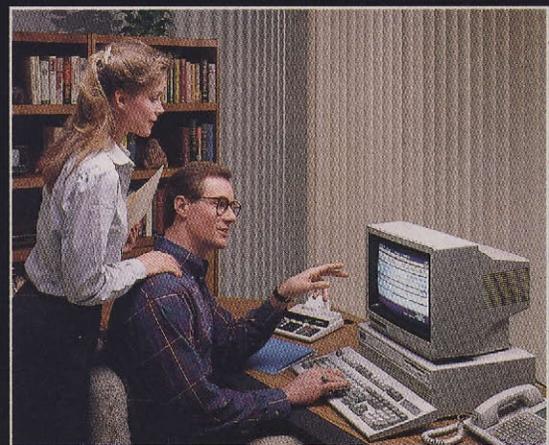
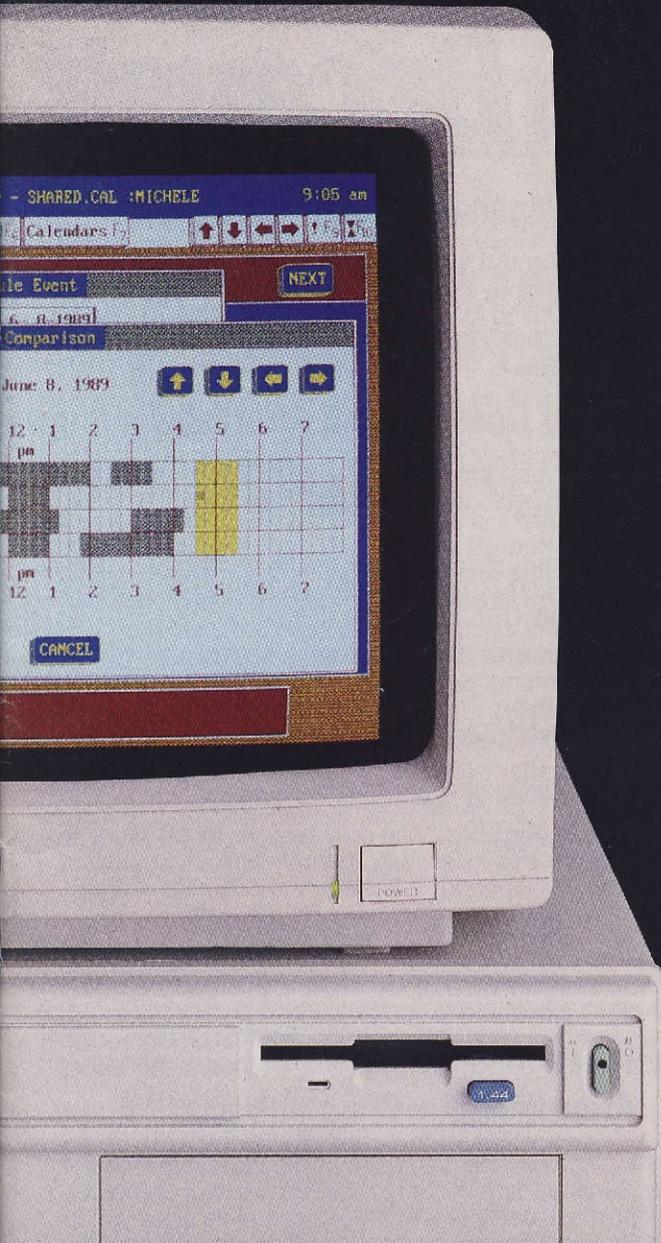


1990 Tandy[®] Computer Catalog

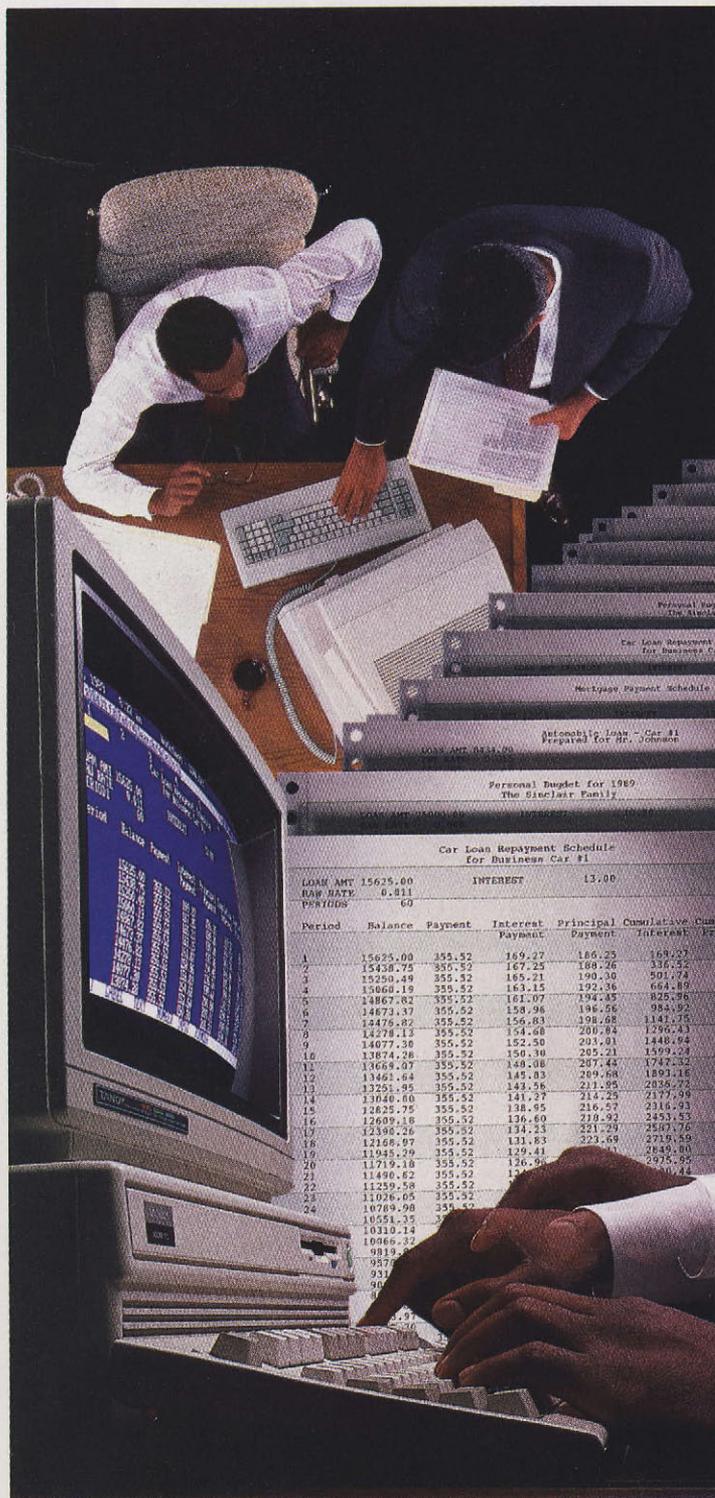
Radio Shack has the broadest line of PC compatibles, peripherals and accessories in America. Our Tandy computers are in homes, small businesses, classrooms and fully-networked offices. And they're all backed by the best in service and support. That's why we're America's #1 computer retailer.



RADIO SHACK 01-6008

Radio Shack[®]
COMPUTER CENTERS
A DIVISION OF TANDY CORPORATION

Tandy® Computers: Because



America Depends on Tandy Computers

Look to the name Tandy for the broadest line of PC compatibles made in America. Tandy PCs are relied on everyday to get the job done right, and to get it done fast. The fact is, Tandy computers are the best value for millions of businesses, educators and home users.

Value that Goes Beyond Affordability

Quality. Reliable performance is our design objective. Our exceptional quality results in a 33,000-hour mean time between failure.

Compatibility. Tandy manufactures the best-selling PC compatibles in America. They run all the popular MS-DOS software titles as well as MS OS/2 and SCO XENIX.

Technology. Innovative design, custom circuitry and a user-friendly software interface distinguish our computers from the competition. Plus every Tandy desktop computer is designed and built in our own USA manufacturing plants.

Connectivity. Tandy workgroups provide communications among PCs as well as to mainframe computers.

Longevity. Technology has been our business for 69 years. In 1977, we were first to successfully manufacture and market a personal computer—nobody's been in the business longer.

Nationwide Service

Radio Shack offers timely, professional and affordable service. Our technicians can come to you or you can bring your equipment to any of the 5000 Radio Shack stores or Computer Centers. Service is performed by factory-trained technicians.

Affordable Service Contracts

For protection against unexpected repair costs, invest in one of our Tandy Service Plans when you purchase your computer. For a minimal cost, carry-in and on-site contracts allow you to create a truly versatile service program to meet your specific needs. Tandy Service Plans are available on all Tandy Computers, including the CPU, related accessories and internally-installed enhancements, as well as most peripherals. In effect, these plans extend the limited warranty of your system on parts and labor.

Total Support

Our nationwide team of support experts provides you with the most comprehensive range of support services available in the industry. Commercial leasing, network planning and system installation help get you started. Our training programs, at your place of business or in one of our convenient classrooms, let you get the most out of your PC. Need help? We can answer your questions by phone or via the PC-Link Online Service. Each Radio Shack Computer Center also has specially-trained systems engineers on staff for prompt, personal assistance.

there is no better value. SM

We're Your Source for Software



With our exclusive Express Order service, a huge selection of software is as close as a phone call! Our 1990 Express Order Software Reference Guide lists more than 900 programs, organized by MS-DOS, XENIX, MS OS/2, TRSDOS® and Color Computer™ applications. Just choose the programs you want, call our toll-free number and charge your purchase to a major credit card. We'll send your software direct to you. It's just that easy—and fast! See page 23 for additional information, or ask for your free copy of the Express Order Software Buyer's Guide at any Radio Shack Computer Center.

Software for Education

Radio Shack offers software that educators most often request when integrating computers into their curricula or when providing for administrative solutions. Refer to The 1990 Radio Shack Educational Products Guide (see page 32).

Tandy Computer Leasing

Tandy Computer Leasing offers a true lease for tax purposes, with a variety of monthly terms. For school systems, special fiscally funded contracts are also available. Software, installation, training and taxes can be included in the lease, too.



A Variety of Credit Options

Radio Shack makes it easy for individuals and businesses to enjoy the latest in computer and telephone technology. The Radio Shack ValuePlus® (RSVP) revolving credit program offers you a personal line of credit that is separate from your other accounts. Your application may be approved in a matter of minutes. Budget your purchases with monthly payments, or pay your balance in full and avoid finance charges for the current billing cycle. Actual payments may vary depending upon your RSVP account balance. We also honor major credit cards, including American Express, Carte Blanche, Diners Club, Discover, MasterCard and Visa. In addition, 30-day term financing is available for qualified commercial and institutional organizations. Ask for details at your nearby Radio Shack Computer Center®. And remember, there's no annual fee!

HANDY INDEX

Accessories	40-45
Books	43
Business Telephones	52-54
Cables	41
Cellular Telephones	51
CD-ROM Player and Software	35
Classroom Networks	33
Color Computer	46
Software	47
Communications Software	19
DeskMate Software	24
Desktop Publishing	27
Diskettes	42
Education Division Products	32-33
Facsimile (FAX) Machine	54
Forms and Fanfold Paper	42
Furniture	44
Model 4D Computer	34
Modems/Acoustic Coupler	18-19
Monitors	14
Pocket Computers	48
Power Protection	45
Printers	36-39
Supplies	40-41
Software	
MS-DOS	22, 24-28, 30-31
Workgroup	29
XENIX	29
Tandy 5000 MC	8
Tandy 4020 LX/4025 LX	4
Tandy 4000	5
Tandy 4000 SX	6
Tandy 3000 NL	7
Tandy 1000 TL/2	10
Tandy 1000 SL	11
Tandy 1400 FD/HD	13
Tandy 1000 HX	12
Tandy 102 Portable Computer	48
Wordprocessors	55
Workgroup Solutions	20-21
XENIX Software	Tandy 5000/4000 29

See Your Radio Shack Computer Center For Information on Volume Purchasing

Trademark Notice: Marks appearing in this catalog followed by ®, ™ or SM are owned and identify products manufactured by or for Tandy Corporation. Other brand names appearing in this catalog identify products manufactured by or for other vendors whose marks appear on the products or product packaging. The absence of a ® in connection with marks identifying products of other vendors does not indicate an absence of registration of those marks.

© Copyright 1989 Tandy Corporation, Fort Worth, Texas 76102. Prices shown are cash prices and subject to change without notice. Prices apply at Radio Shack Computer Centers and participating Radio Shack stores and dealers in the contiguous USA but may vary from store to store. Radio Shack cannot be liable for pictorial or typographical errors. Some computer equipment in this catalog may require special order. Installation of some expansion options is recommended (not included).

ULTRA-FAST 386-BASED SYSTEMS



25 MHz Tandy 4025 LX
With 2MB Memory

4999⁰⁰

Lease for Only \$180 Per Month¹

Monitor not included

20 MHz Tandy 4020 LX
With 1MB Memory

3999⁰⁰

Lease for Only \$145 Per Month¹

Monitor not included

- Intel 80386 Microprocessor
- 32-Bit Data Path for Minicomputer Performance
- Includes VGA Graphics Adapter
- 3 1/2" 1.44MB Disk Drive
- Intel 82385 Memory Cache Controller
- SmartDrive™ IDE Technology for Cost-Effective Hard Disk Expansion
- Supports MS-DOS, MS OS/2 and SCO XENIX

Tandy 4025 LX. Discover pure performance, plus total compatibility with popular, industry-standard expansion options. The 25MHz 386 microprocessor along with the Intel 82385 memory cache controller and 32K of high-speed static RAM makes quick work of financial, engineering and CAD/CAM applications.

Ultra-fast operation makes the 4025 LX the computer of choice as the hub of a multiuser system. With SCO XENIX, your office can access the LX using low-cost data terminals. Ideal for networks—as the file server in a 3Com workgroup, the LX can easily manage information transfers between multiple computers. It's also a power workstation for engineering, CAD/CAM and software development.

High-speed VGA graphics produces astounding displays in 256 out of 256,000 colors or in 64 shades of grey. Two megabytes of memory plus a 32-bit Intel 82385 memory cache controller provide RAM-fast access to your data. Increase memory up to a total of 16 megabytes.

Custom configure your LX to suit your specific needs using five open expansion slots, plus one 3 1/2" and two 5 1/4" front-panel device slots. SmartDrive IDE technology lets you expand with low-cost 40MB or 80MB hard drives without the need of a controller board. Or expand with ultra-high performance SCSI storage options.

Tandy 4025 LX. 25-5125 (TSP Available) 4999.00
Tandy 4020 LX. Same features as the Tandy 4025 LX, but with 20MHz clock speed and 1MB memory.
 25-5120 (TSP Available) 3999.00

Tandy 4025 LX & 4020 LX Expansion

VGM-300 VGA Color Monitor (pictured above).

