29⁹⁵**

Can you crack the secret of the ancient Tomb of Ra in your allotted number of moves and escape with the desert treasure?
26-3290 . . . . 29.95

NEW! Flight Simulator. Take off into the wild blue yonder! Learn the basics in instrument recognition, manual control of ailerons (pitch and roll), compass readings, take-off and landing requirements, and much more. Joystick required.
26-3108 . . . . 24.95

NEW! Desert Rider. How long do you think you can you survive this treacherous, grueling motorcross track? If you find the stamina for the spills and thrills, you'll become a Desert Racer Hall of Fame member. Joystick required.
26-3292 . . . . 29.95

NEW! Ghana Bwana. You're in an outrigger trying to reach the island, but natives are hurling spears. You can turn back, but the sea is infested with hungry sharks. Survive the attack, find the key to obtain the treasure and win! Joystick required.
26-3293 . . . . 29.95

Color Disk Software for Education and Personal Productivity

KIDWRITER Storybook

NEW FOR '85 **29⁹⁵**

Lets your children create their own storybook with colorful scenes and music. Hours of imaginative fun for beginners or those with previous Color Computer experience.
26-3249 . . . . 29.95

NEW! DYNACALC. A powerful electronic spreadsheet. Features up to 256 columns or 256 rows of cells—each cell can hold a number, string or expression. Built-in numeric functions and 16-digit precision (15 for transcendentals). Strings can be up to 127 characters in length. Formatting features include left or right-justified strings, vertical or horizontal split screen, and varying column widths. The worksheet can be sorted numerically, alphabetically or both. Printer support provided. Uses the standard 32 × 16 display. Requires 64K and OS-9 boot capability.
26-3275 . . . . 99.95

NEW! OS-9 SCRIPSIT. An advanced—yet easy to learn and use—word processing program that's ideal for long reports, instruction manuals and form letters. Features include unlimited document size, merging data from two files for form letters, automatic handling of references to other pages, automatic generation of a table of contents and an index, user-defined keys for activating special printer features, user-defined keys for rapid entry of multiple keystrokes, dynamic changing of margins, tabs, line widths, etc., and much more. Requires 64K and OS-9 boot capability.
26-3276 (Avail. 2/28/85) 99.95

NEW! COOKBOOK. Two programs in one! An all-purpose "menu planner" suggests complete meal menus which are tasty, culinarily correct and dietarily balanced. A "recipe index file" allows you to enter and store your own favorite recipes—or the computer can create new ones from your suggestions.
26-3257 . . . . 39.95

NEW! Investograph. Charts stocks and trends. Features high-resolution graphics.
26-3258 . . . . 49.95

NEW! C Compiler. A high-level language that produces assembly language source code for the 6809 microprocessor. You can easily develop applications that up until now required complex machine language programming. Best of all, almost any application written in C can be transported from a UNIX system to an OS-9 system, recompiled and correctly executed. Requires OS-9 disk operating system.
26-3038 . . . . 99.95

NEW! PASCAL-09. A complete implementation of this structured programming language with enhancements for expanded input/output and the OS-9 environment. It produces either "p-code" for interpretive execution or assembly language source code for the 6809 microprocessor. Requires OS-9 disk operating system.
26-3034 . . . . 99.95

NEW! TRSCOPY. Allows transfer of text files between "OS-9" disks and "Color Computer Disk BASIC" disks. Text files are copied without modification.
26-3263 . . . . 24.95

NEW! TSEDIT. A high-resolution screen editor that allows upper and lower case in lines from 32-80 columns.
26-3264 . . . . 34.95

OS-9 Disk Operating System. A real-time operating system that accesses the entire memory of our 64K Extended BASIC Color Computer. OS-9 includes a powerful editor/assembler, plus functions for disk and terminal input/output, software memory management and multi-tasking. Includes complete documentation, reference manual and diskette. 26-3030 . . . . 69.95

BASIC-09. An enhanced version of standard BASIC written for the 6809 microprocessor. Includes advanced features derived from PASCAL. Interactive compiler produces compact object programs for high-speed execution. Requires OS-9 disk operating system. 26-3036 . . . . 99.95

Color Disk Editor/Assembler. Develop your own 6809 programs and subroutines. Features printer output pagination, assembler macro facility with automatic symbol generator, and ZBug for quick and easy testing. A memory-saving INCLUDE facility allows source code to be stored in separate files. 26-3254 . . . . 59.95

Color Disk Graphics. Create, plot and label vertical or horizontal bar, pie and line charts. 26-3251 . . . . 49.95

Color Disk Profile. A personalized data base for household and business records. Create up to 256 data fields. Define up to four primary and four secondary search keys. Includes password protection and convenient reallocate facility for easy insertion of new data. 26-3253 . . . . 59.95

Color Disk SCRIPSIT. An easy-to-use word processing program that offers optional upper and lower case display and background printing. Insert, delete, move and duplicate words, sentences, even whole paragraphs.
26-3255 . . . . 49.95

NEW! Color SCRIPSIT Dictionary. Use with Color Disk SCRIPSIT to check for spelling errors automatically!
26-3265 . . . . 59.95

Color Disk Spectaculator. A spreadsheet analysis program. Simply enter numbers and formulas in row and column format. Change a value or formula and Spectaculator will recalculate and display all affected figures on command. 26-3256 . . . . 49.95

Color Disk Personafile. Get fast access to household data. Keep track of inventories, addresses, medical histories and more.
26-3260 . . . . 49.95

Cash Budget Management. A sophisticated personal or small business bookkeeping program. Enter income and expense amounts into the built-in petty cash, checking and savings accounts. Deposit and debit calculations are automatic. Features ready-to-use income, expense and cash categories—or you can define your own. 26-3261 . . . . 49.95

POPULAR COLOR COMPUTER 2

NEW FOR '85

Create Vivid
Color Graphics With
Exciting Sound Effects and Music

16K Standard BASIC

119⁹⁵ Less TV

USE YOUR Radio Shack CITILINE

Standard BASIC Color Computer 2. Use the built-in BASIC language to create spectacular 8-color graphics, or use our instant-loading Program Pak™ cartridges to manage finances, help your kids develop math and reading skills or play exciting outer space and sports games! Features compact white case and low-profile electric typewriter-quality keyboard. Expand with a printer, a telephone modem, more memory, a cassette recorder or up to four disk drives. Includes entertaining 185-page beginner's manual. U.L. listed.
26-3134 . . . . 119.95

16K Extended BASIC

159⁹⁵ Less TV

USE YOUR Radio Shack CITILINE

Extended BASIC Color Computer 2. The perfect tool for setting up a home budget, tracking investments or learning to write your own programs. Includes all the features of the Standard Color Computer 2, plus advanced programming capabilities to make superb color graphics using simple one-line commands. Includes PEEK, POKE and USR commands, multi-character variable names, string arrays up to 255 characters, full-featured editing and tracing. Includes tutorial manual on Standard and Extended BASIC. U.L. listed.
26-3136 . . . . 159.95

SPECIFICATIONS. Microprocessor: 6809E 8-bit. **Clock Speed:** 0.894 MHz. **Keyboard:** 53 keys, including BREAK and CLEAR. **Video Display:** 16 lines of 32 upper case characters. Color graphics capabilities range from 32 × 64 (8 colors) to 192 × 256 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language, Extended BASIC or Program Paks. **Memory:** Color BASIC is in 8K ROM, Extended Color BASIC is an additional 8K ROM. 16K internal dynamic RAM. **Input/Output:** 1500-baud cassette (recorder optional). Two 2-dimensional joysticks (optional). RS-232C serial I/O port. Standard TV connection (300 ohms). **Interrupt Timer:** Accessible from Extended BASIC or machine language only. **Dimensions:** 3 × 10³⁄₈ × 14³⁄₄″. **Power:** 120VAC. 60 Hz.

Introducing Our Touch Pad for Graphics

NEW FOR '85

59⁹⁵

Use As a Graphics Tablet to Write or Draw on Your Tandy 1000 or Color Computer Screen

Touch Pad by Koala Technologies. The friendly, easy way to use your Color Computer! Ideal for creating free-hand graphics—simply touch the tablet's surface with your finger or the included drawing pen. Use the Touch Pad like a paddle controller or joystick—compatible with Color Computer games and programs. With instructions. 26-1185 . . . . 59.95

Start Computing Today! Economical Color Computer Cassette System

349⁹⁵ Less TV

Reg. Separate Items 384.80

AS LOW AS '20 PER MONTH

- 16K Standard BASIC Color Computer 2
- CCR-81 Computer Cassette Recorder
- CGP-115 Color Graphics Printer
- Printer Interface Cable
- Ready-to-Run Cassette Software Available

Color Upgrade Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. 26-3015 . . 49.00*

Low-Profile Keyboard Kit. Can be fitted to all previous models. 26-3016 . . . . 39.95*

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same 64K memory used in our #26-3127.
26-3017 . . . . 69.95*

Extended Color BASIC ROM Kit. Upgrades a Color Computer for advanced graphics capabilities. Requires 16K.
26-3018 . . . . 39.95*

*Upgrade kit prices do not include required installation. Some installations may require additional-cost hardware.

COLOR COMPUTER ACCESSORIES

Our New Electronic Book Makes Learning Fun and Easy for Children of All Ages

NEW FOR '85 **24**⁹⁵

- Touch-Sensitive Surface Allows Kids to Answer Questions
- Programs Teach Different Concepts
- Pre-School Age Children Can Get Ahead by Learning at Home

Electronic Book. Your kids will spend hours learning the fun way! Each of the optional software packages contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make selections. Interactive routines make learning a game. Choose from six different programs (described below and at right). Safe for kids to use, too—plugs into joystick port. Requires 16K. 26-3141 . . . . 24.95

Solar Explorer. Uses the theme of space travel to give information about the planets in the solar system and the earth's moon. Requires 32K.
26-2546 . . . . 19.95

Word Wizard. A spelling game where kids "shoot" the answer. 26-2544 . . . . . 19.95

Shape Maker. Identify geometrical shapes and make designs. 26-2542 . . . . . . 19.95

Professor Pressnote's Music Machine. Teaches concepts of music, including length of notes and how they fit together. Requires 32K. 26-2573 . . . . 24.95

Maze Master. An introduction to computer use. Children solve mazes by writing instructions.
26-2541 . . . . 19.95

The Number Factory. One number goes "in", another comes "out". What was the math operation?
26-2543 . . . . 19.95

## Accessories for Action-Packed Fun, Communications and System Versatility

[A] [B] [C] [D] [E]
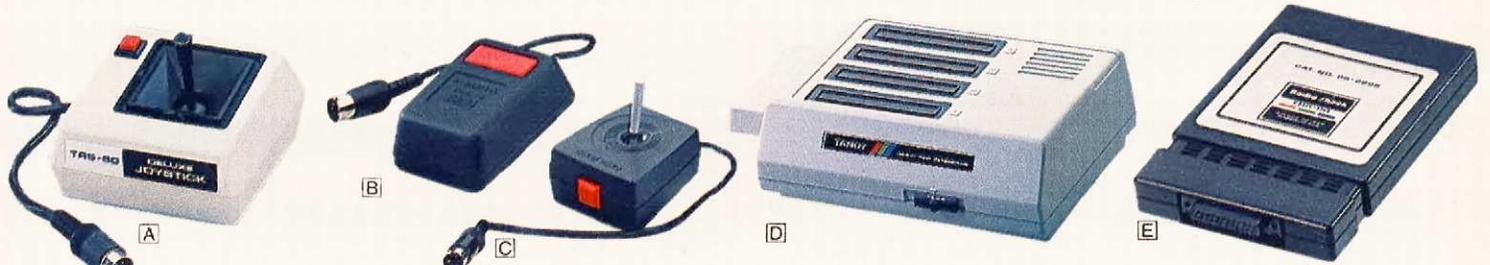
[A] Deluxe Joystick. Get accurate cursor control and quicker response. Dual-axis trim controls. 26-3012 . . . . . . Each 39.95
[B] Color Mouse. Adds speed and ease to games and graphics creation. Simply "roll" across tabletop to position cursor. Use alone or with a joystick. 26-3025 . . 49.95

[C] Joysticks. Fast 360° movement! Single-shot button. 26-3008 . . Pair/24.95
[D] Multi-Pak Interface. Connects up to four Program Pak™ cartridges to your Color Computer at once! Connects disk drives and other accessories, too. U.L. listed. 26-3124 . . . . 99.95