25-4042 629.00

1 MB Memory Kit. Expands 4020 LX to 2 MB. 25-5031 .. 599.95

Memory Expansion Adapter. 25-6030 99.95

NEW! Intel 25MHz 80387 Math Coprocessor. For the Tandy 4025 LX. 90-2322 920.00

Intel 20 MHz 80387 Math Coprocessor. For the Tandy 4020 LX. 90-2193 730.00

NEW! 4025/4020 LX Technical Reference Manual.
 25-5110 99.95

NEW! 40 MB 19ms 3 1/2" SmartDrive. 25-4119 649.00

NEW! 80 MB 19ms 3 1/2" SmartDrive. 25-4120 899.00

Microprocessor: Intel 80386 processor with 32-bit data path. **Memory Cache:** Intel 82385 memory cache controller with 32K of static RAM. **Clock Speed:** Tandy 4025 LX, 25 MHz. Tandy 4020 LX, 20 MHz. Real-time clock with battery backup. **Operating Systems:** Phoenix BIOS. Optional MS-DOS with BASIC, MS OS/2 and SCO XENIX 386. **Memory:** Tandy 4025 LX, 2 MB RAM (expandable to 16 megabytes using expansion slots). Tandy 4020 LX, 1 MB RAM (expandable to 16 megabytes using expansion slots). **Keyboard:** 101-key keyboard, with keyboard chassis lock. **Video Display:** Built-in VGA video adapter. Optional high-resolution, non-glare, non-interlaced 14" monochrome (white) or color VGA monitor. **Half-Height Devices:** Built-in 3 1/2" 1.44 MB floppy disk drive. On-board high-capacity floppy controller supports two 3 1/2" or 5 1/4" floppy drives. Drive storage is expandable to include one additional internal 3 1/2" plus two 5 1/4" floppy, hard disk, disk cartridge or tape backup system. Integrated device electronics provides expansion with SmartDrive hard disks. **Internal Expansion:** Six plug-in, 16-bit expansion slots, four 13" slots, two half-size slots (one of the half-size slots is occupied by a 16 bit VGA graphics adapter), plus two dedicated 32-bit memory slots. Tandy 4025 LX has support for optional 25 MHz 80387 Math Coprocessor. Tandy 4020 LX has support for optional 20 MHz 80387 Math Coprocessor. **External Connections:** One serial and mouse port and one bidirectional parallel printer port. **Dimensions:** (H x W x D) 6 1/2" x 15 3/4" x 17". **Weight:** 47 lbs. **Power Requirements:** Input: 120 VAC, 60 Hz. Output: 200 W. UL listed. **Certification:** FCC Class B.

TANDY 4000 WITH VGA GRAPHICS

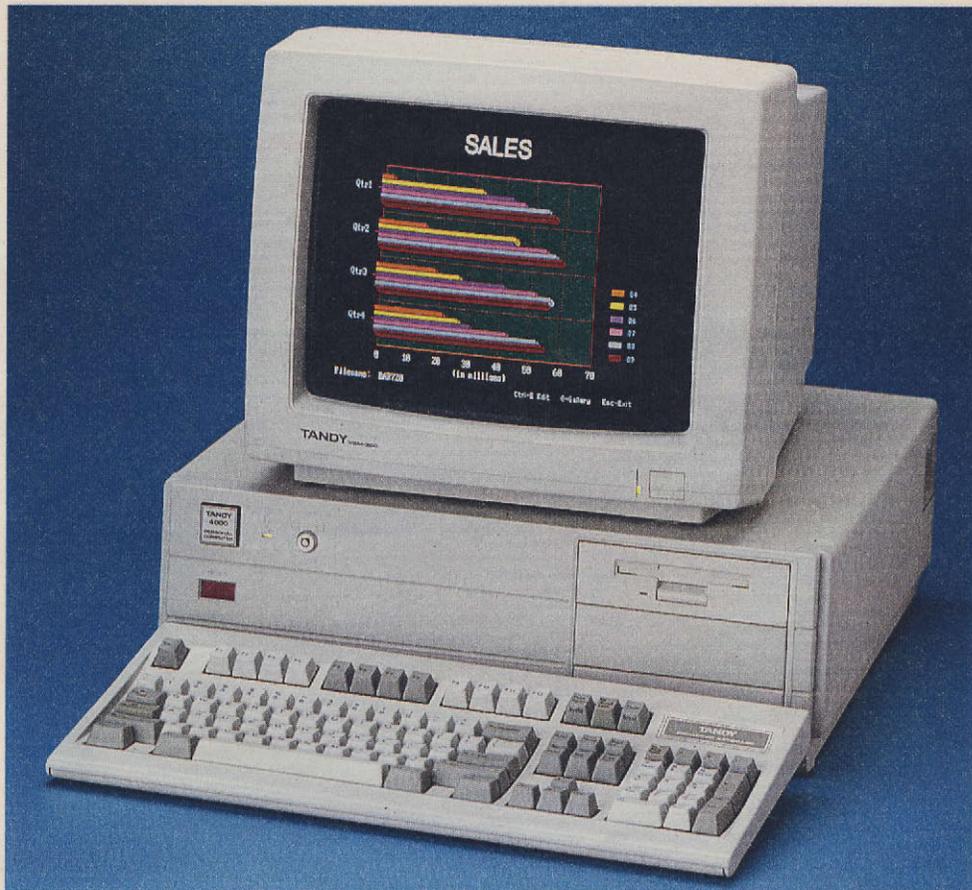
Performance-Proven
80386 System

2999⁰⁰

Lease for Only \$110 Per Month*

Monitor not included

- 16MHz Intel 80386 Technology
- Includes VGA Adapter for Superb High-Resolution Graphics
- Unprecedented Expandability to Meet the Needs of Your Business Today and Tomorrow
- Powerful Desktop Computing for Business Analysis and Desktop Publishing
- Economical File Server for SCO XENIX or Network Workgroups
- Display Up to 256 Colors From a Palette of 256,000
- Perfectly Suited for Desktop Publishing
- Six Open Expansion Slots For Easy Growth and Expandability



Tandy 4000. Superb power with unexcelled value for small business and office use. At the core of the 4000 is a 16 MHz 80386 microprocessor augmented by a full 32-bit data path for high-speed memory access of up to 16 MB (1MB standard).

This design translates into high performance with power to spare, whether applications are run single-user under MS-DOS, simultaneously under multi-tasking environments such as MS OS/2 or shared as a file server in a network or powerful multiuser environment.

Unprecedented expandability is the key to the design of the Tandy 4000. With six open expansion slots, the Tandy 4000 can be easily configured with multi-port serial cards, modems and controllers to meet the challenges of your growing business.

A 3 1/2" 1.44 MB floppy disk drive is standard, with room for two additional front-panel 3 1/2" or 5 1/4" floppies, hard drive, or tape backup system. Another 3 1/2" hard disk can be added internally for a total internal capacity of four devices.

The 4000 is ideally suited for desktop publishing. With high-resolution VGA graphics you can display up to 256 colors simultaneously. And network capabilities allow shared data and simultaneous work from one powerful station. Using a 4000 in a workgroup makes it easy to share information, update files in a common database and route messages and mail.

Tandy 4000. 25-5000/25-4043 (TSP Available) 2999.00

Tandy 4000. Without VGA. 25-5000 (TSP Available) 2799.00

Popular Tandy 4000 Expansion Options

VGM-300 VGA Color Monitor (pictured above).

25-4042 629.00

1 MB Memory Kit. Expands the 4000 to 2 MB.

25-5031 599.95

Memory Expansion Adapter. Supports memory expansion up to 8 MB per card—add two cards for memory expansion to 16 MB.

25-5029 179.95

Intel 80387-16 16 MHz Math Coprocessor.

900-2131 645.00

NEW! 40 MB 19ms 3 1/2" SmartDrive. High performance, low-cost drive for the "power user." Requires ST-506 Interface Adapter. (25-4121).

25-4119 649.00

SmartDrive Interface Adapter.

25-4121 49.95

Microprocessor: Intel 80386 processor with 32-bit data path. **Clock Speed:** 16 MHz. Real-time clock with battery backup. **Operating System:** Phoenix BIOS. Optional MS-DOS with BASIC, MS OS/2 and SCO XENIX 386. **Memory:** 1 MB RAM (expandable to 16 megabytes using expansion slots). **Keyboard:** 101-key keyboard, with chassis lock. **Video Display:** Optional high-resolution, non-glare, non-interlaced 12" monochrome (green) or 14" CGA or VGA monitors. **Half-Height Devices:** Built-in 3 1/2" or 5 1/4" floppy drives. Drive storage is expandable to include two additional internal 3 1/2" or 5 1/4" floppy, hard disk, disk cartridge or tape backup systems. **Internal Expansion:** Eight plug-in expansion slots (six AT and two XT), plus 32-bit expansion slot for high-performance memory. Optional 80387 Math Coprocessor can be added. **External Connections:** Serial and parallel printer ports. **Dimensions:** (H x W x D) 6 1/2 x 19 x 18". **Weight:** 47 lbs. **Power Requirements:** Input: 120 VAC, 60 Hz. Output: 200 watts. UL listed. **Certification:** FCC Class B.

STEP UP TO 386 POWER—AFFORDABLY



The Tandy 4000 SX: A Price/Performance Breakthrough

2599⁰⁰ Monitor
not included

Lease for Only \$95 Per Month*

- Powerful 16 MHz Intel® 80386SX Microprocessor
- 1MB Memory, Expandable to 16MB Using Two Dedicated High-Speed Memory Slots
- VGA Graphics
- SmartDrive™ IDE Hard Disk Support
- 3 1/2" 1.44MB Floppy Disk Drive
- Four Front-Panel Device Slots Provide Flexible Configuration
- Four Available AT-Style Slots Allow Easy Expansion
- MS® OS/2 Ready for the Next Generation in Software
- Parallel Printer Port and RS-232 Serial Port are Built In
- 80387SX Math Coprocessor Socket
- 101-Key Enhanced Keyboard
- Keyboard and Chassis Lock

The Tandy 4000 SX. Introducing 386™ performance at a price you'd expect to pay for a 286 system. You get the new Intel 80386SX microprocessor, built-in VGA graphics support and SmartDrive IDE technology for high-performance, low-cost hard drive support. It's ideal as an advanced business desktop system, high-performance network workstation or entry-level desktop publishing system.

The 4000 SX's Intel 80386SX microprocessor has the ability to operate high-performance 80386 based software, as well as current 80286 and 8088-based software. By also combining 16-bit hardware compatibility with 32-bit performance, the 80386SX insures your computer investment for the future.

The 4000 SX includes a built-in VGA card. Add a VGA color monitor and display astonishing graphics in 256 colors with near-photographic clarity. Both serial and parallel ports are also included for instant connection to accessories such as a laser printer, mouse or graphics tablet.

SmartDrive Integrated Drive Electronics (IDE) technology allows you to add high-performance 19 ms SmartDrive hard disk drives without the need or expense of a separate controller. Installation is quick, easy and doesn't require an expansion slot. Or, for even greater performance, add a SCSI (Small Computer System Interface) adapter and achieve data transfer rates of up to *ten times faster* than standard hard drives by using highly efficient SCSI hard drives.

Tandy 4000 SX. 25-4900 (TSP Available) 2599.00

Popular 4000 SX Expansion Options

- VGM-300 VGA Color Monitor.** 14" screen 320 x 200 graphics in 256 colors or 640 x 480 in 16 colors. 25-4042 629.00
- 1MB 100ns Memory Kit.** Add to 4000 SX for memory expansion to 2MB. 25-5031 649.00
- 2MB 100ns Memory Kit.** Memory expansion to 16MB. Requires Memory Expansion Adapter (25-4930) for expansion beyond 8MB. 25-5033 1299.00
- NEW! Memory Expansion Adapter.** 25-4930 99.95
- NEW! 40MB 19ms 3 1/2" SmartDrive.** 25-4119 649.00
- NEW! 80MB 19ms 3 1/2" SmartDrive.** 25-4120 899.00
- NEW! Tandy 4000 SX Technical Reference Manual.** 25-4910 99.95
- NEW! Intel 80387SX Math Coprocessor.** 900-2321 580.00

See pages 14-17 for more 4000 SX expansion options.

Microprocessor: Intel 80386SX processor with 16-bit data path. Clock Speed: 16 MHz. Real-time clock with battery backup. Operating Systems: Phoenix BIOS, Optional MS-DOS® with BASIC, MS OS/2 and SCO XENIX 386. Memory: 1 megabyte RAM (expandable to 16 megabytes using expansion slots). Keyboard: 101-key enhanced keyboard, including separate cursor and numeric pad, 12 function keys, special keys include ESCape, Num Lock, Alt, Ctrl, Caps Lock, Prt Sc, Sys Rq, Scroll Lock, Up, Down, Right and Left arrows. Retractable legs, 6-ft. coiled cable. Protective keyboard and chassis lock. Video Display: Built-in VGA adapter. Optional high-resolution, non-glare, non-interlaced monochrome (white) or color 14" VGA monitors. Disk Drive: Built-in 3 1/2" 1.44MB floppy disk drive. On-board high-capacity floppy controller supports two floppy 3 1/2" or 5 1/4" drives. Front-Panel Drive storage is expandable to include two 3 1/2" plus two 5 1/4" floppy, hard disk, disk cartridge or tape backup systems. Integrated drive electronics for expansion with SmartDrive IDE hard disk drives. Internal Expansion: Four 16-bit, one VGA plug-in expansion slots plus a 16-bit expansion slot for high-performance memory. Optional 80387SX math coprocessor can be added. External Connections: Serial and Bidirectional parallel printer ports. Dimensions: (H x W x D) 6 1/4 x 15 3/4 x 17". Weight: 47 lbs. Power Requirements: Input: 120 VAC, 60 Hz. Output: 200 watts. U.L. listed. Certification: FCC Class B.

286-BASED TANDY 3000 NL COMPUTER

**Affordable 80286 Power
and Remarkable
Expansion**

1999⁰⁰ Monitor
not included

Lease for Only \$60 Per Month*

- 10 MHz Intel 80286 Microprocessor
- Built-In 3 1/2" Disk Drive Stores 1.44MB on a Single Disk
- Includes VGA Video Adapter
- Four Front-Panel Device Slots
- Seven Expansion Slots, Plus a High-Performance Memory Expansion Slot
- MS OS/2 Ready for the Next Generation in Software
- Ideal for Use in a 3Com Office Communications Workgroup
- Enhanced 101-Key Keyboard
- Parallel Printer Port and RS-232 Serial Port are Built In
- Protective Keyboard and Chassis Lock
- Built-In Real-Time Clock with Battery Backup for Automatic Date and Time Stamping



Tandy 3000 NL. The Tandy 3000 NL is the right choice for a changing world. From the outset, you'll have an 80286-based system clocked at 10 MHz, complete with VGA color graphics.

You'll have the performance you need to manage productivity applications more effectively under MS-DOS, and the potential for multi-tasking and greater memory utilization under MS OS/2.

Now take on tomorrow: Complement the 3000 NL's built-in 1.44MB floppy disk drive with a second 3 1/2" drive, and you still have room for two front panel 5 1/4" drives. These drives can be either floppy or hard disk, tape cartridge backup system or a combination. And it's all done in a highly compact footprint.

Continue to custom configure your system using four 16-bit and three 8-bit expansion slots. The 3000 NL comes with 512K and can be expanded to a full 16 megabytes. Complete statistical applications faster with an optional 10 MHz 80287 math coprocessor.

Used in a 3Com Workgroup, the 3000 NL's unique 10 MHz bus architecture allows high-performance data transfer when you communicate with other computers in your office. Users and departments are able to work together more efficiently than ever before. Send memos, accounting reports and other important messages via computers. The Tandy 3000 NL allows your employees to work together more effectively as a team, as well as individuals.

Tandy 3000 NL With VGA Graphics.

25-4072/4043 (TSP Available) 1999.00

Tandy 3000 NL. Without VGA. 25-4072 (TSP Available), 1699.00

Popular 3000 NL Expansion Options

VGM 300 VGA Color Monitor. Pictured above. Requires 25-4043. 25-4042 629.00

128K Memory Kit. Increases 3000 NL memory to 640K. 25-4082 79.95

512K Memory Kit. Add to Memory Expansion Adapter (25-4027) for memory expansion of the 3000 NL to 1MB. Two additional memory kits expand the 3000 NL to 2 MB. 25-4028 399.95

Memory Expansion Adapter. Supports memory expansion on the 3000 NL up to 8MB. 25-4027 99.95

NEW! 40 MB SmartDrive. Requires 25-4121. 25-4119 649.00

NEW! SmartDrive Interface Adapter. 25-4121 49.95

NEW! Tandy 3000 NL Technical Reference Manual. 25-4113 89.95

Microprocessor: Intel 80286 processor with 16-bit data path. **Clock speed:** 10 MHz. **Real-time clock** with battery backup. **Operating Systems:** Optional Microsoft MS-DOS 3.3 with BASIC, MS OS/2, Phoenix® BIOS. **Memory:** 512K RAM with parity. By using the expansion slots, memory is expandable to 16 megabytes. **Keyboard:** 101-key enhanced keyboard, including separate cursor and numeric pad, 12 function keys. Special keys include ESCape, Num Lock, Alt, Ctrl, Caps Lock, Prt Sc, Sys Rq, Scroll Lock, Up, Down, Flight and Left arrows. Retractable legs, 6-ft. coiled cable. Protective keyboard and chassis lock. **Video Display:** Optional high-resolution, non-glare, non-interlaced 12" monochrome (green) or 14" CGA, EGA or VGA monitors. **Disk Drives:** Built-in 3 1/2" 1.44MB floppy disk drive. On-board high-capacity floppy controller supports two floppy 3 1/2" or 5 1/4" drives. Drive storage is expandable to include two 3 1/2" plus two 5 1/4" floppy, hard disk, disk cartridge or tape backup systems. **Internal Expansion:** Seven plug-in expansion slots (four AT and three XT), plus a high-performance memory expansion slot—10 MHz, 1 wait-state operation. Optional 80287 10 MHz math coprocessor can be added. **External Connections:** Bidirectional parallel printer port and RS-232 serial port. **Dimensions:** (H x W x D) 6 1/4 x 15 3/4 x 17". **Weight:** 33 lbs. **Power Requirements:** Input: 120VAC, 60 Hz. Output: 135 Watts. U.L. listed. **Certification:** FCC Class B.

HIGH-PERFORMANCE TANDY 5000 MC



The Alternative of
Choice for Today's
Power Users

4999⁰⁰

Lease for Only \$180 Per Month*

Monitor not included

- 20 MHz Intel® 80386 Microprocessor
- 2MB RAM, Expandable to 16MB
- Intel 82385 Memory Cache Controller
- Built-In VGA Graphics
- Displays up to 256 Colors, 64 Shades of Gray
- Five IBM® Micro Channel™ Expansion Slots, Two Dedicated Memory Slots
- Built-In 1.44MB 3 1/2" Disk Drive, Plus Three Front-Panel Device Slots
- High-Speed/High-Capacity Disk Drive Options
- Small Footprint ■ Security Keylock
- Supports MS-DOS®, MS® OS/2 and SCO® XENIX® Operating Systems
- Use As the Hub of a Multiuser System, or As a File Server in a 3Com Office Workgroup

The Tandy 5000 MC professional system is strictly business, from the look of its 256,000-color VGA graphics to the tactile feel of its keyboard. Inside is pure performance, from the Intel 80386 processor operating at 20 MHz to the fast memory with cache that provides RAM-fast access to your data. The 5000 MC can take full advantage of industry-standard MS-DOS applications, powerful new MS OS/2 programs or multi-user XENIX software.

The 5000 MC boasts the powerful 80386 microprocessor. Operating at 20 MHz, the 5000 MC cuts through the big jobs like database management, large spreadsheets and sophisticated graphics. And you can add a 20 MHz Intel 80387 math coprocessor for even faster calculations. To provide the fastest possible memory access, the 5000 MC includes the Intel 82385 Memory Cache Controller. This controller uses 32-bit wide, fast-static RAM devices to implement a 32K instruction-and-data memory cache. The result? Virtually instantaneous instruction or data fetch to achieve zero wait-state performance. The system architecture also provides an increase in data-transfer rates when the Tandy 5000 MC is configured within a workgroup or multi-user environment.

The Tandy 5000 MC comes equipped with high-resolution video graphics array (VGA) for extraordinary graphics and crystal-clear text. Ideal for CAD applications and desktop publishing, VGA lets you display up to 256 colors from a palette of over 256,000. Using a monochrome monitor, 64 shades of gray are available for remarkable contrast. VGA also supports CGA, EGA and MCGA graphics

and text. In addition, one of the expansion slots may be used for future IBM Micro Channel compatible video expansion support.

Because of its remarkable performance and storage capabilities, the 5000 MC is a natural as the hub of a multi-user system, or as the file server in a 3Com office workgroup. Using SCO XENIX 386, the 5000 MC will support up to 33 data terminals. This configuration lets your entire office share the 5000 MC's power in a truly cost-efficient environment. And in a 3Com workgroup environment, office users with other PCs can access the 5000 MC's enormous database capabilities with unprecedented speed.

Tandy 5000 MC. With 2MB RAM and 3 1/2" 1.44MB disk drive.
25-6000 (TSP Available) 4999.00

Tandy 5000 MC w/ 19ms 40MB Hard Disk.
25-6001 (TSP Available) 6499.00

Tandy 5000 MC w/ 16ms 80MB Hard Disk.
25-6002 (TSP Available) 6999.00

Microprocessor: Intel 80386. **Clock Speed:** 20 MHz. **Math Coprocessor:** Optional Intel 80387. 20 MHz clock speed. **Memory Cache:** Intel 82385 Memory Cache Controller with 32K static RAM. Maximizes memory processing (95% of processor requests at 0 wait states). **System Memory:** 2MB standard, expandable to 16MB via two dedicated, high-speed 32-bit memory slots. **Video Support:** VGA graphics built in. VGA graphics provide up to 256 colors from a palette of over 256,000 and 64 shades of gray (monochrome). Also includes support for MCGA, EGA and CGA software modes. **Mass Storage Devices:** Built-in 1.44MB 3 1/2" floppy disk drive. A second internal 3 1/2" floppy or hard drive may be added. Two additional 5 1/4" device slots allow installation of an internal 5 1/4" floppy disk drive (1.2MB or 360K), a tape drive, or hard disk drive options. **Keyboard:** Ergonomic, 101-key enhanced keyboard with tactile feedback. 12 function keys, separate numeric keypad. **Expansion Slots:** Five standard IBM Micro Channel card slots (two 32-bit, three 16-bit), plus two 32-bit dedicated memory slots. **Standard Interfaces:** Mouse port, asynchronous communications port (RS-232 serial), parallel printer port. **Real-Time Clock:** Built-in real-time clock with battery backup. **Operating Systems:** Optional MS-DOS 3.3, MS OS/2 and SCO XENIX 386. **Phoenix BIOS.** **Power Supply:** 200 watts (exceeds power requirements of system, even when fully configured). U.L. listed. **Dimensions:** 6 1/8" x 17" x 15 1/2". **Authorization:** Verified to comply with FCC Class A.

TANDY 5000 MC EXPANSION OPTIONS

An Overview of the Tandy 5000's IBM Micro Channel Architecture

The Tandy 5000 MC features IBM Micro Channel-compatible architecture. At the heart of this architecture is a new bus design that expands the data path to a full 32 bits. This design also allows multiple microprocessors to use the same bus. Intelligent peripherals will be able to operate without burdening the CPU. The effect is to optimize throughput between I/O devices and the CPU for unprecedented performance. Five Micro Channel expansion slots are available on the Tandy 5000 MC, which support only IBM Micro Channel-compatible adapters listed on this page.

NEW! Tandy 5000 MC Technical Reference Manual.
25-6108 99.95

Operating Environments

MS-DOS and BASIC. Supports multiple DOS disk partitions.
25-4109 119.95

Microsoft® Windows 386. Work with DOS and Windows applications simultaneously and transfer data between them. Graphical user interface. Handy set of desktop applications.
25-5111 195.00

MS OS/2. Breaks the 640K DOS memory barrier. This powerful multitasking operating system permits simultaneous execution of multiple OS/2 applications. 25-4100 325.00

Tandy 5000 MC Expansion Options

VGM-300 RGB Analog Monitor. Pictured on page 8. 14" screen displays 320 x 200 graphics in 256 colors or 640 x 480 in 16 colors. With .31 mm dot pitch.
25-4042 629.00

For additional monitor options, see page 14.

Microsoft Serial Mouse. Gives added flexibility to programs. Use it to interface to popular graphics-based applications such as DeskMate, Microsoft Windows and PageMaker.
900-2116 150.00

Memory Expansion Adapter. Add two 1MB Memory Kits (25-5031) for memory expansion to 2MB per adapter, or four 2MB SIMM Kits (25-5033) for memory expansion to 8MB.
25-6030 99.95

1MB Memory Kit. Add two 1MB Memory Kits to the Memory Expansion Adapter (25-6030) for an additional 2MB of memory on the 5000 MC. Contains four 256K SIMMs.
25-5031 649.00

2MB SIMM Kit. 25-5033 1299.00

NEW! Orchid RamQuest Extra. 2MB memory adapter, expandable to 8MB, supports LIM 4.0 expanded memory applications. Works in both 16-bit Micro Channel expansion slot and higher performance 32-bit. Includes one parallel port and one serial port with serial cable.
900-2460 1899.00

NEW! Neotech Serial/Parallel Adapter. 900-2454 169.95

NEW! STB Dual-Port Serial Adapter. 900-2455 225.00

New Low Price! Intel 80387 Math Coprocessor-20. Performs fast and highly accurate mathematical calculations. Operates at 20 MHz. User installable. Was \$1095.00 in RSC-20.
900-2193 730.00

Intel and 386 licensed from Intel Corp. MS-DOS, MS and XENIX licensed from Microsoft Corp. IBM/Reg. TM and Micro Channel/TM IBM Corp.
PROTECT YOUR INVESTMENT—TANDY SERVICE PLANS ARE AVAILABLE FOR MANY PRODUCTS. ASK FOR DETAILS.

Popular Storage Options

3 1/2" Internal 1.44MB Floppy Disk Drive Kit.
25-4053 279.95

New Low Price! 5 1/4" Internal 1.2MB Disk Drive Kit. Was \$299.95 in RSC-20. 25-4050 279.95

SCSI Host Adapter. The highest-performance Micro Channel-to-SCSI host adapter in the industry. Data rates up to 64 megabits per second. A single board will support up to three internal or external hard drives or tape backup systems. For a complete list of SCSI (Small Computer System Interface) Hard Drives and Tape Backup Systems available for the 5000 MC, see page 15.
25-6060 499.95

New Low Price! 40MB 19ms 3 1/2" SCSI Hard Drive. Was \$999.00 in RSC-20. 25-4159 799.00

New Low Price! 80MB 19ms 3 1/2" SCSI Hard Drive. Was \$1499.00 in RSC-20.
25-4160 1299.00

New Low Price! 170MB 19ms 3 1/2" SCSI Hard Drive. Was \$2499.00 in RSC-20.
25-4162 1999.00

NEW! 344MB 19ms 5 1/4" SCSI Hard Drive.
25-4163 2999.00

NEW! Western Digital ESDI Controller. IBM PS/2 compatible ESDI controller. Provides data transfer up to 10 megabits per second. Supports two ESDI hard disk drives.
900-2450 429.95

150MB 5 1/4" Half-Height ESDI Hard Drive. 18ms average access. Requires ESDI controller (either 25-6050 or 90-2450).
25-4151 1999.00

Communications Options

Ven-Tel® 2400-bps Internal Modem-MC. CCITT V.22bis at 2400 bps, V.22 and Bell 212A at 1200 bps, and Bell 103/113 at 300 bps. IBM Micro Channel bus interface.
900-2198 449.00

Multuser Expansion

SCO XENIX 386. Supports 386 virtual memory, demand paging, binary compatibility to all XENIX applications.
3 1/2", 903-1570 795.00

SCO XENIX Development System. Write "C" and assembly-language programs. 386 "C" compilers support 32-bit code. Powerful DOS cross-development environment programs for DOS and XENIX. 25-5201 795.00

SCO XENIX Text Processing System. Contains tools for the preparation of presentation-quality documents.
25-5202 195.00

NEW! ARNET Multiport/2. An 8-port multiuser board designed for IBM Micro Channel style bus architecture. Multiple boards may be added for support of up to 32 users on the Tandy 5000 MC when used under SCO XENIX 386.
900-2456 995.00

NEW! ARNET Smartport/2-8. 900-2457 1595.00

3Com EtherLink™/MC. Allows the 5000 MC to become the file server/workstation in a 3Com office workgroup. Compatible with most popular LANs. Includes both BNC and DIX connectors. Optional network boot PROM for 3+ networks.
900-1670 595.00

286-BASED TANDY 1000 TL/2 SYSTEM



High Performance
for Small Business
and Home Office

**NEW
FOR '90**

1299⁰⁰

Low As \$65 Per Month*
Monitor not included

- Powerful 8 MHz Intel® 80286 Microprocessor
- SmartDrive™ Technology Provides Affordable Hard Disk Expansion
- 640K RAM ■ Enhanced Keyboard
- Automatically Loads MS-DOS and DeskMate® Without Diskettes
- Built-In 3 1/2" 720K Disk Drive
- Parallel Printer Adapter, RS-232 Serial Port and Two Joystick Ports
- Software Compatible with IBM PC
- Enhanced Sound and Speech Capabilities Let You Record and Listen to Voice and Music
- New DeskMate® 3 Productivity Software with Built-In Tutorial Help
- Real-Time Clock and Battery Backup

Tandy 1000 TL/2. Absolutely packed with features! You can run sophisticated business software on durable 3 1/2" 720K diskettes. A real-time clock/calendar, a parallel printer adapter and RS-232 serial port are all built in.