[E] Deluxe RS-232 Program Pak. Lets you communicate with major information services (CompuServe and Dow Jones News/Retrieval) and with other computers over telephone lines. Frees serial port for optional printer. Requires modem.
26-2226 . . . . 79.95

Appliance/Light Controller

NEW FOR '85

99⁹⁵

Program Up to 128 Events for Total 24-Hour Control

USE YOUR Radio Shack CITILINE

Simply connect lights and appliances to Plug 'n Power™ remote control modules (sold separately at Radio Shack), attach the controller to your Color Computer, then program all desired times and events. All data is transferred to the controller—your computer is left free for other uses. Battery backup provision (requires 9V battery). U.L. listed. 26-3142 . . . . 99.95

Sound/Speech Cartridge

NEW FOR '85

99⁹⁵

Now Add Sound, Three Voices and Noise to Your BASIC Programs

USE YOUR Radio Shack CITILINE

This amazing new programming enhancement lets you hear what you've only been seeing. Just plug it into the Program Pak port of your Color Computer and you can add sound and voices to your BASIC programs using PEEK and POKE commands. It even lets you add text to the speech in your programs. The possibilities are almost endless. 26-3144 . . . . 99.95

Cassette Recorders

NEW FOR '85

Low As
49⁹⁵

CCR-82
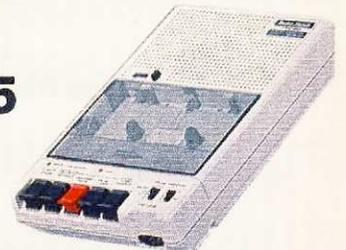
Designed For our Computers

NEW! CCR-82. Features sound monitor, volume control with preset marker, and pause. Requires four "AA" batteries or optional AC adapter. 26-1209 . . . . 49.95
CCR-81. Cue/review and tape counter. U.L. listed AC operation or four "C" batteries (not included). 26-1208 . . . . 59.95

COLOR COMPUTER SOFTWARE
## Put Your Color Computer to Work with These Helpful Programs

Color File

24⁹⁵

A Low-Cost Filing System for Your Color Computer

Versatile, Easy to Use

File away your records electronically! Color File lets you quickly store, retrieve and use various types of important data, such as addresses, warranties and personal records. Easily alphabetize, select, examine, print, change and save your information. Comes pre-set with seven ready-to-use files—or you can create your own. Requires cassette recorder.
26-3103 . . . . 24.95
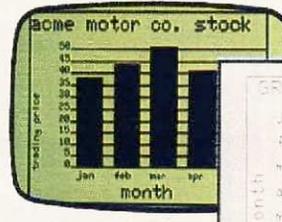
Graphics Pack

39⁹⁵

Choose from Four Different Chart Formats

For Multi-Use Chart Plotting
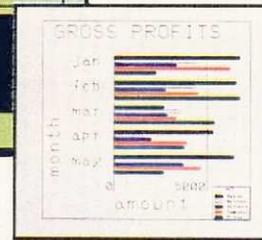
Easily create and plot a variety of charts and graphs! Graphics Pack lets you display them on your screen in color, or print them using an optional graphics printer. Chart formats include vertical or horizontal bar charts, pie charts and line charts. And you can label the lines used on your graphs with a key "legend." Save your charts on cassette tapes with an optional cassette recorder.
26-3157 . . . . 39.95

Spectaculator

Do your planning, forecasting and problem-solving with this "electronic spreadsheet." Just enter numbers and formulas, and Spectaculator will calculate and display the results on command, saving you time and effort. Enter new figures and it updates all related numbers. Answers "What if . . . ?" questions—ideal for financial projections. Up to 99 rows and columns. Add headings, even "erase" worksheet and leave format intact. Cassette recorder recommended.
26-3104 . . . . 34.95

Color SCRIPSIT®

Fast, easy and powerful word processing at a very low price! No more messy erasure marks or runny correction fluid. Type and edit your letters, themes and reports right on the screen. Insert, delete, move and duplicate words, sentences, even whole paragraphs. Text can be saved on tape (recorder optional) or printed "correction-free" with optional printer (outputs upper and lower case). Includes text search and replace.
26-3105 . . . . 34.95

Personal Finance II

Set up a budget to see where all your money is going! Learn where to correct bad financial habits. Features 26 major expense categories: auto, gas, clothing, food, retirement, more. Review expenditures on a year-to-date or category basis. Includes printouts and graphs.
26-3106 . . . . 34.95

New! Color Screen Print Utility

Provides multi-color printouts of color graphics scenes produced from any graphics program. For use with color ink-jet printer (26-1268) or any dot-matrix printer with bit-image capabilities for black and white printouts. Requires 16K Extended BASIC and cassette recorder. 26-3121 . . . . 9.95

Handyman

Makes a do-it-yourselfer's work easier! Embarking on a home improvements program or lawn project? Just feed in the measurements and Handyman will tell you how much lumber, paint, insulation, fertilizer, sand, gravel, etc. you'll need. Handyman helps you compare prices, too. 26-3154 . . . . 29.95

Editor/Assembler

Develop 6809 software programs or subroutines. You get trial assembly of object code and execution of your program in-memory before final assembly to tape, an editor that enables you to change your program and reassemble, and Z-Bug for quick and easy testing. Requires 16K. 26-3250 . . . . 49.95

Color Compac

Cassette-based program features the software to configure your Color Computer's serial port for communication. Access major data bases, plus transmit and receive BASIC programs and machine language routines by phone. Requires modem, cable and cassette recorder. 26-3330 . . . . 29.95

Cassette Software for the MC-10

Micro Color Compac. Configure your MC-10's serial port for communications. Access major news and financial data bases, such as CompuServe and Dow Jones News/Retrieval for the most up-to-date information (requires modem and cable). Package contains user I.D. numbers and complete user's guides for each of these two services (see page 27 for more information on communications and data base services). 26-3350 . . . . 29.95

Micro Color Checkers. Try your skill against the computer's in this all-time favorite. Great fun for beginners, as well as "old pros". 26-3360 . . . . 8.95

Micro Color Games Pak. Includes five different games! Play Lunar Lander, Breakout, Pong, Horse Race and Egg Hunt! Fun for the whole family. 26-3361 . . . . 9.95

Micro Color Math/Design Package. Two programs in one! "Mini-Calc" functions like a hand-held calculator. Performs addition, subtraction, division and multiplication; finds sine, cosine and tangents; and more. "Spirals" lets you design and plot a large variety of polygonal spirals in four colors. A great learning aid. CGP-115 Color Graphics Printer is recommended for Spirals. 26-3362 . . . . . 9.95

Micro Color Lostworld Pinball. Stone-age pinball fun! Two cavemen hit boulders with sticks trying to bounce them off dinosaurs. Great arcade-style action and excitement! Requires 16K RAM Module (26-3013). 26-3363 . . . . 9.95

Don't See the Software You Need? Try Our Software "Hotline"

- **Choose from Additional Titles Not Shown in Our Catalog**
- **Software Available for Color Computers**
- **No Extra Charge for This Service**

Your nearby Radio Shack store or Computer Center has a special hotline for ordering selected software packages not listed in our catalogs. So if it's not in our stores, we'll special-order it for you via our Hotline and have it ready for pickup in just a few days. We're your one-stop center for game cartridges, utility programs and much more. Place your order today!

48

LEARN WITH THE COLOR COMPUTER

NEW! Facemaker. Helps children become comfortable with computer fundamentals by playing fun, simple games. The child builds a face by choosing eyes, noses, etc., then makes the face smile, wink, frown or wiggle its ears. 26-3166 . . . . 29.95

NEW! Kids on Keys. Children learn with the computer keyboard as they identify numbers, letters and words. 26-3167 . . . . 29.95

NEW! Kindercomp. Kids create colorful pictures, or enjoy colors and sounds as they press different keys. 26-3168 . . . . 29.95

NEW! Fraction Fever. Helps develop an understanding of what a fraction is, and the relationships between them. As the child hops on a graphic "pogo stick", he or she searches for matching fractions to gather points. 26-3169 . . . . 29.95

NEW! Alphabet Zoo. Children learn to associate letters of the alphabet with the sounds they represent in two humorous games. Players can pick the skill level that best suits them. And for younger children, there's a continuous display of the alphabet accompanied by pictures and music. 26-3170 . . . . 34.95

Art Gallery. Draw landscapes, seascapes, still lifes, cartoons and more using superb graphics with up to eight colors. Save results on tape with an optional cassette recorder. With 27 images (more available). Joysticks (optional) can be used as brushes. 26-3061 . . . . 39.95

Wildcatting. Strategy game in the oilfields. One to four wheeler dealers pick drilling sites. Hit a gusher and you're in the money. Player with highest profits wins. 26-3067 . . . . 24.95

Robot Battle. Challenge another player to see whose programming skills produce the conqueror robot! 26-3070 . . . . 29.95

Micropainter. An electronic "coloring book"! Load picture into computer and "paint" what appears on the screen. Three palettes, each with four colors. Save results with optional cassette recorder. With 8 pictures (more available). Joysticks optional. 26-3077 . . . . 34.95

Crosswords. Two great word games in one package—fascinating and educational for any age. You work against the clock to make as many words as you can from letters on the screen. Or pick from a letter "pool" to make the highest-scoring word. It's the first word in fun! 26-3082 . . . . 24.95

Atom. * A game designed to introduce the subatomic world of elements through building atoms. Teaches the names of elements, their atomic numbers, configurations and main properties. Includes beautiful wall poster. 26-3149 . . . . 19.95

Bingo Math. * Three games to make math fun! Includes Bingo, Speed Math and Number Hunt. 26-3150 . . . . 24.95

Bridge Tutor. A grand slam for beginning bridge players. One hundred different hands—each completely analyzed. Play South, East or West, or exchange with partner. Computer grades bidding and gives advice. 26-3158 . . . . 24.95

Games from the People Who Brought You Sesame Street!

Taxi. * * * A Cooperative Strategy Game. Kids earn fares and tips and learn to make change as they drive taxis through six cities from New York to Shanghai. For ages 7-up. 26-2509 . . . . 19.95

Star Trap. * * * A Cooperative Strategy Game. Players race through a maze to trap a slippery star. For ages 7-up. 26-2510 . . . . . 19.95

Grover's Number Rover. * * A Basic Skills Game. Grover is counting on you to help him with numbers! For ages 3-6. 26-2522 . . . . 19.95

Peanut Butter Panic. * * * A Cooperative Strategy Game. Players catch stars to make sandwiches and score points! For ages 7-up. 26-2523 . . . . 19.95

Ernie's Magic Shapes. * * A Basic Skills Game. Help Ernie match shapes and colors. For ages 3-6. 26-2524 . . . . 19.95

CCW programs require Extended BASIC.

CCW
CHILDREN'S COMPUTER WORKSHOP
AN ACTIVITY OF
CHILDREN'S TELEVISION WORKSHOP

Big Bird's Special Delivery. * * * A Basic Skills Game. Match pictures to help Big Bird deliver his packages. For ages 3-6. 26-2525 . . . . 19.95

Cookie Monster's Letter Crunch. * * * A Basic Skills Game. Match letters and words to feed Cookie Monster. For ages 3-6. 26-2526 . . . . 19.95

Grobot. * * * A Creative Exploration Game. Challenging action in which players plant, protect and harvest an outer space "astrogarden". Encourages quick thinking and good planning. For ages 10-up. 26-2527 . . . . 19.95

Time Bound. * * * A Creative Exploration Game. Learn historical facts and use them to plan an escape for Ankron. For ages 10-up. 26-2528 . . . . 19.95

Flip Side. * * * A Creative Exploration Game. Change as much of the board to your color as you can. Players learn to think and plan ahead. For ages 10 and up. 26-2529 . . . . 19.95

Learn With Disney Characters!

WALT DISNEY
PERSONAL COMPUTER SOFTWARE

Telling Time with Donald. * * Learning to tell time is easy with Donald Duck. For ages 5-8. 26-2530 . . . . . . 34.95

Problem Solving with Scrooge McDuck. * * Discover the value of estimating with Scrooge McDuck and how to read graphs with Goofy. For ages 9-13. 26-2531 . . . . 34.95

Mickey's World of Writing. * * Youngsters learn sentence structure and basic writing skills with Mickey Mouse. For ages 8-11. 26-2532 . . . . 34.95

Goofy Covers Government. * * Reporter Goofy explores our government. For ages 8-11. 26-2533 . . . . 34.95

Mickey's Alpine Adventure. * * Learn with Mickey Mouse and Donald Duck about the sounds of vowels and consonants. You'll also learn important spelling rules. 26-2534 . . . . 34.95

Math Adventures with Mickey. * * Mickey Mouse and friends teach problem-solving and how to use decimals. For ages 9-13. 26-2535 . . . . 34.95

Space Probe: Reading. * * Outer-space adventure that develops important reading comprehension skills. For ages 10-15. 26-2536 . . . . 34.95

Space Probe: Math. * * In an interstellar atmosphere, youngsters learn about word problems and the concepts of area and perimeter. For ages 7-14. 26-2537 . . . . 34.95

Develop Reading and Vocabulary Skills with the Color Computer

Fun with Reading. Each package includes an illustrated reader, a read-along cassette tape, and a computer tape with spelling and vocabulary exercises with immediate feedback. For grades 4-6.

Dracula. * * Based on the classic tale of horror by Bram Stoker. 26-2550 . . . . 19.95

The Hound of Baskervilles. * * Follow the clues with Sherlock Holmes and Dr. Watson. 26-2551 . . . . 19.95

Moby Dick. Adventure on the high seas in search of the great white whale! 26-2552 . . . . 19.95

20,000 Leagues Under the Sea. * * Explore the strange underwater world of Captain Nemo. 26-2553 . . . . 19.95

Vocabulary Tutor. Match words with their definitions and place words in the appropriate sentences. For grades 3-5.

Vocabulary Tutor 1. * * 26-2568 . . . . 8.95

Vocabulary Tutor 2. * * 26-2569 . . . . 8.95

Color Computer Learning Lab. * * Self-teaching course in standard Color BASIC. 26-3153 . . . . 49.95

NEW! Assembly Language Tutor. Self-teaching guide to 6809 assembly language programming. 26-3148 (Avail. 3/30/85) 49.95

NEW! Color Math. Math skills for ages 6-14. Includes problems in addition and subtraction. 26-3201 . . . . 19.95

---

*Joysticks required. **Cassette recorder required. ***Joysticks and cassette recorder required.

49

EXCITING COLOR COMPUTER GAMES

Introducing Four New Instant-Loading Games for the Whole Family

New! Stellar Lifeline

19⁹⁵ **Trail Blazers in Space!**

You're commanding a spaceship "convoy" travelling between star bases. Clear the path of asteroids, magnetic mines and alien attack ships. 26-3047 . . . . 19.95

New! Demon Attack

29⁹⁵ **You're Under Attack!**

Protect the planet from a band of invading demons—all trying to destroy your home. Be careful—this is just the beginning! 26-3099 . . . . 29.95*

New! Androne
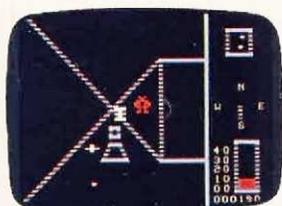
19⁹⁵ **High-Tech "Bug" Killer!**

Your computer has been invaded by Data Bugs. Call on Androne, a user-controlled robot to hunt through your memory banks and "de-bug" them. 26-3096 . . . . 19.95

New! Downland
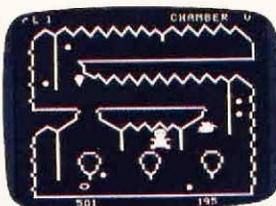
24⁹⁵ **Become a Spelunker!**

Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so watch out! 26-3046 . . . . 24.95

Enjoy the Challenge and Adventure of These Color Computer Games

Instant-Loading Program Pak™ Games for the Whole Family

NEW! Spidercide. Escape the spider's silky trap! 26-3049 . . . . 19.95*

Skiing. Race against time to the finish. 26-3058 . . . . 29.95*

Color Backgammon. The classic game of strategy and luck—a great way to sharpen your skill. The computer can even double the ante. 26-3059 . . . . 17.95

Galactic Attack. Enemy spaceships dive bomb your fortification. If you destroy this squadron, the enemy reverts to a deadly night attack. 26-3066 . . . . 24.95*

Gomoku and Renju. Classic Oriental game of strategy! Requires placing five men in a row. A challenge that can take hours! 26-3069 . . . . 19.95

Poltergeist. Based on the hit movie! First, find clues. Then, climb stairs. Third, destroy the poltergeist. 26-3073 . . . . 29.95

Color Cubes. Solve that maddening cube puzzle on your computer! Save your position with optional tape recorder. 26-3075 . . . . 29.95

Mega-Bug. A maze of fun! Try to lose the little "buggers" hot on your trail. Excellent color graphics. 26-3076 . . . . 29.95*

Castle Guard. Defend your castle from the giant fireball using Merlin's magic pikes! Great color graphics. 26-3079 . . . . 24.95*

Tennis. "Volley" against the computer or another player. Realistic action requiring tennis strategy. 26-3080 . . . . 24.95*

Monster Maze. Search for stacks of gold in an evil dungeon. Take care—laser-firing monsters could be around the next corner! 26-3081 . . . . 24.95*

Gin Champion. Plays 16 different versions of gin at 10 different skill levels. Great for beginners—who want to learn basic technique—or seasoned players. 26-3083 . . . . 29.95*

Slay the Nerius. Defend your submarines against deadly starfish and the ancient seaworm—the Nerius. A fast-action arcade-type game. 26-3086 . . . . . 24.95*

Clowns and Balloons. Bounce the clown with your net to pop the balloons overhead! Be careful—don't let the clown hit the ground! 26-3087 . . . . 29.95*

Canyon Climber. As a cliff-hanger, you're challenged by one test after another—kicking goats, zinging arrows and falling objects. 26-3089 . . . . 34.95*

Double Back. As you "double back" to catch your own tail, try to encircle the "safe" screen objects to gain points in this tricky game. 26-3091 . . . . 19.95*

Reactoids. Prevent meltdown! Take control of the nuclear reactor's computer system to contain the atoms. 26-3092 . . . . 19.95*

Dungeons of Daggorath. You're pitted against a succession of awesome beasts. Each victory brings you closer to your ultimate opponent—the evil wizard. 26-3093 . . . . 29.95*

Star Blaze. Protect the Milky Way! Radar indicates menacing vessels nearby. Seek, destroy and check radar again. Red Alert! 26-3094 . . . . 19.95*

Baseball. Plays just like the real game! Fantastic graphics. Control pitching, running and defense. Make big-league decisions. 26-3095 . . . . 24.95

Cassette Game Software for Your Color Computer

NEW! Radio Ball. A deluxe, high-resolution pinball game. Requires 32K. 26-3319 . . . . 19.95***

NEW! Pooyan. Take aim with your bow and arrows to protect the piglets from the wolves. Requires 32K. 26-3048 . . . . 29.95***

Klendathu. Based on Robert G. Heinlein's "Starship Trooper"! The planet Klendathu is crawling with giant bugs! Destroy the deadly "soldier" insects. 26-2567 . . . . 14.95***

Zaxxon. Dodge missiles, blow up fuel tanks and radar towers and zap the enemy fleet—then match wits with ZAXXON himself! 32K required. 26-3062 . . . . 34.95***

Pyramid. Perilous adventure game! Explore the ancient pyramid's unknown passages for treasures! Carefully make your way past deadly hazards. 26-3310 . . . . 14.95**

Raaka-Tu™. Venture into the temple of a lost civilization. The clever can gain vast treasures. Draw on your knowledge of magic and medicine. 26-3311 . . . . 14.95**

Bedlam. You're "in" and you want to get out of this nutty place! But can you trust Napoleon or the guy who calls himself X-Ray? 26-3312 . . . . 14.95**

Madness and the Minotaur. Beware of the mystical Minotaur and other strange creatures as you search the labyrinth for hidden treasure. 26-3313 . . . . 14.95**

Card Games. Six games in one! Solo Poker, Solitaire and Black Jack for adults. Kids will love Fish, The Last Pirate and War. 26-3320 . . . . 19.95**

*Joysticks required. **Cassette recorder required. ***Joysticks and cassette recorder required.

COLOR GRAPHICS PRINTERS

Revolutionary Color Ink-Jet Printer

699⁰⁰

AS LOW AS $32 PER MONTH

- High-Resolution, Drop-on-Demand Ink-Jet System
- Prints in Seven Vivid Non-Smearing Colors
- Incredible, Super-Quiet Operation

CGP-220. A true price breakthrough in ink-jet print technology. Quietly prints text and graphics in yellow, violet, red, green, cyan, magenta and black! Prints 2600 dots/second in graphics mode with a resolution of 560 dots/line (monochrome) and 640 dots/line (multi-color mode). An 80-column text mode gives you 12 cpi at 37 characters per second in a 7 x 5 matrix. A screen print utility for the Color Computer 2 and the Tandy 2000 will allow multi-color printouts of color graphics screens produced from any graphics program.

State-of-the-Art Design. The CGP-220 jets ink only where you specify, mixing colors to produce seven vivid hues. There's no ribbon to wear out or become contaminated, so the print quality remains excellent. Supports elongated character sets, variable pitch, character repetition and special characters. Programmable from BASIC. Parallel and Color Computer-compatible serial interfaces. Uses 8¹/₂" paper. 4¹/₄ x 15³/₄ x 11⁵/₈". U.L. listed.
26-1268 . . . . 699.00

CGP-220 Supplies

Replacement Ink Packs. Long-life ink packs provide approximately 3-4 million characters per color. Non-smearing.
Black Ink Pack. 26-1281 . . . . 9.95
Tri-Color Ink Pack. 26-1282 . . . . . 14.95
Roll Paper. Recommended for best print quality. 26-1333 . . . . Pkg. of 3/9.95
8¹/₂ x 11" Paper.
26-1341 . . . . 250 Sheets/6.95

Screen print utility gives spectacular seven-color printouts of Color Computer displays.

Create Superb Graphics With This Four-Color Flatbed Plotter/Printer

995⁰⁰

AS LOW AS $45 PER MONTH

FP-215. Turn complicated numerical data into easy-to-understand graphics. Ideal for business information such as financial trends, production data and market forecasts. Produce pie charts, tables, bar graphs and more using simple BASIC ASCII command codes and parameters. Also prints upper/lower-case characters with the BASIC LPRINT and LLIST commands. Performs single pen plotting, and pens can be changed easily to make multi-color plots. Red, blue, green and black pens included (replacements below). Paper size: 8 x 11¹/₂" or 10¹/₈ x 14¹⁵/₁₆". Plot size: 7⁵/₁₆ x 10⁵/₈" or 8¹/₂ x 11¹/₂". Plot speed: 3¹⁵/₁₆ ips. Step size: 1mm. Parallel and Color Computer-compatible serial interfaces. 4⁵/₈ x 16¹/₈ x 14⁵/₈". U.L. listed.
26-1193 . . . . 995.00
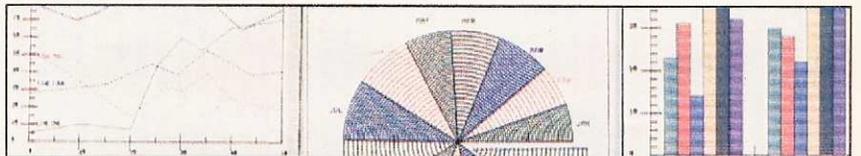
Plotter Supplies

Hard-Nib Pens for FP-215 (for paper)—$3.95 each			
Color	Cat. No.	Color	Cat. No.
Black	26-1343	Blue	26-1345
Red	26-1344	Green	26-1346

Pens for Multi-Pen Plotter (26-1191)—$3.95 each		
Color	For Paper	For Transparencies
Red	26-1460	26-1470
Blue	26-1461	26-1471
Green	26-1462	26-1472
Violet	26-1463	26-1473
Brown	26-1464	26-1474
Orange	26-1465	26-1475
Black	26-1466	26-1476

CGP-115 Black Pens. Set of 3. 26-1480 . . . . 2.95
CGP-115 Color Pens. One each: red, green, blue.
26-1481 . . . . 2.95
Clear Plastic Film. Fifty 8¹/₂ x 11" sheets. 26-1479 . . . . 13.95

Printer Controller Adds Efficiency

249⁹⁵

AS LOW AS $20 PER MONTH

PTC-64 Printer Controller. Now you can print one job while working on another! Our PTC-64 "print buffer" accepts and stores information from your computer at top speed and then feeds it to your printer as fast as it can handle it. Features a clear memory function, a pause function and a copy function for printing up to 100 consecutive originals. Built-in Z-80 processor can be programmed by the host computer to handle graphics and special text. U.L. listed.
26-1269 . . . . 249.95
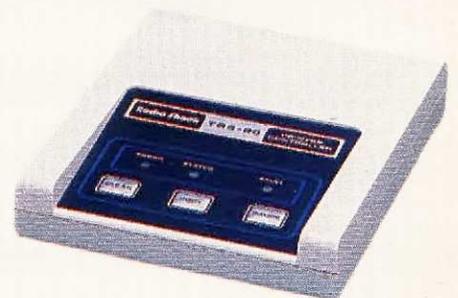
- Frees Your Computer During Printing
- 62K RAM Buffer for Text Storage