And because hard disk expansion is so important to serious PC users, the 1000 TL/2 features built-in SmartDrive technology. Tandy SmartDrives provide 20 or 40 megabytes of data storage without the need—or expense—of a separate controller board. You can expand affordably, and without using a card slot!

DeskMate 3, with word processing, spreadsheet analysis, filing and other useful applications, is included—complete with a new Tutorial program to help you get started fast.

And unlike other PCs, the 1000 TL/2 comes with MS-DOS and the DeskMate Graphical User Interface built in. In just seconds after you turn the 1000 TL/2 on, up comes a neat organized display of your programs. You don't have to learn DOS commands, either—the DeskMate Interface guides you as you go.

Built-in video supports monochrome text, Hercules monochrome graphics and CGA color graphics with enhancements. The superb graphics are complemented by digital sound and speech capabilities. Using DeskMate's sound editor and an optional microphone (33-1060), you'll be able to record and edit voice, music, sound effects onto disks, then play them back at your convenience.

Expansion is easy—and thorough. Add a second 3 1/2" internal drive and a 5 1/4" internal drive for complete flexibility. Inside, there are five PC-compatible card slots and a socket for a math coprocessor.

Tandy 1000 TL/2. 25-1602 (TSP Available) 1299.00

Popular Tandy 1000 TL/2 Accessories

- CM-11 High-Resolution RGBI Color Monitor.** As seen in photo. 25-1024 399.95
- CM-5 RGBI Color Monitor.** 25-1043 299.95
- Tandy Serial Mouse.** Plugs into any 9-pin male serial port. Great for use with DeskMate. 25-1040 49.95
- 3 1/2" Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). 25-1075 169.95
- 5 1/4" Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). 25-1063 169.95
- NEW! 20-Megabyte SmartDrive.** 25-1045 399.95
- NEW! 40-Megabyte SmartDrive.** 25-1046 599.95
- The FUNDamentals TL.** An interactive intro! 25-1233 19.95

Microprocessor: 80286. Optional 80287 Math Coprocessor. **Clock Speed:** 8/4 MHz (Software Selectable). **Operating System and Included Software:** Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate. Phoenix BIOS. **Memory:** 640K RAM (expandable to 768K, 640K for MS-DOS and 128K for Video). EMS memory available through optional expansion boards. Includes 512K ROM and 1024 bits EEPROM for system configuration. **On Board Video Support:** Text—MDA or CGA compatible, 80 or 40 characters per line by 25 lines. Graphics—Hercules (720 x 348 pixels), CGA compatible with enhancements (640 x 200 pixels, 16-color and 4-color). **Display Options:** Monochrome—High resolution monitor (VM-5, green). Color—14" RGB Color Monitor (CM-5 or CM-11). **Sound:** Built-in 8 bit bi-directional DAC for sound and speech generation including internal speaker, 1/8" external stereo headphone jack with volume control and 1/8" microphone input jack. **Disk Drives:** One double-sided, double density 3.5" 720K (formatted) floppy disk drive (1" in height). Disk Drive is expandable to support 3 floppy drives (2-3.5" and 1-5.25") or 3 floppy drives and one SmartDrive hard disk using integrated drive electronics. **Keyboard:** 101-key Enhanced keyboard with tactile feedback. **Internal Expansion Slots:** 5-10" IBM PC Bus compatible (8-bit) card slots. User accessible. **External Connectors:** Parallel Printer Port, RS-232 Serial Port (9-pin male), 2 joystick ports, 1/8" Mic in and 1/8" stereo headphone out. **Internal Clock:** Realtime clock/calendar with battery backup. **Dimensions (H x W x D):** 5.1 x 15.5 x 13.1". **Weight (Shipping):** 33 lbs. **Power Supply:** Input: 120VAC, 50/60 Hz. Output: 67 Watts. UL listed. Certification: FCC Class B.

TANDY 1000 SL WITH DESKMATE®

The Perfect First
Computer for Use at
Home or Dorm

89900 Low As
\$45 Per Month*

Monitor not included

- Easy-to-Use DeskMate Gets You Started With Useful Applications
- MS-DOS and DeskMate Interface Load without Diskettes
- DeskMate User Interface Shows Software Selections Graphically
- Software Compatible with the IBM® PC—Choose From Thousands of Popular Programs
- 8086 Processor ■ 384K RAM
- One Built-In 5 1/4" 360,000-Character Disk Drive
- Add a Second Internal Disk Drive (5 1/4" or 3 1/2")
- Enhanced Sound and Speech Capabilities Let You Record and Listen to Voice and Music
- Built-In Headphone Jack with Volume Control



Tandy 1000 SL. You can be up and running in seconds! Turn on the 1000 SL and MS-DOS loads automatically. And instead of confusing computer jargon, the 1000 SL will greet you by displaying the DeskMate Graphical User Interface, an organized listing of your programs. It's easy—no previous computer experience is needed. Choose from popular, industry-standard software, or get right to work with the included DeskMate software. DeskMate lets you write letters or book reports with the aid of a built-in 90,000-word spelling checker, keep a budget, organize your files, schedule events and create colorful graphics.

DeskMate also features an address book, Hangman word game, communications and PC-Link, an affordable online information service. An exclusive Music program and sound editor let you record and edit music, voice or other sound effects directly onto your 5 1/4" diskettes. Listen to your recordings through the 1000 SL's built-in speaker or plug in headphones for private listening.

Thanks to a built-in tutorial program, DeskMate is not only easy to use, it's easy to learn. Pull-down menus and dialogue boxes guide you through each application. You'll be confident about your ability to use DeskMate and confident with DeskMate's capabilities in no time at all! You can even plug in an optional mouse and enjoy "point and click" convenience.

The built-in video supports monochrome text, Hercules® monochrome graphics and CGA color graphics with enhancements. The Tandy 1000 SL comes with an enhanced 101-key keyboard, a 5 1/4" 360K disk drive and five user-accessible expansion slots.

Tandy 1000 SL. 25-1401 (TSP Available) 899.00

Popular Tandy 1000 SL Accessories

- CM-5 RGBI Color Monitor.** As seen in photo.
25-1043 299.95
- CM-11 High-Resolution RGBI Color Monitor.** 25-1024 ... 399.95
- Tandy Serial Mouse.** Plugs into any 9-pin male serial port. Great for use with DeskMate. 25-1040 49.95
- 5 1/4" Floppy Disk Drive Kit.** 25-1063 169.95
- 3 1/2" Floppy Disk Drive Kit.** 25-1075 169.95
- 3 1/2" to 5 1/4" Adapter.** For use with #25-1075. 25-1076 ... 34.95
- New Low Price! 20-Megabyte Hard Disk Card.** Was \$599.00 in RSC-20. 25-1032 499.95
- SmartWatch.** Time/date on a chip. 25-1033 39.95
- The FUNDamentals SL.** An interactive introduction to the operation of your 1000 SL. 25-1236 19.95

Microprocessor: 8086. Optional 8087 Math Coprocessor. **Clock Speed:** 8/4 MHz (Software Selectable). **Operating System and Included Software:** Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate. Phoenix BIOS. **Memory:** 384K RAM (expandable to 640K, using 8 64K x 4 drams). EMS memory available through optional expansion boards. Includes 512K ROM and 1024 bits EEPROM for system configuration. **On Board Video Support:** Text—MDA or CGA compatible, 80 or 40 characters per line by 25 lines. Graphics—Hercules (720 x 348 pixels). CGA compatible with enhancements, (640 x 200 pixels, 16-color and 4-color). **Display Options:** Monochrome—High resolution monitor (VM-5, green). Color—14" RGB Color Monitor (CM-5 or CM-11). **Sound:** Built-in 8 bit bi-directional DAC for sound and speech generation including internal speaker, 1/8" external stereo headphone jack with volume control and 1/8" microphone input jack. **Disk Drives:** One double-sided, double density 5.25" 360K (formatted) floppy disk drive. Expandable to support a second floppy drive (5.25" or 3.5") and 1 hard disk card. **Keyboard:** 101-key Enhanced keyboard with tactile feedback. **Internal Expansion Slots:** 5-10" IBM PC Bus compatible (8-bit) card slots. User Accessible. **External Connectors:** Parallel Printer Port, RS-232 Serial Port (9-pin male), 2 joystick ports, 1/8" Mic in and 1/8" stereo headphone out. **Internal Clock:** Optional SmartWatch (25-1033). **Dimensions (H x W x D):** 5.1 x 15.5 x 13.1" **Weight (Shipping):** 33 lbs. **Power Supply:** Input: 120VAC, 50/60 Hz. Output: 67 Watts. UL listed. Certification: FCC Class B.

TANDY 1000 HX WITH BUILT-IN MS-DOS®



Our Lowest-Priced
PC-Compatible for
Home or School

699⁰⁰ Less monitor,
platform and
mouse

Low As \$35 Per Month*

- Features 8088-2 Microprocessor with Switchable 7.16/4.77 MHz Clock Speed
- MS-DOS 2.11 Built-In ROM—Loads in Seconds Without Diskettes!
- Software Compatible with the IBM PC—Choose From Thousands of Popular Programs
- Plug In Joysticks, RGB Color Monitor or Printer without Buying Extra-Cost Adapters
- 3 1/2" 720K Disk Drive ■ 256K RAM
- Includes Personal DeskMate 2™*
- Built-In 3-Voice Sound Circuit for Music Generation
- Speaker and Headphone Jack With Volume Control

Tandy 1000 HX. The affordable PC with deluxe features. MS-DOS loads automatically in just seconds—just insert your program diskette and you're ready! (With other PCs, you insert the MS-DOS operating system diskette, wait for it to load and then remove the diskette—all before you load your program diskette.) It's the ultimate in ease of use for first-time users, the ultimate in time-saving convenience for experienced users!

A high-capacity, 720K 3 1/2" disk drive is built in—and there's room for a second 3 1/2" drive (quick installation is available). And the Tandy 1000 HX is PC-compatible so you can use popular MS-DOS programs available on durable, 3 1/2" diskettes. For total flexibility, you can run software on 5 1/4" diskettes with an optional 5 1/4" External Disk Drive.

Your first program is included—Personal DeskMate 2 with seven handy applications. Personal DeskMate 2 is an easy to use, integrated program that uses pull-down menus and dialogue boxes written in plain English. Plug in a mouse and you can enjoy "point and click" convenience. A 16-color PAINT program lets you create drawings and designs, and a MUSIC program lets you enter and play back songs of your choice. TEXT is a word processor for preparing correction-free letters, school papers and reports. WORKSHEET is an electronic spreadsheet that is ideal for keeping a running budget. FILER is a very simple filing system for storing information like mailing lists, birthdays, etc. There is also a COMMUNICATIONS program** and a CALENDAR to keep up to date on upcoming events and help manage your time.

Tandy 1000 HX. 25-1053 (TSP Available) 699.00

Popular Tandy 1000 HX Accessories

- CM-5 RGBI Color Monitor.** Shown above with 1000 HX.
25-1043 299.95
- Monitor Platform.** (Shown above.) 26-1329 19.95
- Color Mouse.** One button. 26-3025 29.95
- Deluxe Color Mouse.** Two button. 26-3125 49.95
- Deluxe Joystick.** 26-3012 22.95
- NEW! Pistol-Grip Joystick.** 26-3123 29.95
- 3 1/2" 720K Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). 25-1065 169.95
- 5 1/4" 360K External Floppy Disk Drive Kit.** 25-1060 249.95
- SmartWatch.** Time/date on a chip. 25-1033 39.95
- Memory PLUS Expansion Adapter.** Expands your Tandy 1000 EX/HX to 384K. 25-1062 149.95
- The FUNDamentals.** An interactive introduction to the operation of your 1000 HX. 25-1186 24.95

Microprocessor: 8088-2. Clock Speed: 7.16/4.77 MHz. (Software selectable). Operating System and Included Software: Microsoft MS-DOS 2.11 in ROM. GW-BASIC and Personal DeskMate. Phoenix BIOS. Memory: 256K RAM, expandable to 640K. 128K ROM and 256 bits EEPROM with MS-DOS resident. On Board Video Support: Text—80 or 40 characters per line by 25 lines. Graphics—CGA compatible with enhancements; 640 x 200 pixels, 4 color; 320 x 200 pixels, 16 color. Disk Drive: One, double-sided, double-density 720K (formatted) thin-line 3 1/2" mini-floppy. Keyboard: Integral 90-key sculptured, including numeric-entry keypad. Twelve programmable Function keys. Internal Expansion: Second 3 1/2" 720K disk drive. One "PLUS" style expansion board or two "PLUS" style expansion boards when used with Memory PLUS Expansion Adapter (25-1062). Clock/Calendar (25-1033). External Connections: 5 1/4" 360K or 3 1/2" 720K external drive. Standard parallel port, composite video out, 1/8" headphone jack with volume control, two joysticks, RGBI Color Monitor. AC outlet. Dimensions: 3 1/4 x 17 x 14 1/2". Weight: 19 lbs. Power Supply: Input—120 VAC, 50/60 Hz. Output—25 watts. UL listed. Certification: FCC Class B.

*Personal DeskMate 2 requires an 80-column monitor. **Communications requires optional modem. MS-DOS/licensed from Microsoft Corp. IBM/Reg. TM IBM Corp. Personal DeskMate 2/TM Tandy Corporation.

PC-COMPATIBLE TANDY 1400 LAPTOPS

**Desktop Power
With the Advantage
of Total Mobility**

Tandy 1400 FD With Two
3 1/2" 720K Disk Drives

**NEW
FOR '90**

1499⁰⁰

Low As \$75 Per Month*

Tandy 1400 HD With Built-in
20MB Hard Disk Drive

**NEW
FOR '90**

2499⁰⁰

Low As \$125 Per Month*



**1400 HD Features
Built-In Hard Disk**

- Full-function IBM® PC Compatible ■ Built-In Carry Handle
- High-Definition Supertwist Backlit Display for Superb Clarity
- Removable, Rechargeable Battery Pack for Constant Power

Tandy 1400 FD. The perfect solution for people who spend time traveling. You'll be able to finish reports and memos, organize your presentation materials—and create spreadsheets—at any time or place. Write a proposal on the plane or in your hotel room. You can even take the 1400 FD home to complete your office work. Finishing those important jobs is a snap with the 1400 FD.

Naturally, you can use the 1400 FD in your office and enjoy all the advantages of a fully configured desktop computer. You can add an RGB color monitor, a separate keyboard and a printer, because all of the adapters are built in. The 1400 comes with MS-DOS® 3.3/GW-BASIC—they aren't expensive options you have to buy before you can use your computer. And because it is IBM PC compatible, you can run sophisticated programs to increase your productivity.

The remarkably clear backlit liquid-crystal display is the ultimate in clarity and readability. It features 80-character by 25-line resolution (same as a full-sized monitor), and the latest in "supertwist" LCD technology. The keyboard features 76 typewriter-style keys and special-function keys.