LETTER-QUALITY DAISY WHEELS

Our Lowest-Priced Daisy Wheel Printer

599⁰⁰

AS LOW AS $27 PER MONTH

- Prints Over 200 Words Per Minute
- Clean, Sharp Characters for That "Electric Typewriter Look"
- Interchangeable 100-Character Print Wheels for a Variety of Styles
- Ideal for Use With SCRIPSIT and SuperSCRIPSIT

With Courier 10 Print Wheel and Carbon Ribbon

DWP-210. Now you can get full-featured letter-perfect printing for under $600. Select 10 or 12 characters per inch, or proportional pitch. Print wheels simply "drop-in" for easy installation! Prints at 18 cps. Includes forward and reverse paper feed and 1/2-line feed, underline and programmable backspace. Self-test facility lets you see if printer is operating properly before starting. "Paper Empty" sensor stops printer automatically and sounds buzzer when paper runs out. "Ribbon End" feature stops printer when ribbon reaches its end. Automatic impact control prolongs the life of the print wheel. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1257 .... 599.00

SPECIFICATIONS. Print Density: 11 1/2" line. Switch selectable 10 cpi (115 characters per line), 12 cpi (138 cpl), or proportional spacing. **Print Speed:** 18 cps nominal (over 200 wpm). **Carriage Motion:** Bi-directional, optimal motion seeking. Minimum horizontal increment 1/120". Minimum vertical increment 1/48". 1000 ms slew rate. **Character Set:** 100 (modified ASCII, plus special international), 18 control codes. **Paper:** Up to 13" wide. Original, plus 2 copies. Friction feed. **Ribbon:** Multi-strike carbon or nylon cartridge. **Interface:** Color Computer-compatible serial (600/1200 baud) and standard 8-bit data parallel, 36-pin Amphenol connector. **Dimensions:** 6 5/16 × 20 × 13 11/16". **Weight:** 38 lbs. **Power:** 120VAC, 60 Hz, 80 Watts.

Bi-Directional Tractor

119⁹⁵

Printer not included

Snap-on DWP-210 tractor feed makes your printer more efficient. Use fanfold paper, pin-fed labels and preprinted multi-part forms. Adjusts to 13".
26-1443 .... 119.95

Our Best, Full-Featured 15" Daisy Wheel Printer for Demanding Office or Professional Use

NEW FOR '85

1495⁰⁰

AS LOW AS $68 PER MONTH

- Prints Over 500 Words Per Minute
- Ideal for Use With Our SCRIPSIT or SuperSCRIPSIT Word Processing Programs
- Interchangeable 124-Character Print Wheels
- Selectable Print Densities— 10/12 Characters Per Inch or Proportional Spacing

**Includes Courier 10 Print Wheel and Carbon Ribbon**

DWP-510. Give your correspondence, reports and memos that clean, crisp "electric typewriter" look with this top-of-the-line formed-character printer. You can print fixed 10 or 12 characters per inch or choose proportional spacing (using appropriate optional print wheels). Prints up to 43 characters per second. Features forward and reverse paper feed and 1/2-line feed, backspace and underline. Supports boldface, strike-through, double-underline, super and subscripts. Interchangeable print wheels snap in easily to give you different type styles. "External Program Mode" allows you to use print wheels with different pitch or special characters. Friction-feed 15" platen can handle paper up to 16" wide and adjusts for up to five carbons. Parallel interface only. U.L. listed. 26-1270 .... 1495.00
SF-510 Dual-Bin Automatic Sheet Feeder. 26-1477 .... 499.95

SPECIFICATIONS. Print Density: 13.6" line. Switch selectable 10 cpi (136 cpl), 12 cpi (163 cpl), or proportional spacing. **Print Speed:** 43 cps nominal (over 500 wpm). 19.5 lpm at 10 cpi, 132 column. **Carriage Motion:** Unidirectional, optimal motion seeking. 300 ms slew rate. **Character Set:** 124 (96 ASCII, plus special and international), 21 control codes. **Paper:** Up to 16" wide. Original, plus 5 copies. Friction feed. **Ribbon:** Multi-strike carbon cartridge or nylon cartridge. **Interface:** Standard 8-bit data parallel; 36-pin Amphenol connector. **Dimensions:** 8 × 24 1/2 × 15 1/2". **Weight:** 28 lbs. **Power:** 120VAC, 60 Hz, 141 Watts.

Bi-Directional Tractor for DWP-510 and DW II

219⁹⁵

Printer not included

Feeds fanfold paper automatically. Keeps pin-fed labels and forms in perfect alignment. Easy installation and removal. Adjusts to 15".
26-1447 .... 219.95

LETTER-QUALITY MATRIX PRINTERS

Introducing Our Fastest Business Printer Ever!

3995⁰⁰

Commercial Lease Available
for Only $140 Per Month
(Plus Applicable Use/Sales Tax)

- The First True Line Printer Compatible with Microcomputers
- Excels in Data Processing and Business Graphics Applications
- Incredibly Fast Throughput— Up to 150 Lines Per Minute
- Outstanding Print Quality in the Word Processing Mode
- Ideal for Any XENIX Multi-User Office System
- Reliable, Heavy-Duty Design
- Easy Maintenance—Just Do a Simple Cleaning Every Six Months

NEW FOR '85

LMP-2150. A high-performance, all-in-one printer for business applications. The patented heavy-duty hammerbank design prints crisp, clear characters one line at a time. Delivers superior quality—even in the data processing mode. The DP mode prints up to 150 lines per minute—that's twice as fast as any of our other printers! The word processing mode prints up to 80 lines per minute and produces overlapping 10 × 12 dot-matrix characters for letter-quality statements and reports. The WP mode is code-compatible with Radio Shack word processing software (as well as other programs) for elongated and bold characters, underlines, super and subscripts. The graphics mode is compatible with standard Radio Shack bit-image codes and allows generation of bar codes, enlarged characters, reverse images and more with the addition of appropriate software. Includes tractor with bottom feed for fanfold paper, labels and forms. Parallel interface. U.L. listed. 26-1272 . . . . 3995.00

SPECIFICATIONS. Print Density: 10, 12.5 and 16.7 cpi (DP); 10 cpi (WP). **Print Speed:** Standard 10 cpi—150 lpm/132 column (upper case), 120 lpm/132 column (upper/lower case). Correspondence 10 cpi—80 lpm/132 column (upper case), 60 lpm/132 column (upper/lower case). **Character Set:** 94 ASCII, 32 American special, 32 European WP and 30 block graphics. **Font Matrix:** Upper case— 6 × 7 (DP), 10 × 9 (WP). Lower case—6 × 9 (DP), 10 × 12 (WP). **Horizontal Dot Resolution:** 60-100 dots/inch, 72 dots/line. **Dot Columns:** 792-1320. **Paper:** Fanfold—up to 16" wide, up to six parts (with or without carbon). Prints original, plus five copies. **Dimensions:** 10¹/₂ × 24⁵/₈ × 20³/₄". **Weight:** 60 lbs. **Power:** 120VAC, 60 Hz.

Deluxe Dot-Matrix Can Print Customized Type Styles

1995⁰⁰

Commercial Lease Available
for Only $70 Per Month
(Plus Applicable Use/Sales Tax)

- Accepts Downloadable Fonts
- Word Processing Print Quality Rivals Daisy Wheel Printers
- Prints 160 Characters/Second in DP Mode, 100 cps in WP Mode
- Prints 60 Lines Per Minute

NEW FOR '85

IBM PC Compatible

DMP-2100P. Includes a data processing mode for high-speed printouts, a single-pass word processing mode for letter-quality text, and a dot-addressable mode for graphics. Use the Font Editing Package (at left) to download different type styles (holds two at a time). Change pitch and font without stopping the printer. Precision 24-wire print head can produce 32,400 dots per square inch—over four times the finest resolution of our other dot-matrix printers! Parallel interface. U.L. listed. 26-1274 . . . . 1995.00

DMP-2100/2100P Automatic Sheet Feeder. 26-1440 . . . . 995.00
DMP-2100/2100P Bi-Directional Tractor. 26-1441 . . . . 169.95

SPECIFICATIONS. Print Density: 10, 12 and 16.7 cpi, plus proportionally spaced and elongated. **Print Speed:** Standard 10 cpi—93 lpm/80 column, 60 lpm/132 column. Correspondence 10 cpi—40 lpm/132 column. **Character Set:** 96 ASCII, 31 international and 31 graphics characters. **Font Matrix:** DP mode—10 cpi and 16.7 cpi: 24 × (13 + 5), 12 cpi: 24 × (13 + 2). WP mode—10 cpi: 24 × 36, 12 cpi: 24 × 30, Proportional: 24 × n. **Horizontal Dot Resolution:** 360 dots/inch, 4896 dots/line. **Paper:** Up to 15" wide. Friction feed. Prints original, plus two copies. **Dimensions:** 5⁷/₈ × 21¹¹/₁₆ × 15". **Weight:** 42 lbs. **Power:** 120VAC, 60 Hz.

AFFORDABLE DOT-MATRIX PRINTERS

Low-Cost, Triple-Mode "Personal Printer"

399⁹⁵

AS LOW AS $20 PER MONTH

- Word Processing, Data Processing and Dot-Addressable Graphics
- Includes Cursive and Microfont Styles

DMP-110. High-performance printing has never been this affordable! WP mode (25 cps) gives you proportionally-spaced or correspondence-quality characters for letters and reports. DP mode (50 cps) prints mono-spaced characters (standard, elite or condensed)—ideal for program listings. You can also get italic, super and subscripts, underline and microfonts. Prints original, plus one copy on 4" to 10" fanfold paper or single sheets. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1271 . . . . 399.95

Correspondence Printing for Under $400

SPECIFICATIONS: Print Density: 10, 12 and 17 standard characters per inch. All fonts can be elongated. WP fonts include 10 and 12 cpi, cursive, microfont, mono-spaced, plus proportional set. **Speed:** 50 cps in DP mode, 25 cps in WP mode. **Character Set:** 96 ASCII. **Bit Image:** 960 dot addressable 16-dot columns. **Dimensions:** 4⁵/₁₆ × 16¹/₂ × 12⁷/₁₆". **Weight:** 12 lbs. **Power:** 120VAC, 60 Hz, 30W.

Affordable, High-Speed Dot-Matrix Printer

499⁹⁵

AS LOW AS $23 PER MONTH

- Prints 120 Characters Per Second
- Bi-Directional, Logic-Seeking Head
- Bit-Image Mode for Printing Graphics

DMP-120. Get a throughput speed faster than you thought possible from a printer priced this low! Ideal for data processing and general purpose use. Prints 80 upper and lower case 9×9 (9×8, plus underline) dot-matrix characters on an 8" line—51 lines per minute at 10 characters per inch. Features underline capability, and elongated and condensed modes. Bit-image mode allows impressive graphics, too! Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1255 . . . 499.95

Speed and Graphics

SPECIFICATIONS. Print Density: 5, 10, 8.3 or 16.7 characters per inch. **Graphic Density:** 60 × 72 dots per sq. in. **Print Speed:** Standard 10 cpi—120 characters per second, 51 lines per minute. **Character Set:** 96 ASCII, plus international and block graphics characters. **Line Feed:** ¹/₆, ¹/₈, ¹/₁₂". **Dimensions:** 5 × 16¹/₂ × 13¹/₂". **Weight:** 16 lbs. **Power:** 120VAC, 60 Hz, 32W.