Tandy 1400 FD. 25-3501 (TSP Available) 1499.00

Tandy 1400 HD. Same as the Tandy 1400 FD, but with a 20 meg hard drive and one 3 1/2" floppy drive.

25-3505 (TSP Available) 2499.00

Tandy 1400 FD/HD Accessories

NEW! 2400 bps Internal Modem. 25-3524 199.95

1200 bps Internal Modem. 25-3510 119.95

World Port 2400 Modem. 900-2207 299.00

NEW! Internal 20 Meg. Hard Disk Kit. Replaces one of the 1400 FD's floppy drives. Installation required (not included). 25-3516 1099.00

NEW! Replacement Battery Pack. 25-3521 79.95

MS-DOS/GW-BASIC Reference Guide. Complete guide to all MS-DOS and GW-BASIC commands. 25-1508 29.95

Carrying Case. 25-3511 44.95

NEW! Weltec External 5 1/4" Disk Drive. 900-2084 299.00

Tandy 1400 LT Accessories

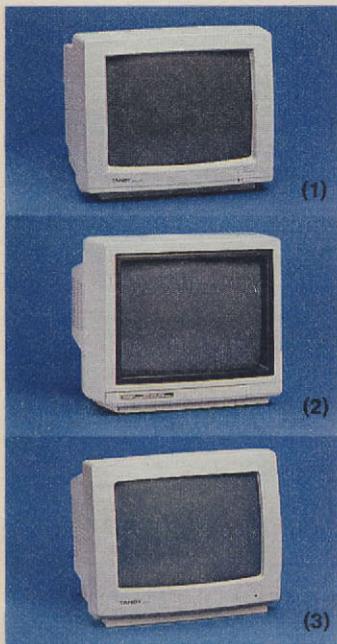
NEW! Internal 20-Megabyte Hard Disk Kit. Replaces one of the Tandy 1400 LT's internal floppy drives. Installation required (not included). 25-3515 1199.00

Replacement Battery Pack. 25-3520 79.95

Technical Reference Guide. 25-1515 39.95

Microprocessor: NEC V-20 (8088 equivalent). **Clock Speed:** 8/4.77 MHz (switchable). **Operating System and Included Software:** Microsoft MS-DOS 3.3/GW-BASIC. Phoenix Bios. **Memory:** 16K ROM, 768K RAM. 640K accessible by MS-DOS, 128K available for RAM-based disk drive. **On Board Video Support:** Backlit "Supertwist" LCD, 640 x 200 pixels, 80 x 25 characters, aspect ratio 1:1.4. **Optional RGB Color Monitor.** **Disk Drives:** FD—two internal 720K 3 1/2" double-sized, double-density. HD—One 720K 3 1/2", plus one 20MB hard disk drive. Both models support one external disk drive. **Keyboard:** Full-size, 76 keys. **Modem:** Optional 2400-bps modem. **External Connections:** AC adapter, DB-25 Parallel Printer, DB-9 Serial Port, RGB Color Monitor, External Disk Drive, Enhanced Keyboard. **Dimensions:** 3 1/2 x 12 1/2 x 14 1/2". **Weight:** 11.5 lbs. **Power Supply:** AC Adapter—15 VDC 700 mA, UL listed. **Battery—**Removable 4.8 Volt, 4400 mAh. **Certification:** FCC Class B.

QUALITY SYSTEM ENHANCEMENTS



Monitors and Accessories

- (1) **VGM-300.** Our top-of-the-line VGA color analog monitor, with .31mm dot pitch. 25-4042 629.00
VGM-200. An affordable VGA color display with .42mm dot pitch. 25-4041 499.95
VGM-100 Monochrome VGA Monitor. Displays up to 64 shades of grey. 25-4040 199.95
NEW! 6" Shielded VGA Monitor Extension Cable. DB 15 connector. 26-255 24.95
- (2) **CM-11 High-Resolution CGA Monitor.** Displays 640 x 200 graphics resolution. 25-1024 399.95
CM-5 CGA Monitor. Displays standard 320 x 200 graphics. 25-1043 299.95
- (3) **VM-5 Monochrome Monitor.** 14" screen displays up to 750 x 350 graphics. 25-3012 149.95
6" Shielded Monitor Extension Cable. DB9 connector for EGA/CGA and Monochrome Monitors. 26-257 14.95
- Video Adapters—see chart to determine if an adapter is required to add a monitor to your system.**
- 8-bit VGA Adapter.** 25-4043 399.95
NEW! Paradise VGA Plus 16. Delivers full 16-bit data access speed. 900-2024 499.00
EGA/CGA Adapter. Supports EGA, CGA, MDA, Plantronics and Hercules. 25-3048 249.95
NEW! Monochrome Graphics Adapter. Supports both 80 x 25 text and high-resolution 720 x 350 Hercules graphics. Includes parallel port. 25-3049 119.95

Monitor/Adapter Combinations

Monitor	Computer			
	1000 1000 SX 1000 TX	1000 SL 1000 TL 1000 TL/2	3000-series 4000 4000 LX	4000 SX 4020 LX 4025 LX 5000 MC
CGA: CM-11 CM-5	No adapter required	No adapter required	Requires EGA/CGA Adapter 25-3048	N/A
Mono-chrome: VM-5	Requires Mono-chrome Graphics Adapter 25-3049	No adapter required	Requires Mono-chrome Graphics Adapter 25-3049	N/A
VGA: VGM 300 VGM 200 VGM 100	Requires VGA Adapter 25-4043	Requires VGA Adapter 25-4043	Requires either 25-4043 or 900-2024	No adapter required

Input Options Add Convenience and Flexibility to Your Computer System

Mouse Cursor Controllers



- (1) **Tandy Serial Mouse.** Microsoft compatible. Two buttons. DB9 female connector. 25-1040 49.95
NEW! Serial Port Adapter. DB9 male to DB25 female. 26-287 7.95
Logitech Serial Mouse. Three buttons for specialized applications. With DB9 female connector. 26-1199 99.95
With DB25 male connector. 26-1200 99.95
Microsoft Serial Mouse. Two buttons. PS/2 compatible. 900-2116 150.00
Microsoft Bus Mouse. Two buttons. 900-2117 150.00
Deluxe Color Mouse. Two buttons. Plugs into Tandy 1000 joystick port. 6-pin DIN connector. 26-3125 49.95
- (2) **Mouse Pad.** Provides excellent contact and helps keep mouse's roller mechanism clean. 9³/₁₆ x 7⁷/₁₆". 26-237 6.95
- (3) **NEW! Mouse Hanger.** Protects your mouse when not in use by hanging it on the side of your monitor, CPU or desk. 26-275 2.49

Joysticks Add Excitement

NEW FOR '90

2995



- NEW! Pistol-Grip Joystick.** Self-centering, with buttons on joystick and base. For all Tandy 1000-series and Color Computers. 26-3123 29.95
- New Low Price! Deluxe Joystick.** Self-centering or free floating, with fire buttons on base. For all Tandy 1000-series and Color Computers. Was \$29.95 in 1989 catalog. 26-3012 22.95
- Budget Joysticks.** Single button. 26-3008 19.95/Pair

Light Pens

- Warp Speed Light Pen.** With free driver software for Tandy DeskMate, Microsoft Windows and a File Controller.
- For Tandy 1000 Computers.** Not for 1000 EX/HX. 5¹/₄". 905-2069 199.99
- For Other IBM® PC Compatibles.** 5¹/₄". 905-2074 199.99
- Lite Pen Company Lite Pens.** With software for draw/paint, world/national maps and tutorials.
- For Tandy 1000 Computers.** Not for 1000 EX/HX. 5¹/₄". 905-2085 179.95
- For Other IBM® PC Compatibles.** 5¹/₄". 905-2086 179.95



Keyboards

- NEW! 101-Key Enhanced Keyboard.** Requires adapter (25-1030) for attachment to Tandy 1000s. 25-4032 119.95
- Keyboard Cover.** For 101-key enhanced keyboards. 17⁵/₁₆ x 6¹/₄". 26-1336 7.95
- NEW! Extension Cable for 101-Key Enhanced Keyboards.** 26-256 14.95
- Extension Cable for 90-Key Keyboards.** 26-1389 14.95
- Universal Keyboard Adapter.** Connect an enhanced 101-key keyboard to a Tandy 1000 or 1000 SX, TX. 25-1030 99.95
- Genest Technologies Command Patch System.** Speeds, simplifies supported programs.
- For Tandy 1000s.** 5¹/₄". 905-2152 159.95
- For Tandy 3000s/4000s.** 5¹/₄". 905-2153, 159.95

Drawing Tablets

- Kurta IS/ONE Tablets.** With 4-Button Cursor.
- 12 x 12". 900-2195 645.00
- 12 x 17". 900-2196 995.00
- Replacement 4-Button Cursor.** 900-2197 100.00

HIGH-CAPACITY STORAGE OPTIONS

Hard Drives and Controllers

New Low Price! 20MB Hard Card. Was \$599.00 in RSC-20. 25-1032 499.95

New Low Price! 40MB Hard Card. Was \$799.00 in RSC-20. 25-4059 699.95

New Low Price! 40MB 3 1/2" 19ms SCSI Hard Drive. Was \$999.00 in RSC-20. 25-4159 799.00

New Low Price! 80MB 3 1/2" 19ms SCSI Hard Drive. Was \$1499.00 in RSC-20. 25-4160 1299.00

New Low Price! 170MB Half-Height 19ms SCSI Hard Drive. Was \$2499.00 in RSC-20. 25-4162 1999.00

NEW! 344MB 19ms 5 1/4" Full-Height SCSI Hard Drive. 25-4163 2999.00

SCSI Host Adapter. 25-4161 349.95

SCSI Host Adapter. For the 5000 MC. 25-6060 ... 499.95

150MB 18ms 5 1/4" Half-Height ESDI Hard Drive. 25-4151 1999.00

NEW! Western Digital ESDI Controller. 900-2450, 429.95

NEW! SmartDrive IDE 3 1/2" Hard Drives

XT-Style 20MB 70ms. 25-1045 399.95

XT-Style 40MB 40ms. 25-1046 599.95

AT-Style 40MB 19ms. 25-4119 649.00

AT-Style 80MB 19ms. 25-4120 899.00

SmartDrive Interface Adapter. 25-4121 49.95

Hard Drive/Adapter Combinations

Hard Drive	Computer				
	1000 1000 SX, TX 1000 SL, TL	1000 TL/2	3000-series 4000 4000 LX	4000 SX 4020 LX 4025 LX	5000 MC
Hard Cards: 20MB, 25-1032 40MB, 25-4059	No adapter required	No adapter required	No adapter required	No adapter required	N/A
SmartDrive IDE XT® Hard Drives: 20MB, 70ms. 25-1045 40MB, 40ms. 25-1046	N/A	No adapter required	N/A	N/A	N/A
SmartDrive IDE AT® Hard Drives: 40MB, 19ms. 25-1045 80MB, 19ms. 25-1046	N/A	N/A	Requires SmartDrive Interface 25-4121	No adapter required	N/A
SCSI Hard Drives: 40MB, 19ms. 25-4159 80MB, 19ms. 25-4160 170MB, 19ms. 25-4162 344MB, 19ms. 25-4163	N/A	N/A	Requires SCSI Host Adapter 25-4161	Requires SCSI Host Adapter 25-4161	Requires SCSI Host Adapter 25-6060
ESDI 5 1/4" Hard Drive: 150MB, 18ms. 25-4151	N/A	N/A	N/A	N/A	Requires ESDI Controller 900-2450

Protect Your Data With Disk Cartridge and Tape Backup Storage Systems

20MB Disk Cartridge

New Low Price! Internal Disk Cartridge System. Was \$1299.00 in 1989 catalog. 25-4064, 799.00

Secondary "Slave" DCS. 25-4065 999.00

20MB Cartridge. 26-221, 99.95

Videotape Backup

240MB Videotrax Backup. Use with any VCR. 900-2112, 400.00

Alpha Micro VCR. Use with 900-2112 for high-speed directory search or restore. 900-2118, 800.00



60MB Tape Cartridge System

499⁹⁵

Uses removable tape cartridges

NEW! 5 1/4" 60MB Internal Tape Cartridge System. 60MB of data storage capacity, or 120MB in compressed mode. 25-4079 499.95

1/4" 60MB Tape Cartridge. For above. 26-246 37.95

Archive Tape Backup Systems

NEW! Archive 60MB Internal 5 1/4" Tape Cartridge System. User-friendly menu-driven utility for simple definition of backup criteria. 900-2060 1050.00

60MB External Version. 900-2059 1050.00

NEW! Extra Controller for 900-2059. 900-2061 ... 255.00

1/4" Data Tape Cartridge. For above drives. 26-204 44.95

150MB Tape Backup

Internal 150MB SCSI 5 1/4" Tape Cartridge System. Lightning-fast 0.8MB-per-second data transfer rate. Requires 25-4161 Host Adapter (sold separately). 25-4169 1299.00

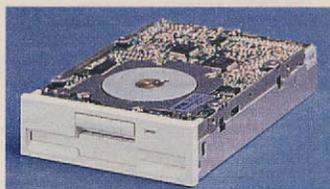
NEW! Cipher External 150MB SCSI Tape Cartridge System. Requires 25-4161 Host Adapter (sold separately). 900-2466 1299.00

1/4" Data Tape Cartridge. For above drives. 26-204 44.95

Floppy Disk Drive Selection Chart

Drive Format	Computer			
	1000 EX 1000 HX	1000 1000 SX, TX 1000 SL, TL 1000 TL/2	3000 3000 HL 4000 4000 LX	3000 NL 4000 SX 4020 LX 4025 LX 5000 MC
5 1/4" 360K	External 25-1060	Internal 25-1063	Internal 25-4051	Internal 25-4051
5 1/4" 1.2MB	N/A	N/A	Internal 25-4050	Internal 25-4050
3 1/2" 720K	Internal (HX only) 25-1065	Internal 25-1075 (Adapter 25-1076 required for all except TL and TL/2)	Internal 25-1075 (Requires 25-1076 Adapter)	Internal 25-1075
	External 900-1061	External 900-2134	External 900-2134	External 900-2134
3 1/2" 1.44MB	N/A	N/A	Internal 25-4052	Internal 25-4053

3 1/2" and 5 1/4" Floppy Disk Drives



See chart at left to determine which floppy drives can be connected to your system.

3 1/2" 720K Internal Disk Drive. Pictured. 25-1075 169.95

3 1/2" to 5 1/4" Adapter Bracket. For use with 25-1075 only. 25-1076 34.95

3 1/2" 720K Internal Disk Drive. 25-1065 169.95

3 1/2" 720K External Floppy Disk Drive. 25-1061 279.95

Manzana 3 1/2" 720K External Floppy Disk Drive. 900-2134 389.95

3 1/2" 1.44MB Internal Floppy Disk Drive. 25-4052 299.95

3 1/2" 1.44MB Internal Floppy Disk Drive. 25-4053 279.95

5 1/4" 360K External Floppy Disk Drive. 25-1060 249.95

5 1/4" 360K Internal Floppy Disk Drive. 25-1063 169.95

5 1/4" 360K Internal Floppy Disk Drive. 25-4051 199.95

5 1/4" 1.2MB Internal Floppy Disk Drive. 25-4050 279.95

N/A—Not Applicable. Installation of some expansion items recommended (not included).