132-Column Printer with 18-Wire Print Head

NEW FOR '85

899⁰⁰

AS LOW AS $41 PER MONTH

- Prints 180 Characters Per Second
- Micro, Italic and Double-High Fonts
- True Pin-Driven Tractor—Not Sprocket
- IBM PC Compatible

DMP-430. Never before has this much print quality been so affordable! The 18-wire print head gives you superior-quality correspondence fonts in a single pass. Prints 10, 12 or 16.7 cpi, plus elongated standard, elite and condensed. Produces bit-image graphics at 7 or 16-bit columns. Prints original, plus two copies. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1277 . . . . 899.00

Low-Profile Design

SPECIFICATIONS. Print Density: 10, 12, 16.7, proportional-spaced, elongated and condensed. **Print Speed:** Standard 10 cpi—93 lpm/80 col., 60 lpm/132 col. Correspondence 10 cpi—700+ wpm. **Character Set:** 96 ASCII, plus selectable Tandy standard, 64 special and 30 block graphics characters, or full 128-character Model 2000/IBM set. **Horizontal Dot Resolution:** 60-240 dots/inch, 1584-2640 dotcols./line. **Dimensions:** 4³/₄ × 22⁷/₁₆ × 13³/₄". **Weight:** 27¹/₂ lbs. **Power:** 120VAC, 60 Hz, 100W.

54

YOUR BEST VALUE IN DOT PRINTERS

Budget-Priced High-Performer

199⁹⁵

USE YOUR Radio Shack CITILINE YOUR CARD

- Prints 80 Characters Per Second
- Produces Crisp 8 × 9 Dot-Matrix Characters on an 8″ Line

DMP-105. Another Radio Shack price breakthrough! Ideal for data processing and general-purpose use. Bi-directional— prints 80 upper and lower case characters per line at 43 lines per minute at 10 characters per inch. Elongated and condensed modes. Removable adjustable tractor uses 4″ to 9¹/₂″ fanfold paper, friction platen for single sheets. Prints original, plus one copy. Parallel and Color Computer-compatible serial interfaces. U.L. listed.
26-1276 .... 199.95

NEW FOR '85

Bit-Image Graphics Mode, Too

SPECIFICATIONS. Print Density: 10, 12, 16.7 cpi, plus elongated. Print Speed: 10 cpi—43 lpm/80 col. Character Set: 96 ASCII, 64 special and 30 block graphics characters. Horizontal Dot Resolution:	480-800 dots per line. Vertical Spacing: 12, 6, 8 lines per inch. Line Feed: 1/6, 1/8, 1/12, n/72″. Dimensions: 3¹/₁₆ × 15³/₈ × 9⁷/₁₆″. Weight: 8³/₄ lbs. Power: 120VAC, 60 Hz.

Compact, Portable Thermal Ribbon Printer

299⁹⁵

AS LOW AS Radio Shack CITILINE YOUR CARD **$20 PER MONTH**
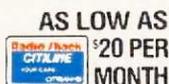
- Use It Anywhere—Works on Batteries or AC Power (with included adapter)
- Prints on Plain or Thermal Paper
- Fast 50 cps ■ Bit-Image Graphics
- IBM PC Compatible

TRP-100. New printing technology lets you use plain 8¹/₂″ paper and thermal ribbon for high-contrast characters (uni-directional). Heat from the super-quiet thermal head transfers the image from ribbon to paper. Or use thermal roll paper without the ribbon for direct transfer (bi-directional). For best print quality, use Xerox 4024 or equivalant copier paper. Parallel and Color Computer-compatible serial interfaces. U.L. listed AC operation or five "C" alkaline or nickel cadmium batteries (not included).
26-1275 .... 299.95

NEW FOR '85

Quiet, Rugged and Versatile

SPECIFICATIONS. Print Density: 5, 10 cpi. Print Speed: 10 cpi—uni-directional: 16 lpm/80 col., bi-directional: 28 lpm/80 col. Character Set: 96 ASCII, plus selectable Tandy standard, 64 special and 30	block graphics characters or Model 2000/IBM 128-character set. Horizontal Dot Resolution: 480-960 dots/line. Dimensions: 2¹³/₁₆ × 12 × 7″. Weight: 5¹/₂ lbs. Power: 5 "C" batteries or 120VAC, 60 Hz.

Low-Cost Thermal Matrix Printer with Graphics

99⁹⁵

USE YOUR Radio Shack CITILINE YOUR CARD

- Ideal for the Color Computer 2
- Prints Graphics and Alphanumerics
- Whisper Quiet ■ Measures 3 × 8 × 5″

TP-10. Prints 32 characters per line at 30 characters per second on 4¹/₈″-wide thermal paper. Features include elongation mode for expanded print and a special repeat function to make graphics programming easier. Color Computer-compatible serial interface only. U.L. listed.
26-1261 .... 99.95
Paper. 4¹/₈″-wide thermal.
26-1332 .... Pkg. of 2/3.95

Amazingly Compact, Yet Extremely Versatile

| SPECIFICATIONS. Print Density: 5, 10 cpi. Print Speed: 30 cps. Character Set: 94 ASCII, 16	graphics. Line Spacing: 1/6″. Dimensions: 3 × 8 × 5″. Weight: 3¹/₄ lbs. Power: 120VAC, 60 Hz, 18W.

55

PRINTER/COMPUTER ACCESSORIES

Protect Your Computer System

Dust Covers
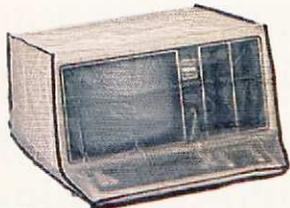
Printer	Cat. No.	Each
DMP-105	26-530	3.95
DMP-120/200	26-522	3.95
DMP-430	26-535	4.95
DMP-2100	26-525	4.95
DW II & DWP-510	26-508	5.95
DWP-210	26-527	4.95
CGP-220	26-533	4.95
TP-10	26-531	3.95

Computer	Cat. No.	Each
Model 12/16	26-526	7.95
Model III/4	26-506	5.95
CC 2	26-532	3.95

Peripheral	Cat. No.	Each
CCR-81	26-517	2.95
Ext. Drives	26-502	2/5.95

Replacement Printer Ribbons

Save 25% When You Buy 12 or More of the Same Ribbon

Printer	Ribbon	Character Life	Catalog No.	Each 1-11	Each 12-Up
LP I, II, IV	Fabric Pack (3/PK)	1 million	26-1413	15.95	11.95
LP III, V	Fabric Cart.	2 million	26-1414	11.95	8.95
LP VI, VIII, DMP-400, 420	Fabric Cart.	1 million	26-1418	11.95	8.95
LP VII, DMP-100	Re-inking Fabric	1 million	26-1424	8.95	6.70
DMP-110	Re-inking Fabric	1 million	26-1283	7.95	5.95
DMP-500	Fabric Cart.	4 million	26-1482	13.95	10.45
DMP-120, 200	Fabric Cart.	4 million	26-1483	15.95	11.95
DMP-120, 200, 500, 430	Refill Pack (3/PK)	4 million	26-1489	15.95	11.95
DMP-105	Fabric Cart.	1 million	26-1288	7.95	5.95
DMP-430	Fabric Cart.	4 million	26-1296	15.95	11.95
DMP-2100, 2100P	Fabric Cart.	2 million	26-1442	13.95	10.45
LMP-2150	Cartridge	15 million	26-1287	12.95	9.70
TRP-100	Thermal Film	40,000	26-1297	3.95	2.95
TRP-100	Refill Rolls (5/PK)	40,000	26-1298	9.95	7.45
DW II, DWP-410, 510	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1419	21.00	15.75
DW II, DWP-410, 510	Nylon Cart.	1 million	26-1449	10.95	8.20
DW II, DWP-410, 510	Multi-Strike Film, Blue	200,000	26-1285	8.95	6.70
DW II, DWP-410, 510	Multi-Strike Film, Brown	200,000	26-1286	8.95	6.70
DWP-210	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1445	17.95	13.45
DWP-210	Fabric Cart.	1 million	26-1458	8.95	6.70

Anti-Static Mat

NEW FOR '85

89⁹⁵

Chair not included

Drains static charges that can damage your computer. Vinyl. 45 × 53". 26-1351 . . . . 89.95

Anti-Static Spray

5⁹⁵

Use on Equipment, Screen or Carpet

Helps eliminate problem-causing static. Long lasting. Safe. 26-515 . . . . 5.95

Roll Paper for Printers

Printer	Paper	Cat. No.	Quantity/Price
CGP-115	4¹/₂" × 150'	26-1428	3/4.95
CGP-220	8¹/₂" × 75'	26-1333	3/9.95
CGP-220	8¹/₂ × 11" sheets	26-1341	250/6.95
TP-10	Thermal 4¹/₈" × 80'	26-1332	2/3.95
PT-210/TRP-100	Thermal 8¹/₂" × 100'	76-1003	6/24.95
PC-1	1³/₄" × 18'	26-3506	6/1.75
PC-2	2¹/₄" × 30'	26-3606	6/2.49
PC-3	Thermal 2¹/₄" × 7'	26-3592	5/2.49
PC-4	Thermal 1¹/₂" × 8¹/₂'	65-711	5/1.99
LP I, II, IV, VIII, DMP-200	8¹/₂" × 500'	26-1402	2/19.95
Plotter/Printer (26-1190)	9" × 90', 8¹/₂" pin-to-pin	26-1407	4.95
Quick Printer (26-1153)	Electrostatic 4³/₄" × 130'	26-1405	3/18.95
Quick Printer II (26-1155)	Electrostatic 2³/₈" × 75'	26-1412	2/3.95

Printer Select Switch

119⁹⁵

SW-302 Parallel Printer Switch. Connect two printers to one computer, or two computers to one printer. Standard parallel interface only. U.L. listed AC power module. Cables not included.
26-1498 . . . . 119.95

Daisy Printwheel Cleaning Kit

16⁹⁵

Clean clogged, recessed type areas. Easy to use and won't make a mess. For DW II, DWP-510, 410 and 210.
26-1320 . . . . 16.95
Refill Fluid and Pad.
26-1322 . . . . 5.95

Daisy Wheel Acoustic Cover Reduces Noise

399⁰⁰

AS LOW AS $20 PER MONTH
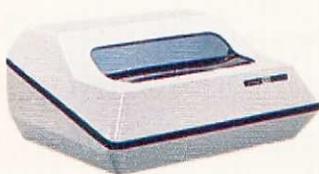
Improves Office Efficiency

Silence distracting printer noise—ideal for office work areas. Lid lifts for easy access to printer. Fits on our printer stands. For DW II DWP-510 (with or without tractor), DWP-410 and DWP-210 (without tractors). Not for use with sheet or envelope feeders. 14 × 28 × 21¹/₂". U.L. listed.
26-1455 . . . . 399.00

Mobile Printer "Paper Caddy"

79⁹⁵

Computer Paper Dolly and Printer Forms Rack

Wheel paper to wherever you need it. Place blank forms on lower shelf; upper shelf catches printed output. Special paper guides assure correct refolding and smooth stacking of print-out. 24¹/₂ × 18 × 14¹/₂".
74-551 . . . 79.95

Daisy Print Wheels

124-character print wheels for our DW II, DWP-410 and DWP-510 printers.

| Print Wheel	Cat. No.	Price
Courier, 10 Pitch	26-1430	29.95
Prestige Elite, 12 Pitch	26-1431	29.95
Madeleine PS	26-1432	29.95
Cubic PS	26-1433	29.95
Tile Italic, 10/12 Pitch	26-1434	29.95
OCR B, 10 Pitch*	26-1435	39.95
Letter Gothic, 12 Pitch	26-1436	39.95
Cubic 15+	26-1438	39.95
Bold PS	26-1439	39.95
Scientific A/N	26-1486	39.95
Pica 10	26-1290	39.95
Narrator	26-1291	39.95
OCR-A*	26-1292	39.95
Elite 12	26-1293	39.95
Scandia Courier 10	26-1294	39.95
Scandia Elite 12	26-1295	39.95

External Program Mode: + Required * Suggested
100-character print wheels for our DWP-210.

Print Wheel	Cat. No.	Price
Courier 10	26-1467	9.95
Prestige Elite 12	26-1468	9.95
Venezia PS	26-1469	9.95

CABLES AND ACCESSORIES

We support our computers with a complete selection of user-proven cables for almost any application.

- Quality Engineered to Perform to Highest Standards
- Add Maximum Flexibility And Convenience

Parallel Printer Cables

Fig.	Use With	Description	Cat. No.	Each
A	Model I/III/4/4P/1000	34-pin edge card to 36-pin plug, 6'	26-1401	39.00
B	Model II/12/16/16B/2000	34-pin header to 36-pin plug, 6'	26-4401	39.00
C	Model II/12/16/16B/2000	34-pin header to 36-pin plug, 12'	26-1323	44.95
D	Tandy 1200/IBM PC	34-pin header to 36-pin plug, 6'	26-1347	39.00

Serial Printer Cables

Fig	Use With	Description	Cat. No.	Each
F	Color Computers/MC-10	4-pin DIN to 4-pin DIN	26-3020	4.95
H	DT-100 Terminal	4-pin DIN to DB25	26-1361	19.95

Cassette Recorder Cable

Fig.	Use With	Description	Cat. No.	Each
E	Computers with cassette port	5-pin DIN to Audio (3 plugs)	26-1207	5.95

Color Computer/MC-10 Interface Cables

| Fig.	Function	Description	Cat. No.	Each
F	To modems	4-pin DIN to 4-pin DIN	26-3020	4.95
G	To Quick Printer II and Model I special serial interface	5-pin DIN to 4-pin DIN	26-3009	4.95
H	To RS-232 ports	4-pin DIN to DB25	26-3014	19.95

Model 100/Tandy 200 Interface Cables

| Fig.	Function	Description	Cat. No.	Each
I	To parallel printer	34-pin header to 36-pin plug	26-1409	14.95
J	Direct connect modem to modular phone jack	Includes free hour on both CompuServe and Dow Jones News/Retrieval Networks	26-1410	19.95

Universal RS-232C Communications

Fig.	Function	Description	Cat. No.	Each
K	Model III/4/12/16B/1000/1200/2000	Male DB25 to DB25, 5-ft. Ribbon	26-1408	19.95
L	For Model II/16	Male DB25 to DB25 5-foot round cable with terminator	26-4403	39.95
M	For Model 12/16B/1000/1200/2000 or with 26-1497	10-foot round cable	26-1490	29.95
		25-foot round cable	26-1491	39.95
		50-foot round cable	26-1492	54.95
		100-foot round cable	26-1493	89.95
N	Joins cables together for longer runs	RS-232C Cable Connector	26-1495	29.95
O	Allows two CPUs to communicate directly through "modem" software	Null Modem Adapter	26-1496	29.95
P	Allows use of round RS-232C cables with Model III/4	8-inch flat extender	26-1497	17.95

CPU MODEL III/4

TYPICAL HOOKUP

CPU MODEL II/12/16

MODEL III/4
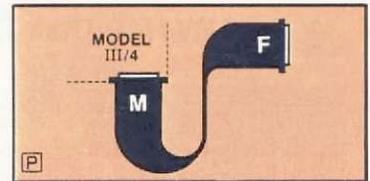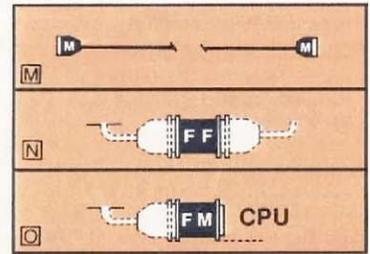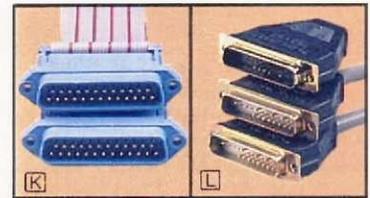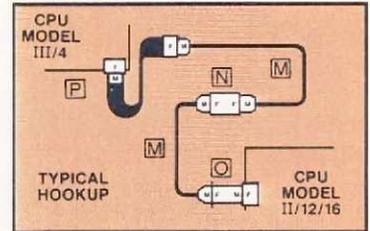
Peripheral Connectors

Submini "D" Connectors. Ideal for computer-to-peripheral hookups. 25 positions. Solder-type.

A Male. 276-1547 .... 2.99
B Female. 276-1548 .... 3.99
C Hood. 276-1549 .... 1.99
D D-Submini 25 Dustcaps. Protects connectors and equipment from moisture and dust contamination. One male, one female. 276-1546 .... Set 39¢
E D-Submini 25 Male. For ribbon cable. Reusable. 276-1559 .... 4.99
F D-Submini 25 Female. Ideal for cable extensions. 276-1565 .... 4.99
G Card Edge Connector. 34 positions, solderless. Dual row contacts. .100" centers. 276-1564 .... 4.95
H Parallel Printer Connector. Solder-type, 36 position. Shielded metal construction. 276-1534 .... 6.99

Automatic Power Strip

69⁹⁵

SW-301. Activates up to five peripherals when you turn on your Model II, III, 4, 12, 16B or 2000. Features 2-stage surge protection. U.L. listed.
26-1429 .... 69.95

Power Line Filter

49⁹⁵   Protect Your Computer

Limits AC power line interference to the Model I and the Color Computer. Single switch will control eight outlets. Effective dual-section design. U.L. listed.
26-1451 .... 49.95

Standby Power System for Home and Office

NEW FOR '85

695⁰⁰

AS LOW AS
CITILINE $32 PER MONTH
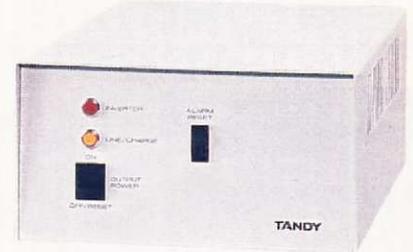
- Provides Standby Power When Current Drops
- Power Down Your Computer Without Error
- Also Protects Against Harmful Spikes

BPS-400. Protect your home or office computer with a backup power supply. The BPS-400 was designed specifically to guard against data loss in case of a brownout or electrical failure. It provides more than 10 minutes of full power operation (400 VA) to allow you to shut down your system safely. During normal operation, the BPS-400 also operates as a power line filter, protecting your equipment against harmful electrical spikes. Not for use with Model II, Disk Expansion Bay, 8-Meg Hard Disk Drive, printers or any system with AC motors. $6 \times 10^3/4 \times 12^1/2$". U.L. listed.
26-1189 .... 695.00

COMPUTER ACCESSORIES

Computer Cassette Recorders for Loading and Saving Programs

NEW FOR '85

CCR-81 Recorder	CCR-82 Recorder
Ⓐ **59**⁹⁵	Ⓑ **49**⁹⁵

- Computer Starts and Stops the Recorder Automatically
- Built-In Automatic Level Control for Best Recording Possible
- Cue/Review Function and Digital Tape Counter for Easy Indexing

Ⓐ **CCR-81.** Ideal for loading and saving your own programs and data on cassette tapes or using our ready-to-run cassette software. Battery/Record LED indicator. $10^1/2 \times 5^3/4 \times 1^{13}/_{16}$". Includes cable. U.L. listed AC operation or four "C" batteries (not included). 26-1208 . . . . 59.95

Ⓑ **CCR-82.** Our most compact, lowest-priced CCR! Features volume control with preset marker. You can also monitor sound while saving programs and data. Tape counter matches CCR-81 to permit interchange of tapes. $7^1/8 \times 4^{11}/_{16} \times 1^5/_{16}$". Includes cable. Requires four "AA" batteries or AC adapter (not included). 26-1209 . . . . 49.95

## Stock Up on High-Quality Computer Cassettes

- Ideal for Program/Data Storage
- Certified Free of Defects
- Each Cassette Includes a Hinged Plastic Storage Box for Protection

Deluxe C-20 Cassette Tape. "Reel-to-reel" design in a clear shell. 26-308 . . . . 3.79
C-20 Tape. 26-301 . . . . . . 2.79
C-10 Tape. 26-302 . . . . 1.89

Quantity	Deluxe C-20 (Each)	C-20 (Each)	C-10 (Each)
1-11	3.79	2.79	1.89
12-23	3.39	2.49	1.69
24-47	2.99	2.19	1.49
48-Up	2.69	1.99	1.39

Three Helpful Programming Aids

Ⓑ
Ⓐ
Ⓒ
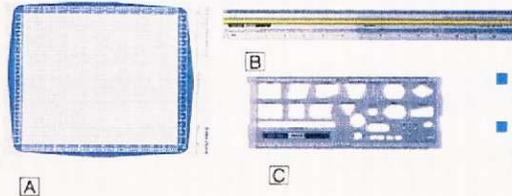
- For Professional Worksheets
- Draw Legible Flow Charts

Ⓐ **Model I/III Graphics Worksheets.** 26-2105 . . . . 100 Sheets/4.95
Ⓑ **Printview Ruler.** 26-1313 . . . . 3.50
Ⓒ **Flowchart Template.** 26-1312 . . . . 3.95

Model III/4/4P Disk Drive Analyzer Diskette

Quickly Displays Results on Screen

NEW FOR '85 **29**⁹⁵

Pre-programmed diskette automatically analyzes disk drive radial alignment, rotational speed, clamping ability and write/read accuracy in less than two minutes. Indicates whether drive passes or fails each test. Includes complete instructions. 26-413 . . . . 29.95

Deluxe Anti-Glare Panel Reduces Reflections

49⁹⁵
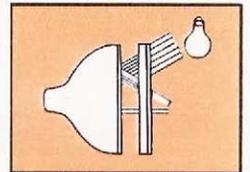
Our best! Special optically-coated panel cuts screen glare by 94%. Maximizes contrast and readability. Self-adhesive mounting.
Model I/II/III/4/16. 26-1457 . . . . 49.95
Model 12/16B. 26-1326 . . . . 49.95

Universal Disk Drive Head Cleaning Kits

14⁹⁵ Each

Cleans drive heads safely and easily. Just apply special solution to cleaning diskette and run in drive for 30 seconds. With cleaning diskette, solution and instructions.
5¹/₄" Drive Kit. 26-408 . . . . . 14.95
8" Drive Kit. 26-4957 . . . . . . 14.95

Anti-Glare Mask Helps Prevent Eye Strain
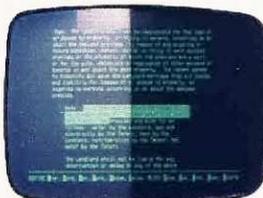
16⁹⁵ Low-Cost Way to Cut Glare and Reflections

Nylon mesh screen reduces surface reflections, cuts overhead glare and improves contrast without loss of monitor resolution. Installs in seconds on Model I/II/III/4/12/16 computers. 26-511 . . . . 16.95

Typing Easel

17⁹⁵ Keeps Pages in Place

An Added Convenience for Any Workstation

Adjustable T-bar ($8^3/4$" to $13^7/8$") and friction pads keep books or manuals open and in place. Cushioned base prevents slippage and protects furniture. Folding legs for compact storage. 73-2003 . . . . 17.95

Keyboard Cover

NEW FOR '85

12⁹⁵

Protects your Model III or 4 keyboard from dust and dirt when not in use. 26-1342 . . . . 12.95

Screen Cleaner

6⁹⁵

Helps prevent dirt and dust build up. Includes 50 prewet wipes and lint-free cloth. 26-1318 . . . . 6.95

DISKETTES AND MEDIA STORAGE

Single-Sided Unformatted Disks

New Low Prices! 5¼" Single-Sided

Low As **2⁸⁰** Each In Box of 10

- For Model I, III, 4, 4P and Color Computer
- Double-Density
- 40-Track ■ Soft-Sector

Single Disk. Was $4.95 in RSC-12.
26-305 . . . . 3.49
Package of 3. Was $12.95 in RSC-12.
26-405 . . . . 8.99
Package of 10. Was $37.95 in RSC-12.
26-406 . . . . 27.95

Quantity (10-Packs)	Price in RSC-12	New Low Price (Per 10-Pack)
1-4	37.95	27.95
5-9	33.95	24.95
10-Up	31.95	23.95

8" Single-Sided

Low As **4⁵⁰** Each In Box of 10

- For Model II Computers
- Double-Density
- 77-Track
- Soft-Sector

Package of 3.
26-4904 . . . . 15.95
Package of 10.
26-4906 . . . . 44.95

Buy in 10-Pack quantities and save even more!

Quantity (10-Packs)	Per 10-Pack
1-4	44.95
5-9	39.95
10-Up	37.95

Double-Sided Unformatted Disks

New Low Price! 5¼" Double-Sided

NEW FOR '85

Low As **3⁰⁰** Each In Box of 10

- For IBM PC and Tandy 1000 and 1200
- 40-Track ■ Soft-Sector
- Double-Density

Package of 3. Was $15.95 in RSC-12. 26-411 . . . 9.95
Package of 10. Was $44.94 in RSC-12.
26-412 . . . . 29.95

Quantity (10-Packs)	Price in RSC-12	New Low Price (Per 10-Pack)
1-4	44.95	29.95
5-9	39.95	26.95
10-Up	37.95	24.95

New Low Prices! 5¼" Double-Sided

Low As **5⁰⁰** Each In Box of 10

- For Tandy 2000 Personal Computers
- Double-Density
- 80-Track
- Soft-Sector

Package of 3. Was $24.95 in RSC-12. 26-409 . . 15.95
Package of 10. Was $69.95 in RSC-12.
26-410 . . . . 49.95

Quantity (10-Packs)	Price in RSC-12	New Low Price (Per 10-Pack)
1-4	69.95	49.95
5-9	62.95	44.95
10-Up	59.95	41.95

8" Double-Sided

Low As **5⁰⁰** Each In Box of 10

- For Model 12, 16B and Tandy 6000
- Double-Density
- 77-Track
- Soft-Sector

Package of 3.
26-4961 . . . . 19.95
Package of 10.
26-4960 . . . . 49.95

Buy in 10-Pack quantities and save even more!