PROTECT YOUR INVESTMENT—TANDY SERVICE PLANS ARE AVAILABLE FOR MANY PRODUCTS. ASK FOR DETAILS.

UPGRADE AND EXPANSION ADAPTERS

Serial and Parallel Adapters for Tandy Personal Computers

PLUS RS-232 Serial Interface. Connects serial devices like a mouse or modem. DB25F Connector. 25-1031 59.95

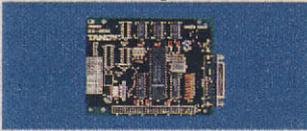
Serial Parallel Adapter. For the Tandy 1000, 3000 and 4000 computer. User installable. 25-4034 149.95

NEW! Neotech Serial/Parallel Adapter. For Tandy 5000 MC. 900-2454 169.95

Dual-Port Serial Adapter. For 1000/3000/4000. 25-4039 99.95

NEW! STB Dual-Port Serial Adapter. For Tandy 5000 MC. 900-2455 225.00

Serial-to-Parallel Converter. 26-2829 99.95



Specialty Expansion

PLUS Upgrade Adapter Board. Allows you to use PLUS Upgrade Boards in a standard PC card slot. 25-1016 14.95

SmartWatch. A perpetual clock/calendar with battery backup in a chip. User installable. 25-1033 39.95

X-10 POWERHOUSE Computer Interface. Transmits up to 128 timer events to X-10 or Radio Shack Plug 'n Power modules. 5 1/4", 905-2087 49.95

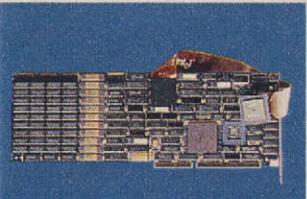


Metrabyte DAS-16 Data Acquisition System. High-speed analog and digital interface board for Tandy 3000 and PC compatibles. 5 1/4", 905-2157 955.00

Metrabyte PIO-12 Parallel Digital I/O Interface. For Tandy 1000/3000. Provides 24 TTL/DTL compatible I/O lines, interrupt input enable lines and external connections. 900-2158 115.00

Metrabyte Screw Termination Accessory Board and Cable for Use with DAS-16 and PIO-12. 900-2159 140.00

New Low Price! Intel Inboard 386/AT with OK. Intel 80386-based enhancement board for Tandy 3000, IBM AT and compatibles. Expandable to 1MB with 256K-bit chips. Was \$1395.00 in RSC-20. 900-2127 1295.00

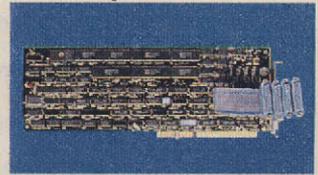


Intel Inboard 386/AT Cable Kit for the Tandy 3000 and AT-Compatibles. 900-2128 200.00

New Low Price! Intel Inboard 386/AT Piggyback Memory with 1MB. Memory expansion option for the Inboard 386/AT. Expandable to 2MB with 256K RAM chips. Was \$795.00 in RSC-20. 900-2130 695.00

Multiuser Expansion Adapters

4-User Serial Adapter. Allows Tandy 3000/4000 computers to support up to four serial devices. Features an on-board processor for added performance. For use with the XENIX operating system. Simple, user installable. 25-4031 349.00



Smartport Board. Arnet Smartport boards provide 4 or 8 serial ports with a communications coprocessor chip to off-load most of the overhead from the host PC. This speeds operations dramatically by allowing faster transfer between the PC and terminals, printers, modems and peripherals.

Arnet Smartport-4 Serial Adapter. 900-2185 995.00

Arnet Smartport-8 Serial Adapter. 900-2186 1295.00

NEW! Arnet Multiport Board/2-8. Provides 2 or 8 serial ports which allow terminals, printers, modems and other peripherals to be connected to a Tandy 5000 MC. Use with SCO XENIX 386. Has 8 DB-25 RS-232 ports. 900-2456 995.00

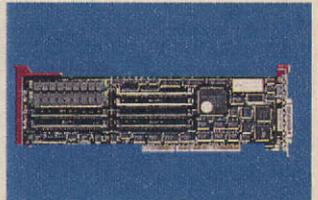
Arnet Smartport/2-8. An intelligent 8-port serial I/O board designed for IBM PS/2 Micro Channel bus computers. Using an on-board processor driving 8 serial ports, Smartport/2 offloads the I/O overhead from the host computer, allowing faster transfer between the host and terminals. 900-2457 1595.00

Multifunction Adapters

NEW! Monochrome/Parallel Adapter. Supports monochrome graphics and parallel printer. 25-3049 119.95

STB Rio Plus II. A versatile multifunction adapter that combines popular input/output capabilities with conventional expansion memory for the IBM PC, XT and compatibles. Delivers the most frequently needed enhancements for increasing the productivity of your IBM PC, XT or PC-compatible system. STB Rio Plus II offers the I/O capabilities you need for adding the full complement of PC peripheral devices to your system. 900-2072 450.00

NEW! AboveBoard PLUS with I/O. Provides 512K of extended or LIM expanded memory support, plus one parallel and one serial port. Memory can be added to support an additional 2 megabytes of storage power. 900-2402 745.00



NEW! Orchid RamQuest Extra 16/32. Uniquely supports 16-bit bus in 16-bit machines and 32-bit bus in 32-bit machines. Provides up to 8MB memory. Features true zero wait-state operation. RamQuest supports OS/2 and LIM EMS 4.0. Automatic memory configuration through software with four-keystroke installation. 900-2460 1899.00

MEMORY EXPANSION/COPROCESSORS

Extended/Expanded Memory

While no limitation exists to accessing high speed extended memory under SCO XENIX or MS OS/2, MS-DOS is limited to 640K. To overcome this limitation, many MS-DOS applications are specially written to use what is known as expanded memory (also referred to as "LIM" memory) addressing. Expanded memory adapters install in standard 16-bit expansion slots.

Tandy 3000/AT Compatible Extended Memory Adapter

2MB Memory Adapter. Fits standard 16-bit bus slot. Comes with 1MB memory expandable to 2MB with four 256K Memory Kits (25-1079). 25-4030 699.00

Memory Expansion Adapters

Computer-specific extended memory adapters contain no memory—add memory kits (sold separately) to support the capacity required. Adapters are available for:

Tandy 3000 NL. 25-4027 99.95
Tandy 4000 SX. 25-4930 99.95
Tandy 4000/4000 LX. 25-5029 ... 179.95
Tandy 5000 MC/4020 LX/4025 LX. 25-6030 99.95

Memory Kits

128K Memory Kit. 25-4082 79.95
256K Memory Kit. 25-1079 149.95
512K Memory Kit. Contains two 150 nano-second 256K SIMMS. 25-4028 ... 299.95
1MB Memory Kit. Contains four 100 nano-second 256K SIMMS. 25-5031 ... 599.95
2MB Memory Kit. Contains two 100 nano-second 1MB SIMMS. 25-5033 ... 1299.00
2MB Memory Kit. Contains eight 80 nano-second 256K SIMMS. 25-5131 ... 1499.00
4MB Memory Kit. Contains four 80 nano-second 1MB SIMMS. 25-5132 ... 2999.00

Intel Math Coprocessors

8087-8 8 MHz for 1000 SL/SX.
 900-2121 220.00
80287-8 8 MHz for Tandy 3000, 3000 HL, 1000 TX, 1000 TL. 900-2191 353.00
80287-10 10 MHz for 3000 NL.
 900-2192 410.00
80387-16 16 MHz for 4000.
 900-2131 645.00
NEW! 80387SX 16 MHz for 4000 SX.
 900-2321 580.00
80387-20 20 MHz for Tandy 4000 LX, 4020, 5000 MC. 900-2193 730.00
NEW! 80387-25 25 MHz for Tandy 4025 LX.
 900-2322 920.00
Trionix 8087 Adapter. Allows use of 5 MHz coprocessor with Tandy 1000, 1000A, 1000 HD.
 900-2070 240.00
8087-5 5 MHz. 900-2120 155.00

Tandy 1000 Memory

Memory PLUS Expansion Adapter. Expands your Tandy 1000 EX/HX to 384K and adds DMA. Allows expansion up to 640K.
 25-1062 149.95

256K Memory Kit. Adds 256K to Memory PLUS Expansion Adapter (above) or expands Tandy 1000 SX from 384K to 640K. Contains eight 256K x1 DRAMs.
 25-1079 149.95

128K Memory Kit. Upgrades Tandy 1000 TX/TL from 640K to 768K and Tandy 1000 SL from 384K to 640K (requires two kits).
 25-1078 69.95

Micro-Mainframe EMS-5150T Expanded Memory for Tandy 1000. Provides up to 2MB of expanded memory by using 256K memory kits. 5 1/4", 905-2161 199.99

Expanded Memory Adapters

Intel AboveBoard PLUS. 512K expandable to 2MB using 25-1079s. For 4000/3000 NL/PC compatibles. 900-2401 695.00

Intel AboveBoard PLUS with I/O. Same as above with parallel and serial ports.
 900-2402 745.00

Orchid RamQuest Extra 16/32. 2 MB expandable to 8MB. For Tandy 5000 MC.
 900-2460 1899.00

Tandy 3000 NL

	Expand from 512K to:					
	640K	1MB	2MB	4MB	5MB	8MB
Main Logic Board	25-4082	N/A	N/A	N/A	N/A	N/A
Memory Adapter	N/A	25-4027 +	25-4027 +	25-4027 +	25-4027 + 25-4028 +	25-4027 +
Add to Adapter	N/A	25-4028	3 x 25-4028	2 x 25-5033	3 x 25-5033	4 x 25-5033

The 3000 NL can be expanded beyond 8MB in 2MB increments on the 16-bit expansion slots by populating the 25-4030 Memory Expansion Adapter with 4 x 25-1079 per card. The 3000 NL supports a maximum of 16MB.

Tandy 4000 SX

	Expand from 1MB to:				
	2MB	5MB	8MB	12MB	16MB
System Memory with # Memory Kits	add 1 x 25-5031	add 2 x 25-5033	replace 4 x 25-5033	replace 4 x 25-5033	replace 4 x 25-5033
Add Mem. Exp. Brd. with # Memory Kits	N/A	N/A	N/A	add 25-4930 2 x 25-5033	add 25-4930 4 x 25-5033

Tandy 4000

	Expand from 1MB to:				
	2MB	4MB	8MB	10MB	16MB
Main Logic Board	25-5031	25-5031 +	4 x 25-5033	1 x 25-5031	4 x 25-5033
Memory Adapter	N/A	25-5029 +	N/A	25-5029 +	25-5029 +
Add to Adapter	N/A	2 x 25-5031	N/A	4 x 25-5033	4 x 25-5033

Tandy 4000 LX

	Expand from 2MB to:			
	4MB	8MB	10MB	16MB
Main Logic Board	N/A	2 x 25-5132	N/A	2 x 25-5132
Memory Adapter	25-5029 +	N/A	25-5029 +	25-5029 +
Add to Adapter	25-5131	N/A	2 x 25-5132	2 x 25-5132

Tandy 4020 LX

	Expand from 1MB to:				
	2MB	4MB	8MB	10MB	16MB
Replace Memory in Unit	25-5031	25-5031 +	4 x 25-5033	add 1 x 25-5031	4 x 25-5033
Memory Adapter	N/A	25-6030	N/A	25-6030	25-6030
Add to Adapter	N/A	2 x 25-5031	N/A	4 x 25-5033	4 x 25-5033

Tandy 4025 LX

	Expand from 2MB to:			
	4MB	8MB	10MB	16MB
Replace Memory in Unit	N/A	4 x 25-5033	add 1 x 25-5031	4 x 25-5033
2nd Memory Adapter	25-6030 +	N/A	25-6030	25-6030 +
Add to Second Memory Adapter	2 x 25-5031	N/A	4 x 25-5033	4 x 25-5033

Tandy 5000 MC

	Expand from 2MB to:		
	4MB	8MB	16MB
Replace Memory in Unit	N/A	4 x 25-5033	4 x 25-5033
2nd Memory Adapter	25-6030 +	N/A	25-6030 +
Add to Second Memory Adapter	2 x 25-5031	N/A	4 x 25-5033

MODEMS AND COMMUNICATIONS

1200-bps Modems

1200-bps Half Card Modem

(Pictured). For the Tandy 1000/3000/4000 and other PC-compatibles with an 8-bit slot. Full Hayes® command set, auto-dial/answer, switchable 1200/300-bps. Bell 212A/103. 25-1013 99.95

1200-bps PLUS Card Modem. For Tandy 1000 EX/HX. 25-1018 . . . 99.95

DCM-212 Intelligent Modem

Auto-dial/answer modem is switch-selectable between Hayes and Tandy command sets for XENIX. Bell 212A compatible. FCC registered. UL listed AC. 26-1385 129.95

GCH Systems EasyData 1200-bps External Modem

Bell 212A and Hayes compatibility in a compact package. Features auto-dial/answer, call progress monitoring and adaptive dialing. Includes communications software. 900-2166 129.00

2400-bps Modems

Tandy 2400-bps Half Card

High-speed modem saves connect time. Full Hayes command set, auto-dial/answer. CCITT V.22 bis. 25-1037 179.00

NEW! Best Data Products SMART ONE 2400-bps External

(Pictured). 2400/1200/300 bps. Bell 103/212A and Hayes-compatible. Auto-dial/answer. 900-2212 189.00

New Low Price! SMART ONE 2400-bps Modem Half Card. Was \$199.00 in RSC-20. 900-2180 179.00

ZOOM TELEPHONICS MX2400 External Modem

A high-performance modem in a compact package. CCITT V.22 bis. Hayes compatible. 900-2214 179.00

GCH Systems EasyData 2400-bps External Modem. (Not shown). Auto-dial/answer, call progress monitoring and adaptive dialing. Includes communications software. 900-2175 199.00

2400-bps Error-Corrected Modems

NEW! Tandy Hayes V-Series Compatible

With Lap-B and V.42 (Lap M or MNP Level 4) error correction, adaptive data compression and synchronous capability. 25-1034 399.95

NEW! Digitan Systems DS24M. (Not shown). Half card with software emulation of MNP levels 2-5. Asynchronous or synchronous. 900-2295 139.95

Datatrek 2424AMH External

Service level 4 MNP error correction protocol compatible. Dynamic adaptive equalization provides better overall bit error rate performance. V.22 bis. Bell 212A/103 compatible. 900-2178, 345.00

Datatrek 24M 10" Card. (Not shown). With MNP level 4. 900-2177 . . . 345.00

Microcom AX/2400c External Modem

A high-performance modem from the originators of MICROCOM Networking Protocol (MNP™). Effective throughput up to 4800 bps with data compression at MNP level 5. 900-2146 599.00

High-Performance Modems

NEW! Telebit T1000 External Modem

9600-bps uncompressed throughput or fallback capability to 2400/1200/300 bps. Error-free, with PEP and MNP 4 error correction. Internal support for UNIX UUCP, Kermit, Xmodem and Ymodem protocols. 900-2283 795.00

Telebit TrailBlazer Plus

Error-free data link at speeds of up to 19,200 bps with PEP 2 data compression. Ideal for use with XENIX and 3Com's 3+ network-to-network communications software.