Quantity (10-Packs)	Per 10-Pack
1-4	49.95
5-9	44.95
10-Up	41.95

New! Economical 5¼" Storage Box

NEW FOR '85 **14⁹⁵**

Organize your floppy disks and protect them from dust. Holds 50 diskettes. With five adjustable dividers. Stackable for convenient storage. Sturdy, high-impact styrene. Built-in handle. 26-1362 . . . . 14.95

Diskette Library Boxes

Low As **2⁹⁵** Each

A 8" Library. Holds ten. 26-4952 . . . . 5.95
B 5¼" Library. Holds ten. 26-1452 . . . . 4.95
C NEW! 5¼" Travel Tote. Holds five diskettes. 26-1348 . . . . 2.95

Locking Diskette File Boxes
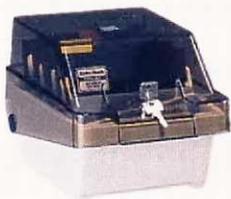
NEW FOR '85

Low As **24⁹⁵**

Holds 50 disks. Features four dividers with labels.
For 5¼" Disks. 26-1353 . . 24.95
For 8" Disks. 26-4958 . . . . 29.95

Low As **49⁹⁵**

Holds 90 disks. With dividers and smoke-color cover.
For 5¼" Disks. 73-2005 . . 49.95
For 8" Disks. 73-2006 . . . . 59.95

Protect Your Diskettes With Disk Envelopes

Disk not included

A Universal Data Binder. 3-ring for disk envelopes. 26-1310 . . . . . 5.95
B 5¼" Disk Envelopes. Holds 2. Package of 10. 26-510 . . . . 7.95
C 8" Disk Envelopes. Holds 1. Package of 10. 26-4907 . . . . 7.95

Replacement Labels

- Non-Smearing
- Conveniently Color-Coded

Just peel-and-stick to label your diskettes for easy filing.
5¼". 26-307 . . . . . Pkg. of 54/1.95
8". 26-4955 . . . . . . Pkg. of 54/1.95

Hanging Binders

Store and protect your printed reports. Pressboard binders with steel wire posts. Pkg. of 2.
14⁷⁄₈ x 11".
26-1339 . . . . 7.95
9¹⁄₂ x 11".
26-1340 . . . . 7.95

Deluxe 5¼" Diskette Tote

NEW FOR '85

19⁹⁵

Take disks anywhere! Easel back for desk use. Rigid anti-static vinyl sleeves. Protects 10 diskettes.
26-1349 . . . . . . 19.95

59
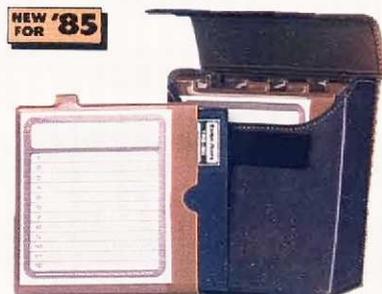
CUSTOM FORMS AND PRINTER PAPER

Custom Imprinted Forms and Checks

| Form Name | Cross Reference | | | No. of Parts | Color | Cat. No. | Quantity/Prices | | |
	Model Number	Software Cat. No	Envelope Cat. No.				500	1,000	2,000
Accounts Receivable Statement	I & III/4	26-1555	72-114 72-214 72-250	1	Blue	72-116	65.00	120.00	220.00
				2	Blue	72-117	100.00	180.00	340.00
				3	Blue	72-118	130.00	230.00	435.00
Accounts Payable Check	I & III/4	26-1554	72-249	1	Blue	72-124	55.00	100.00	195.00
	II & 12	26-4505		2	Blue	72-125	100.00	180.00	340.00
				3	Blue	72-126	120.00	215.00	415.00
Accounts Payable Check	III/4	26-1542	72-145 72-245 72-246	1	Blue	72-141	45.00	80.00	155.00
	II & 12	26-4605							
	16	26-6205		3	Blue	72-142	110.00	200.00	375.00
General Purpose Form	I & III/4	26-1541 26-1568	72-206	1	Blue	72-119	55.00	100.00	195.00
	II & 12	26-4508 26-4504 26-4514 26-4602 26-4802		3	Blue	72-120	110.00	200.00	375.00
	16	26-6302		5	Blue	72-136	160.00	290.00	545.00
	1000	25-1146							
	2000	26-5213/5217							
Invoice	II & 12	26-4607	72-135 72-235 72-234	3	Blue	72-151	140.00	250.00	475.00
	16	26-6207							
	2000	26-5215		5	Blue	72-152	205.00	370.00	700.00
Multi-Purpose Check	III/4	26-1584	72-145 72-245 72-246	1	Blue	72-153	45.00	80.00	155.00
				2	Blue	72-154	60.00	110.00	210.00
Multi-Purpose Check w/Stub	III/4	26-1585 26-1511	72-145 72-245 72-246	1	Blue	72-158	55.00	100.00	195.00
	1000	25-1146/1148		2	Blue	72-159	100.00	180.00	340.00
	2000	26-5212 26-5340		3	Blue	72-160	120.00	215.00	415.00
Payroll Check	I & III/4	26-1504 26-1556	72-247	1	Brown	72-105	55.00	100.00	195.00
				2	Brown	72-106	100.00	180.00	340.00
Payroll Check	II & 12	26-4503	72-248	1	Brown	72-137	60.00	110.00	210.00
				2	Brown	72-138	90.00	165.00	310.00
Payroll Check	III & 4	26-1543	72-246	1	Brown	72-143	45.00	80.00	155.00
	II & 12	26-4603							
	16	26-6203		2	Brown	72-144	85.00	150.00	285.00
	2000	26-5218							
Statement Of Account	II & 12	26-4604	72-135 72-235 72-234	1	Blue	72-129	55.00	100.00	195.00
	16	26-6204		3	Blue	72-130	110.00	200.00	375.00

Professional Forms

Form Name	Cat. No.	Quantity	Price
Health Insurance Claim (AMA), 2-part, Carbon Interleaf	72-261	1000	55.00
The Precedent Lawyer Timekeeping Slips	72-501	500	44.95
The Precedent Pegboard Portfolio	72-500	1	16.95

Imprinted Envelopes

| Form Cross Reference | Inside Tint | No. of Windows | Envelope Size | Catalog No. | Quantity/Prices | | |
					500	1,000	2,000
Accounts Receivable Statement	No	1	#6 3/4	72-114	55.00	100.00	195.00
Statement of Account and Invoice	No	1	#10	72-135	55.00	100.00	195.00
Accts. Payable (72-141/142) & Multi-Purpose Checks	Yes	1	8 5/8	72-145	55.00	100.00	195.00

Blank Envelopes

Form Cross Reference	Size	No. of Windows	Inside Tint	Qty. Per Carton	Catalog Number	Price
Accounts Receivable Statement	3 5/8 x 6 1/2	2	No	1,000	72-250	45.00
	3 5/8 x 6 1/2	1	No	1,000	72-214	35.00
Accounts Payable Check (72-124/125/126)	3 5/8 x 7 3/4	2	Yes	1,000	72-249	55.00
General Purpose Form	3 7/8 x 8 7/8	2	No	1,000	72-206	45.00
Payroll Check for Mod I/III/4	3 5/8 x 7 3/4	2	Yes	1,000	72-247	55.00
Payroll Check for Mod II/12	3 7/8 x 7 1/2	2	Yes	1,000	72-248	50.00
Statement of Account and Invoice	4 1/8 x 9 1/2	2	No	1,000	72-234	45.00
	4 1/8 x 9 1/2	1	No	1,000	72-235	40.00
Accts. Payable (72-141/142) and Multi-Purpose Checks	3 5/8 x 8 5/8	1	Yes	1,000	72-245	40.00
	3 5/8 x 8 5/8	2	Yes	1,000	72-246	50.00

Four Great Benefits of Radio Shack Custom Forms

System Support
Radio Shack provides a complete selection of custom-designed business forms, envelopes and labels that are guaranteed compatible with our computer systems and accounting software.

Economy
Radio Shack forms are produced in large quantities and sold in small quantities (as few as 500 units). That way we can pass the savings on to you.

Quality
All forms are attractively designed and produced to the highest printing standards, assuring a positive, quality image for your organization.

Convenience
Why run from store to store, when you can depend on Radio Shack? We're your "one stop" source for custom forms. Visit your nearest Radio Shack Computer Center today to place your order.

## Stock Up on Fanfold Printer Paper

Feed paper directly into the printer from the reusable cartons. Letter-size sheets (9 1/2 x 11") have "invisible" detachable, perforated margins. Single-part sheets are high-quality, 15-pound bond unless a heavier weight is specified. No ground wood or recycled paper. Multi-part sets are clean, carbonless, no-mess paper.

Fanfold Printer Paper

Size	Parts	Design	Vertical Perforation	Quantity	Box	Cat. No.	Price
14 7/8 x 11"	1	Greenbar	No	500 sheets	Mini-Pak	26-1330	11.95
14 7/8 x 11"	1	Greenbar	No	1500 sheets	Tote	72-300	34.95
14 7/8 x 11"	1	Greenbar	No	3500 sheets	Carton	26-1417	69.95
14 7/8 x 11"	1	Blank White	No	1500 sheets	Tote	72-303	34.95
9 1/2 x 11"	1	Greenbar	Yes	1500 sheets	Tote	72-304	24.95
9 1/2 x 11"	1	Greenbar	Yes	3500 sheets	Carton	26-1403	49.95
9 1/2 x 11"	1	Blank White	Yes	500 sheets	Mini-Pak	26-1423	8.95
9 1/2 x 11"	1	Blank 20#	Yes	1250 sheets	Tote	26-1427	24.95
9 1/2 x 11"	1	Blank 20#	Yes	2500 sheets	Carton	72-311	44.95
9 1/2 x 11"	2	Blank White	Yes	750 sets	Tote	72-305	34.95

Fanfold Mailing Labels

- **Wide Selection To Choose From**
- **Smooth Feeding**
- **White**
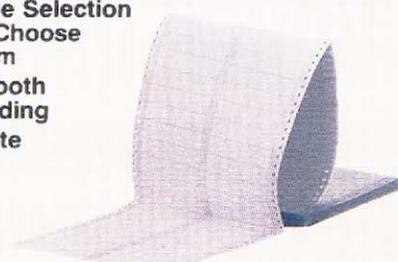
NEW! 1-Wide. 4 1/4" carrier. Pressure-sensitive. Pkg./5000. 72-402 ..... 24.95
1-Wide. Same as above. Pkg./1000. 26-1328 .... 6.95
2-Wide. 9 1/2" carrier. Pressure-sensitive. Pkg./2000. 72-401 .... 15.95
3-Wide. 9 1/2" carrier. Pressure-sensitive. Pkg./3000. 72-400 .... 16.95
2-Wide. 9 1/2" carrier. Dry gum. Pkg./2400. 26-1456 .... 9.95

COMPUTER SYSTEM FURNITURE

Terminal Stand
189⁹⁵

Computer and manual not included

Deluxe Terminal Stand. Perfect for the II/12/16 or Tandy 6000 computer. Rolls to where it's needed. Features locking casters. Large 30 × 30" top is adjustable at 26", 27" or 28" heights. Easy to assemble.
26-4306 . . . . 189.95

System Desk
279⁹⁵

Deluxe Workstation. Plenty of convenient working space, with wiring cutouts in top. Heavy-duty construction. Easy to assemble. 27 × 48 × 30".
26-4303 . . . . 279.95
Desk Drawer. Mounts on left or right. 12³/₄ × 18¹/₂ × 20¹/₄". 26-4304 . . . . 129.95

Printer Stand
149⁹⁵

Computer, manual and drawer not included

Printer not included

Printer Stand. Slotted top for bottom paper feed. Includes wire basket. Easy assembly. 27 × 24 × 19". 26-4307 . . . . 149.95
Locking Casters. Fits Printer Stands 26-4307 (above) and 26-1357 (below). 26-1319 . . . . Set of 4/19.95

Modular System Furniture for Your Home or Office Workstation

A **System Desk.** Attractive and functional design in beautiful simulated oak finish. Each furniture piece makes a handsome addition to home or office. Twin cable management slots for easy connections. Adjustable glides. 27 × 49³/₄ × 29³/₈". 26-1356 . . . . 119.95

B **Storage Hutch.** Mounts on system desk. Ideal for software binders and accessories. Assembles with adjustable "second shelf" on either side. 26-1359 . . . . 59.95

C **Corner Section.** The finishing touch— puts it all together! Connects system desk and printer stand for a convenient "work corner." Mounts on right or left side of desk. Adds approximately 4 square feet of working surface.
26-1358 . . . . 39.95

D **Printer Stand.** Large enough to accommodate wide-bed printers. Includes bottom-feed paper slot, unique swing-down paper catch for printed output and paper storage shelf. Adjustable glides. 27 × 28¹/₂ × 19¹/₂".
26-1357 . . . . 99.95

- Modern Simulated Oak Finish
- Beautiful, Spacious Matching Design
- All System Components Easy to Assemble

NEW FOR '85

Complete Workstation
299⁰⁰
Reg. Separate Items 319.80

Computer, printer and accessories not included

Computer Table

79⁹⁵

Small enough to let you set up your system nearly anywhere. Large enough for the Color Computer or even the Model 4 or III. Easy to assemble. 27 × 48 × 24".
26-1324 . . . . 79.95

Printer and Monitor Platform
29⁹⁵

Printer and paper not included

Accommodates standard computer monitor or narrow-bed printer (DMP-105, 110, 120 or 200, Line Printer VII or VIII). Top measures 16³/₄ × 13³/₄", with 5" clearance for printer paper. 26-1360 . . . . 29.95

New! Compact Computer and Printer Stands

A **Computer Stand**

NEW FOR '85

49⁹⁵ Each

B **Printer Stand**

- Inexpensive and Functional
- Beautiful Simulated Hickory Finish

Computer and accessories not included

Printer and paper not included

A **Compact Computer Stand.** Our lowest-priced computer desk. Ideal for any home computer system. Includes raised platform for your monitor or printer, plus a storage shelf for disk drives, software and accessories. Easy to assemble. 26 × 32 × 19³/₄".
26-1354 . . . . 49.95

B **Compact Printer Stand.** Matches either Computer Stand (26-1354) or Computer Table (26-1324). Large enough to accommodate wide-bed printers. Includes bottom-feed paper slot and paper storage shelf. Easy to assemble. Adjustable glides. 26 × 26⁷/₈ × 19³/₄".
26-1355 . . . . 49.95

61

NEW LOW PRICES ON THE MODEL 100

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 32K ROM; 8 or 24K RAM, expandable to 32K. **Keyboard:** Full-size 56-key typewriter style with embedded 10-key datapad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. **Display:** 8 × 40 Liquid Crystal Display, upper and lower case ASCII characters. 240 × 64 dot-matrix graphics. **Modem:** Built-in FCC-registered direct-connect modem with auto-dialer. 300 baud. Originate and answer. **Input/Output:** Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. **Dimensions:** 2 × 11⁷/₈ × 8¹/₂". **Weight:** 3.9 lbs. **Power Supply:** Operations—Up to 20 hours on 4 "AA" alkaline batteries or optional U.L. listed AC power supply. Memory—Internal rechargeable nickel-cadmium batteries will maintain memory intact for up to 30 days with power off (depending on the amount of RAM installed) and are automatically recharged from "AA" batteries or AC power.

8K RAM
Was $599 in Cat. RSC-12
399⁰⁰
AS LOW AS
$20 PER MONTH

24K RAM
Was $799 in Cat. RSC-12
599⁰⁰
AS LOW AS
$27 PER MONTH

- Five Built-In Management Programs
- Full-Size Typewriter-Style Keyboard
- 8-Line by 40-Character Display
- Direct-Connect Modem and Auto-Dialer

Model 100 Portable Computer. A technological "first"—Model 100 was the first computer to feature five instant-on programs, an 8 × 40 LCD display and a modem—all built in. Use Model 100 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Weighs less than 4 lbs. Requires four "AA" batteries.

8K Model 100. 26-3801 . . . . 399.00
24K Model 100. 26-3802 . . . . 599.00
Model 100 Legs. 26-3812 . . . . 3.99
8K RAM Upgrade. Add up to three modules for up to 32K. Requires installation (not included). 26-3816 . . . . 119.95

Model 100 Cassette Software for Greater Versatility

NEW! Assembler/Debugger. Debug, write and assemble machine language code. 26-3823 . . . . 49.95

NEW! Data Manager. With user-defined record and report layouts. Requires 24K, cassette recorder and Disk/Video Interface. 26-3841 . . . . 69.95

NEW! Project Scheduler. Divide a large job into individual tasks. Requires 24K and cassette recorder. 26-3843 . . . . 39.95

NEW! Bar Code Generator. Takes input from Model 100 TEXT files and produces bar codes in six forms. Requires 24K, cassette recorder, printer and cables. 26-3845 . . . . 34.95

NEW! Bar Code Reader. Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and wand. 26-3846 . . . . 19.95

NEW! Tandy Code Read/Write. Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3847 . . . . 24.95

NEW! Model 100 Spectaculator®. A minispreadsheet divided into rows and columns. Requires 16K memory. 26-3828 . . . . 49.95

NEW! Data Manager. Lets you store, examine, update and list a variety of information—from personal records to appointment schedules. 26-3836 . . . . 39.95

NEW! Business Finance. Twelve programs for business and personal finance applications. 26-3831 . . . . 39.95

NEW! SCRIPSIT® 100 Turns Model 100 into a true word processor—with far more power and sophisticated features than Model 100's built-in word processing software. Features advanced formatting capabilities. Requires printer. 26-3830 . . . . 39.95

NEW! Expense/Graph Plus. Produce expense account reports or for planning and budgeting. Create pie, bar or line graphs of any reports. 26-3837 . . . . 49.95

NEW! Data/Sort Plus. Powerful data base management system. Also allows fast information entry using the Bar Code Reader. 26-3838 . . . . 49.95

NEW! Business Decisions. Programs include Inventory Replenishment Analysis, Sequential Decision Analysis, Financial Ratios, Break-Even Analysis, Linear Programming and Pricing Table. Requires 24K memory. 26-3832 . . . . 39.95

Personal Finance. Keep up with expenses, compare budgeted amounts to actual costs, reconcile monthly check statements and more. 26-3822 . . . . 19.95

Calculator. Powerful math "scratchpad" for finance and regular math functions. 26-3827 . . . . 19.95

Statistics. Generate reports for descriptive statistics, frequency distribution, histogram, correlation, regression, time series analysis and much more. 26-3825 . . . . 29.95

Executive Calendar. Display your scheduled appointments or a calendar for any month of any year with a few keystrokes. 26-3833 . . . . 19.95

Function Plotter. Graph almost any algebraic function of one or two variables, including planar cartesian, planar polar, three-dimensional cartesian and cylindrical polar. Requires either the CGP-215 or CGP-115 printers, FP-215 printer/plotter or the multi-pen plotter. 26-3834 . . . . . 19.95

Investment Analysis. Helps optimize investment decisions. Includes bonds analysis, options trading, and commissioning programs. 26-3824 . . . . 69.95

Starblaze-100. Destroy alien ships to save the galaxy. 26-3840 . . . . 19.95

BASIC Language Lab. A complete and easy-to-understand tutorial on Model 100 BASIC. Covers redefining function keys, automatic program execution and more. With examples. 26-3821 . . . . 29.95

ROM Software

NEW! Multiplan. A portable version of the popular spreadsheet analysis program— does not occupy Model 100 RAM. 26-3829 . . . . 149.95

Express Order Service

Choose from the hottest names in software with our Express Order Software service at Radio Shack Computer Centers, participating stores and dealers. You'll get your software fast and professionaly supported by independent vendors.

NEW! TANDY 200 WITH MULTIPLAN

999⁰⁰

AS LOW AS

Radio Shack CITILINE $45 PER MONTH

- Six Built-In Programs, Plus Alarm and Calculator
- 24K RAM—Expandable to 72K
- Big 16-Line by 40-Character Liquid Crystal Display

Tandy 200. We've advanced the state of the art with a full 16-line display, tone-dialing and second-generation portable software! Just look at everything the Tandy 200 has to offer! Six "instant on" programs include an improved version of the Model 100's word processing program, plus Multiplan. Create your own spreadsheets and format reports with this easy-to-use decision support program. Use the Tandy 200 as an electronic appointment calendar, address/phone directory and telephone auto-dialer, too. It even generates tone dialing signals, so you can use the Tandy 200 with long-distance services. The Tandy 200 is programmable in BASIC and its standard 24K memory expands up to 72K by installing two 24K RAM Upgrades (below). Features a 40-character by 16-line flip-up screen, full-sized typewriter keyboard, and parallel, RS-232C, cassette and bar code reader interfaces.
26-3860 (Avail. 2/28/85) 999.00

24K RAM Upgrade. Add up to two memory modules for a total of 72K. Requires installation (not included).
26-3866 . . . . 249.95

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 72K ROM, expandable to 104K; 24K RAM, expandable to 72K. **Keyboard:** Full-sized 56-key typewriter style with embedded data pad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. **Display:** 16 × 40 liquid crystal display, upper and lower case ASCII characters, 240 × 128 dot-matrix graphics. **Modem:** Built-in 300-baud direct-connect modem with auto-dialer. FCC registered. Originate and answer modes. Tone dialing signals. **Input/Output:** Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. **Dimensions:** 2³/₁₆ × 11³/₄ × 8¹/₂". **Weight:** 4.5 lbs. **Power Supply:** Operations—Up to 16 hours on 4 "AA" alkaline batteries, and can use nickel-cadmium rechargeable batteries with minor additional-cost modification. Optional U.L. listed AC/DC charger adapter available. Memory—Internal rechargeable nickel-cadmium batteries will retain memory for up to 15 days with power off (depending on the amount of RAM installed).

Accessories for Tandy 200 and Model 100

On-the-Go Accessories

NEW FOR '85

Ⓐ **Acoustic Coupler.** 26-3805 . . . . . . 39.95
Ⓑ **Briefcase.** 26-3809 . . . . 49.95
Ⓒ **NEW! Carrying Case.** 26-3811 . . . . 39.95
Printer Cable. 26-1409 . . . . 14.95
Direct-Connect Modem Cable. With one free hour on CompuServe and Dow Jones News/Retrieval. 26-1410 . . . . 19.95
AC Adapter. U.L. listed. 26-3804 . . . . 5.95

Versatile Bar Code Reader

99⁹⁵

USE YOUR **Radio Shack CITILINE**

An optical scanning device that's ideal for inventory control, billing and couponing. Software drivers, callable from BASIC, allow you to read Universal Product Code, 3 of 9, Plessey and other bar code formats. Plugs into Tandy 200 or Model 100 bar code reader interface. 26-1183 . . . . 99.95

Add Disk Storage and Video

799⁰⁰

AS LOW AS

Radio Shack CITILINE $36 PER MONTH

- Built-In 184K Floppy Disk Drive for Rapid File Access
- Easily Expands with Second Disk Drive

Disk/Video Interface. Turn your Tandy 200 or Model 100 into a versatile disk-based home or office system! Built-in disk drive lets you create, store and retrieve files on diskette. Provides a 40-character by 25-line screen with your TV, or an 80 × 25 display with a standard video monitor. Leaves all standard computer connectors free for use with accessories. All cables included. Model 100 use requires 16K. 26-3806 . . . . 799.00
Second Disk Drive. Installation not included. 26-3807 . . . 239.95
VM-2 Monochrome Monitor. 26-3211 . . . . 159.95
Shown with optional second disk drive, computer and monitor (not included).

Use with TV or a Video Monitor

Radio Shack is the world's leading supplier of XENIX™-based multi-user systems. Centered around our powerful 16/32-bit Tandy 6000 microcomputer, these systems provide simultaneous job-handling without the expense of multiple computers. Instead, low-cost display terminals located throughout your office can be used to access the power of the Tandy 6000, resulting in significant cost savings.

When you choose the Tandy 6000 or any of our other models, you're getting much more than a computer. You're getting the total support that can only come from the world's largest computer retailer — Radio Shack. Over 1200 Computer Centers nationwide are ready to help you and your business with leasing plans, affordable service contracts and complete training facilities. Tandy is Clearly Superior!

TANDY...
Clearly Superior™
■Technology ■Service ■Support