900-2172 1345.00

Microcom AX/9624c High-Performance Modem

New Low Price! MNP levels 5 and 6 compression and error correction provide up to 19,200 bps, ideal for 3Com applications. Support for V.29 FT, V.22 bis, V.22, Bell 212A and 103. Not recommended for XENIX applications. Was \$1299.00 in RSC-20. 900-2183, 999.00

NEW! AT&T Paradyne DL424 External Modem

Full V.32 compatibility with Microcom Networking Protocol (MNP) level 5 error correction up to 19,200 bps. PSTN or 2-wire/4-wire leased lines. Automatic leased-to-dial line restoration.

900-2318 1795.00

2400-bps Micro Channel Bus Modem

Ven-Tel 24/2 Internal Modem. 2400/1200/300 bps asynchronous. CCITT V.22 bis. Bell 103/113/212A compatible. IBM® Micro Channel™ bus interface. For Tandy 5000 MC. 900-2198 449.00

TELECOMMUNICATIONS OPTIONS

Portable Computer Modems

Internal 2400-bps Modem for Tandy 1400 Laptop Computers. Supports CCITT V.22 bis for 2400 bps and Bell 212A/CCITT V.22 for 1200 bps. Hayes AT command set compatible. 25-3524 . . . 199.95



Touchbase WorldPort 1200

Battery-powered 300/1200-bps modem for laptop users. Only 4 x 2 1/2 x 1". Bell 212A/103, CCITT V.22 and Hayes compatible. 900-704 199.00

WorldPort 2400. (Not shown). V.22 bis for 2400 bps. 900-2207 299.00

Special-Feature Modems



DCM-6 Direct-Connect Modem

Our lowest-priced modem! 300-bps, manual dial/answer. Uses standard DB25 serial connector, plus 8-pin DIN for use with 26-3818 acoustic cups. FCC registered. UL listed AC. 26-1393, 59.95



2-Line Modemfone™ 300

Two-line telephone with 300-bps manual modem. Switchable touch-tone/pulse dialing. Full-duplex, originate/answer, 300 bps. FCC registered. UL listed AC. 26-1375 99.95

Modem Adapters and Acoustic Couplers



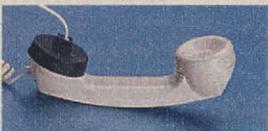
Acoustic Coupler 2

Ideal for use when direct connection is not possible. For portable computers or the DCM-6. 300 bps. FCC registered. UL listed AC. 26-3818 59.95



MA-100 Modem Adapter

From Information Machines Corp. Folds to pocket-size. 300 bps under normal conditions, 1200 bps under some conditions. 900-710 129.00



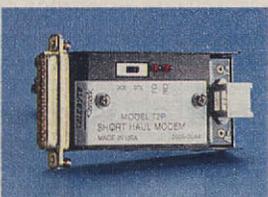
The Black Jack

From Microperipheral Corp. Modular attachment improves line sensitivity. 900-706 49.95

PLUS RS-232 Adapter. (Not shown). For Tandy 1000 EX/HX. 25-1031, 59.95

Handsets shown not included.

Shorthaul Modems and Devices



Telebyte Shorthaul Modem. Modem/line driver links RS-232-based devices. Full duplex, 19,200 bps. 900-2004 106.00

Telebyte RS-232 to Phone Plug Converter: Host. 900-2005 29.95

Telebyte RS-232 to Phone Plug Converter: Terminal. 900-2006 . . . 29.95

Online Information Services



PC-Link® Online Information Service. Enter the exciting world of PC-Link! PC-Link's familiar, menu-driven DeskMate

Interface makes it a snap to learn and easy to use. Get unlimited access to a wide range of services including news, airline reservations, stock quotes, support from Tandy computer and DeskMate software experts and much more for only \$9.95 per month—and your first month is free! For a low hourly rate, you can download software, chat with other members and send electronic mail. No surcharges for 1200 or 2400-bps modem access, either. And there's no obligation—you may cancel at any time. Includes software and one free month of service. 25-1255 29.95

CompuServe Information Service. Access CompuServe through a local phone call in most major U.S. metropolitan areas. Some of the extraordinary features of CompuServe include: Communications and Bulletin Boards, Money Matters and Markets, Financial Transaction Services, Electronic Shopping, News, Weather and Sports, Travel Information, Entertainment and Games, Education and Reference and many others. Complete kit includes ID number and password, \$25.00 user credit, complete User Guide, configuration diagram, reference cards, complete directory of local telephone access numbers and Information Service rates, subscription to CompuServe's monthly Online Today magazine once you've subscribed, and more. 25-1257 29.95

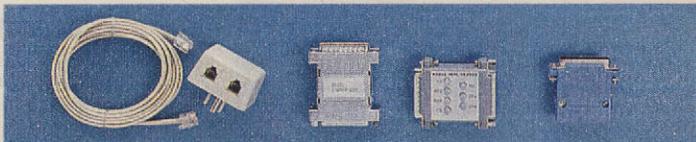
The Complete PC FAX Machine

An add-in card with software that lets your PC communicate with any Group III fax machine anywhere in the world. Send documents instantly at a fraction of the cost of overnight mail or courier services. Has the features of high-end dedicated fax machines like scheduled transmission, broadcast to multiple recipients and polling. For Tandy and other PC compatibles. 5 1/4", 905-2109 399.00

The Complete PC Answering Machine

A personal voice mail system for Tandy 1000/3000/4000/PC compatibles that records phone messages right on your hard disk. The Complete PC Answering Machine has sophisticated built-in voice prompts to guide your callers through the options they have in leaving messages. Plus, it works 100% in the background, so you can use your computer for word processing, spreadsheets, graphics—whatever—while it's answering your calls. 5 1/4", 905-2137 349.00

Line Protectors and Testers



Telephone Line Spike Protector. 43-102 12.95
NEW! Programmable Serial Jumper. 276-1403 9.95
RS-232 Minitester. 276-1401 14.95
Modular to RS-232 Adapter. 276-1405 2.99
NEW! 8-Con Modular to DB25 Adapter. 276-1406 4.49

TANDY WORKGROUP SOLUTIONSSM



People and PCs Working TogetherSM: The Tandy Workgroup Solution—How It Can Work For You.

Now you can use your PC to share information with colleagues, update files in a common database and route communications electronically. That's because Radio Shack can provide the right workgroup solution to meet your computing and communications needs. We deliver high-speed performance, IBM[®] compatibility, remote connectivity and enhanced functionality using industry standards. Radio Shack handles installation, training, total support and service. The reputation and support of Radio Shack is unsurpassed. We provide the performance, standards and expandability that assure your initial investment will be maintained now and as your workgroup grows. Find out how your business can benefit from a Radio Shack workgroup today.

3Com TokenLink Workstations

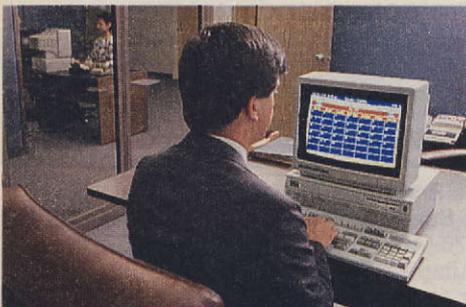
TokenLink is an IBM Token Ring and IEEE 802.5/802.2-compatible adapter for use in a single expansion slot of a Tandy 4000, 3000 and IBM compatibles.

- TokenLink. 900-1620 595.00
- TokenLink Plus. 900-1614 945.00
- TYPE 3 Modular Access Unit. 900-1640 425.00
- MAU Power Supply. 900-1641 95.00
- TYPE 3 Media Filter. 900-1642 75.00

EtherNet Workstations

Tandy EtherNet Adapter. A high-performance EtherNet LAN adapter. For all EtherNet applications. Easy installation—no jumpers to set. 26-5505 349.95

- 3Com EtherLink II. 26-5501 445.00
- 3Com EtherStart PROM II. 900-1619 49.00
- 3Com EtherLink/MC. 900-1670 595.00
- 3Com EtherStart/MC PROM. 900-1671 49.00
- 3Com EtherLink Adapter. 26-5435 495.00
- 3Com EtherStart PROM. 900-1605, 49.00



- 3Com EtherLink Plus. With LinkPlus optimizer. 26-5502 895.00
- Cabletron MR9000C Multiport Repeater. Has 8 thin and 1 DIX port. 900-1650 2795.00
- 3Com MultiConnect Repeater. 900-1651 1295.00
- 3Com Thin Ethernet Module. 900-1652 295.00
- 3Com Transceiver Module. 900-1653 250.00
- 3Com PairTamer Set. 900-1655 395.00
- 3Com LanScanner. 900-1656 1495.00
- 3Com BNC Transceiver. 900-1617, 295.00
- 3Com Transceiver Cable, 32-Ft. 900-1618 110.00
- 6-Ft. EtherNet Cable. 26-5529 10.95
- 20-ft. 26-5530 15.95
- 50-ft. 26-5531 24.95
- 100-ft. 26-5532 39.95
- Bulk. 26-5533 22¢/Ft.
- BNC Crimp-On Connector. For PVC or 26-5533. 26-5528 5.95
- Bulk Plenum EtherNet Cable. 26-5535 99¢/Ft.
- BNC Crimp-On Connector. For Plenum or 26-5535. 26-5538 5.95
- Terminator Kit. 26-5534 29.95

3Com 3+Open

3+Open LAN Manager is based on the Microsoft OS/2 LAN Manager software platform and was developed jointly by 3Com and Microsoft Corporation. As the foundation for the 3+Open product line, 3+Open LAN Manager extends the OS/2 operating system into a feature-rich, productive environment for multivendor PC networks. It lets network users take advantage of the many benefits of OS/2 and the MS OS/2 LAN Manager.

NEW! 3+Open LAN Manager Entry System. A cost-effective network operating system supporting up to five netstations. 26-5520 995.00

NEW! 3+Open LAN Manager Advanced System. For six or more DOS and OS/2 workstations. 26-5521 3495.00

3+Open for 3S/402. A complete software operating system preconfigured for the 3S/400. Includes 3+Open LAN Manager Advanced System, 3+Open Start, 3+Open Backup and 3+NetDOS. 900-1720, 3495.00

3+Open Mail. Provides full-featured electronic mail and name service. 900-1730 1190.00

3+Open Start. Provides diskless booting of workstations using a DOS operating system. 900-1732 295.00

3+Open Internet. Uses modems and phone lines to provide remote internetworking and remote PC access. 900-1731 1500.00

3Com Servers/Netstations

3S/402 386 Server. A high-performance dedicated network server designed to work with 3+ and 3+Open. 320MB hard drive. 150MB tape backup. 2MB memory. 26-5555 14,995.00

150MB Disk Expansion. 900-1626 4995.00

150MB Disk. 900-1627 3495.00

2MB Memory Expansion. For 3S/40x. 900-1628 1995.00

3S/202 Server. Gives your network file, print and communication services at a moderate price. 900-1662 10,495.00

Port Expansion Board. For 3S/200 and 3Server3. 900-1615 525.00

3Station/2E. VGA, 10MHz 286. Without keyboard. 900-1659 2095.00

TANDY WORKGROUP SOLUTIONSSM



**3Com
3+Software**

3Com's 3+ networking software products, designed to integrate (not merely "bolt on") to other networking products, provide high performance and many features giving you a reliable network operating system for all of your business data and communications needs.

3+Share 1.2.1. A complete network operating system for up to 5 users.

26-5510 595.00

3+Share 1.5. 900-1616 2995.00

3+Share for 3S/402. 900-1679 .. 2995.00

3+Share User Guide. 26-5512 35.00

3+Share Administrator's Guide.
900-1607 150.00

3+Menus How To Guide.
26-5514 10.00

3+Mail. For 5 users. Two copies for more than 5 users. 26-5515 595.00

3+Mail User Guide. 26-5513 25.00

3+Theory of Operations.
900-1609 30.00

3+Route. Allows remote access and inter-connection of remote networks.
900-1600 1500.00

3+Remote Server. For remote access only.
900-1601 750.00

3+Remote PC. Allows remote PC to access network. 900-1602 295.00

3+Start. Allows diskless booting.
900-1604 295.00

3+NetConnect. 900-1610 1500.00

3+Macintosh®. 900-1680 495.00

3+TurboShare. For 26-5510. Requires EMS memory. 900-1603 295.00

IRMA 2. Local 3270 emulation in a full-length adapter. 26-5700 1195.00

NEW! IRMALAN SDLC Gateway 2 Kit. Contains support for 5 workstations. 64 sessions. The IRMALAN family of products from DCA brings IRMA functionality to PCs on 3Com. The IRMALAN family gives PCs on the LAN 3270 terminal and printer emulation and file transfer capabilities. 26-5710 1495.00

IRMALAN DFT Gateway 2 Kit. Supports 5 DFT sessions. Up to four cards can be installed for a total of 20 sessions.
26-5711 1995.00

IRMALAN Convenience Kit. Adds access for five additional users to 26-5710/5711.
900-2300 1395.00

High-Speed NetWare from NOVELL



- Large Installed User Base
- Proven Performance
- Entry Level, Advanced and Fault Tolerant Versions

The latest in the popular NetWare family of products! This powerful local area network has one of the largest installed base of users in the country. Now in its seventh generation, NetWare lets you configure a workgroup with the security and network administration features you need.

ELS NetWare Level I. Excellent entry level system for up to four users. Uses ARCNET or EtherNet adapters. 901-1754 .. 695.00

ELS NetWare Level II. Provides many of the features of Advanced NetWare, in a system designed for up to 8 users.
3 1/2", 26-5563. 5 1/4", 901-1756 ... 1495.00

Advanced NetWare 2.15. For installations with up to 100 users. Provides system security, network administration, resource accounting. File server can also be used as a workstation. Media errors can be detected and corrected during operation. Offers widest possible choice of network adapters.
3 1/2", 901-1757. 5 1/4", 901-1758 .. 2995.00

SFT NetWare 2.15. Includes all of the features of Advanced NetWare, plus a data protection scheme that can be implemented at all levels. Disk drives, disks, controllers and cabling are duplexed in order to provide complete fault tolerance. Transaction Tracking System protects the system from workstation or file-server failure. Provides major security options for corporate, government and educational institutions.
3 1/2", 901-1761. 5 1/4", 901-1762 ... 4695.00

TandyLink Workstations

TandyLink PC. 26-5601 119.95

TandyLink Plus. 26-5602 119.95

6-foot Cable. 26-5610 9.95

20-foot Cable. 26-5612 16.95

50-foot Cable. 26-5611 24.95

Cable Extender. 26-5615 7.95

Corvus PC-NOS 2.0. Distributed architecture allows users to make full use of all networking resources. Files, directories, hard drives, printers, and other peripherals can all be shared. Built-in asynchronous communications, Virtual Console, EMS support, messaging and multi-threaded file access. Does not require dedicated file server.
900-1687 695.00

Workstation Enhancements

ITI LinkUp 3270 Remote Workstation. Emulates REMOTE IBM® 327X display station using either SNA/SDLC or BSC protocol. Includes hardware adapter, software, keyboard template, diagnostic disk and manuals. 900-1695 995.00

ITI LinkUp 3270 COAX Workstation. Emulates LOCAL IBM 327X. Coax to host communications controller. Includes hardware adapter, software, keyboard template, diagnostic disk and manuals. 900-2020, 650.00

NEW! SCO-uniPATH SNA-3270. 3270 emulation with XENIX. Five sessions with full 3287 and 3289 printer emulation.
3 1/2", 903-1592 695.00

NEW! SCO-uniPATH SNA-3270 Board. Required for 903-1592. 900-1593 395.00

ARCNET Workstations

Tandy ARCNET Adapter. An SMC-compatible ARCNET board. 26-6505 .. 249.95

3+Share ARCNET Driver. Allows ARCNET to be used with 3+ networks.
70-3044 299.95

SMC PS-110. IBM® Micro Channel™ ARCNET adapter. 900-1676 695.00

ARCNET Active Hub. Connect 8 computers up to 2000 feet apart. 26-6508 695.00

ARCNET Passive Hub. 26-6504 ... 69.95

ARCNET Cable. 20-ft. 26-6510 18.95

50-ft. 26-6511 25.95

100-ft. 26-6512 39.95

Bulk. 26-6513 22¢/Ft.

NEW! BlueLynx/COAXSYS. 3278/79 terminal in a half card. 900-2089 895.00

NEW! BlueLynx/3270 Remote.
900-2088 895.00

System 3X

NEW! BlueLynx/5251-11. 5250 local emulation in a half card. 900-2168 895.00

NEW! BlueLynx/5250-12. 5250 remote support in a half card. 900-2169 795.00

System 3780

ITI LinkUp 3780 RJE Workstation. Emulates REMOTE IBM 2780 RJE or 3780 RJE display stations. Uses RS-232C modem interface for up to 19.2 bps. 900-1696 995.00

OPERATING SYSTEMS

High-Performance Operating Systems and Operating Environments

MS-DOS® and Windows

MS-DOS 3.3 and GW-BASIC. Supports multiple DOS disk partitions to access disk drive capacity above 32 megabytes.

25-4109 119.95

MS-DOS 3.2 Upgrade. Upgrade DOS 2.11 in EX/HX to DOS 3.2 with EGA support, drive optimization. Floppy system only.

25-1170 29.95

Microsoft Windows 286. Work with DOS and Windows applications simultaneously and transfer data between them. Graphical user interface, with a handy set of desktop applications including a word processor, communications, printer spooler, calculator and more. It allows the user to have applications in multiple "windows".

For the 3000/3000 HL/3000 NL. 25-4111 99.00

Microsoft Windows 386. Includes everything in the 286 version plus the ability to actually run more than one application at a time. Graphical user interface. Handy set of desktop applications.

For the 4000/4000 SX/4020 LX/4025 LX/5000 MC.
25-5111 195.00

High-Resolution Data Display Terminal



**NEW
FOR '90**

59900

Low As \$30
Per Month*

- XENIX Compatible
- 14" High-Resolution Screen

NEW! DT-110. The Tandy DT-110 Data Terminal is the ideal workstation for multiuser systems built around XENIX-based microcomputers or for many general-purpose terminal applications. Features a large 14" easy-to-read screen. Displays 80 or 132 columns by 26 lines. For the Tandy 3000/4000/5000/6000. Supports normal, underline, reverse and half-intensity video display.

25-5050 599.00

4-Port Serial Adapter. Allows Tandy 3000/4000 to support up to four serial devices. Has on-board processor for added performance. For use with the XENIX operating system. User installable.

25-4031 349.95

Arnet Smartport-4. Provides 4 serial ports with a communications coprocessor chip. Use with SCO XENIX.

900-2185 995.00

Arnet Smartport-8. Provides 8 serial ports with a communications coprocessor chip. Use with SCO XENIX.

900-2186 1295.00

NEW! Arnet Smartport/2-8. 900-2457 1595.00

Arnet Multiport/2-8. 900-2456 995.00

Serial-to-Parallel Converter. For adding a printer to a DT-100.
26-1198 99.95

MS OS/2® Operating System

MS OS/2. Breaks the 640K DOS memory barrier. This powerful multitasking operating system permits simultaneous execution of multiple OS/2 applications. Requires minimum of 2MB RAM. For Tandy 3000/4000-series/5000. 25-4100 325.00

Inside OS/2. Explains and describes the major elements of this operating system. Inside OS/2 might well become required reading for professional programmers because it is, at heart, a programmer-to-programmer letter from the creator of OS/2. You'll wonder how you ever got along without it.

900-1382 19.95

SCO XENIX Multiuser Operating Systems

SCO XENIX is a powerful multiuser, multitasking operating system that allows up to 32 users to access common programs and files. By having all of your software on one computer, you can greatly improve office productivity. For example, your payroll clerk could process time cards at one terminal, while the front office takes orders on another terminal, while your secretary is typing a memo using a word processing program at his or her terminal. The sophisticated security and password options allow you to decide who has access to data.

SCO XENIX 386 for Tandy 4000/4000 LX/4020/4025. Supports virtual memory, demand paging. Binary compatibility to all XENIX applications. Requires 2MB RAM and a hard disk drive.

3 1/2". 25-5200 795.00

SCO XENIX 386 for Tandy 5000 MC. Same features as 25-5200 above. 3 1/2". 903-1570 795.00

SCO XENIX 286 for Tandy 3000/3000 HD/AT-compatibles. Requires 1MB of RAM and a hard disk drive.

5 1/4". 905-1501 595.00

SCO XENIX Development System. Write "C" and assembly-language programs. 386 "C" compilers support 32-bit code. Powerful DOS cross-development environment programs for DOS and XENIX. 25-5201 795.00

SCO XENIX 386 Text Processing System. Contains tools for the preparation of presentation-quality documents. 25-5202 .. 195.00

SCO VP/ix. Lets you run XENIX and MS-DOS applications simultaneously and transparently on the same machine. SCO XENIX running SCO VP/ix creates a virtual "PC AT" environment to run MS-DOS applications in. Allows you to run MS-DOS applications without having to give up your multiuser XENIX applications. Comes with MS-DOS 3.2 and runs on the Tandy 4000/4000 LX/4020 LX/4025 LX. Requires a minimum of 2 megabytes of RAM, with one additional megabyte for each additional VP/ix user.

3 1/2". 903-1745 495.00

SCO MultiView 386. User-friendly interface for character-based terminals and consoles. It consists of a series of pull-down, on-screen menus that contain built-in functions and applications such as a pop-up phone directory, card file and a XENIX manager. SCO MultiView's windowing facility can display—on your console or each remote terminal screen—multiple concurrent windows, each running a separate task or application simultaneously. Data from each window can be cut and pasted to another application running in any other window or sent directly to their printer. Pull-down menus can be pre-set for each individual user.

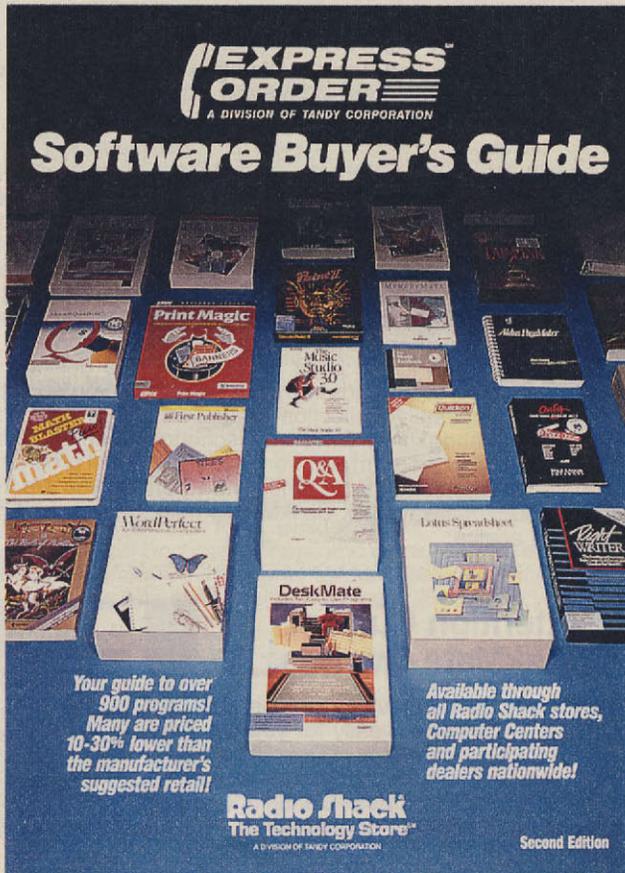
3 1/2". 903-1582 495.00

DISCOVER A WORLD OF SOFTWARE!

Get Hold of the New, Second Edition
Express Order Software Buyer's Guide
For Hundreds of Popular Titles!

- Ask for RSC-21S
- 88 Pages with Over 900 Programs Listed
- Available at Any Radio Shack Location

EXPRESS ORDER
A DIVISION OF TANDY CORPORATION



Because the needs of computer users are so diverse, we've instituted a service that lets you choose from the broad range of software programs now available. Radio Shack now offers Express Order, designed to quickly satisfy the needs of business, data processing departments, students, home users—any PC owner!

Extensive Selection

Express Order offers more than 900 programs in our RSC-21S catalog. The programs support the industry-standard operating environments: MS-DOS, XENIX and MS OS/2. In addition, many titles are available to support the operating environments for the Color Computer and the TRS-DOS family of computers.

Price Advantage

Compare the prices, and you'll notice that many of the products in the Express Order Software Buyer's Guide are priced 10, 20, 30% or more below the manufacturer's suggested retail price.

Easy to Order

Once you have made your selections, you'll find that purchasing your software is very convenient. If you need assistance in making your software selection, you can place your order at your local Radio Shack. Or you can dial our toll-free number, 1-800-321-3133, and charge your software purchase to a major credit card. Express Order honors American Express, Optima, Carte Blanche, Diner's Club, Discover, MasterCard, Visa, and Radio Shack ValuePlus (RSVP).

Get More Information

Don't hesitate—find out about the software available to you through Express Order for your operating environment. Tandy Product Profiles provide detailed information about all of the software products available through the Express Order program. An in-depth discussion of the features of each software package is included as well as comparison charts of the selected software packages. Ask your Radio Shack representative to review the various software specifications with you. Choose the software packages that meet your application requirements. Then discover how easy it is to order your choices. Call 1-800-321-3133 or come into your nearest Radio Shack Computer Center or participating Radio Shack store or dealer today for a free copy of the Express Order Software Buyer's Guide.

Stop by Any Radio Shack Computer Center or
Call 1-800-321-3133 For Your Free Copy!

We're Your Best Source for Specialized Software

We Have Experts Available for Industry-Specific Applications

With over 900 available programs, most businesses and individuals can obtain just the software they need through their nearby Radio Shack or Radio Shack Computer Center. If the software included in this catalog or in the Express Order Software Buyer's Guide does not completely fit your needs, ask your Radio Shack Computer Center representative about the Consultant Liaison Program (CLP). Members of the Consultant Liaison Program are specialists in your region who have formed a liaison with Radio Shack to develop special applications software to meet any particular needs that our computer customers encounter.

Become a Consultant Liaison

Recognizing the need for specific "industry expertise" or for more "customized" systems, Radio Shack continues to develop relationships with the consulting and software development communities. Through the Consultant Liaison Program (CLP), your clients have a source for quality PCs at thousands of locations nationwide. CLPs have access to both technical and marketing support. And because we support the computer hardware, you have the freedom to concentrate on what you do best—provide your services and specific solutions. For more information on becoming a member of the CLP, contact any Radio Shack Computer Center, or write to CLP, Dept. RSC-21, 1400 One Tandy Center, Fort Worth, Texas, 76102.

DISCOVER THE DESKMATE® DIFFERENCE

Built-In Tutorial Program Lets You Get Right to Work—Fast!



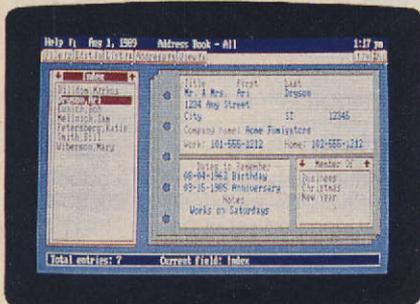
Write Letters and Reports, Then Let DeskMate Check Your Spelling

NEW FOR '90

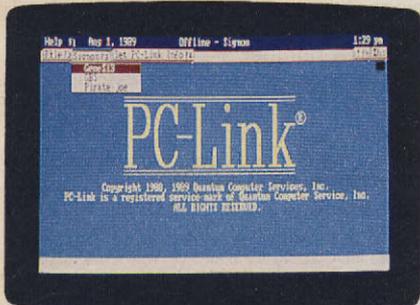
99⁹⁵



- Includes Everything You Need to Use Your Computer More Productively Right From the Start
- Pull-Down Menus and Pop-Up Dialogue Boxes Guide You Through Each Application With Ease
- For Tandy and Other PC Compatible Computers



Creating a Mailing List is as Easy as Filling in "Pages" of an Address Book



Access a World of Information Using the PC-Link Online Service

DeskMate 3. With so much to offer, DeskMate will quickly become an integral part of your system. It's incredibly easy to use, because it's designed around the DeskMate Graphical User Interface. With its pull-down menus and pop-up dialogue boxes, DeskMate will guide you through tasks quickly and simply—use a mouse and enjoy "point-and-click" convenience. Each day, DeskMate will greet you with the Desktop. This neat, organized display lists DeskMate applications as well as other programs you may own—and you can access them all with just a point and a click! The desktop also translates MS-DOS commands into plain English, so you won't have to learn cryptic codes. A collection of applications is included for writing letters, budgeting, filling and scheduling appointments. There's even a draw program and word game. A tutorial program will get you "up and running" in no time. And wherever you are in the program, you can always ask DeskMate's help function for timely, on-the-spot advice.

25-1350..... 99.95

Attention Current DeskMate Owners

If you already own a previous version of DeskMate, we'll make it easy for you to upgrade to the new features of DeskMate 3. Visit any Radio Shack Store or participating Radio Shack Computer Center and ask about our DeskMate upgrade offer.



Check Out These DeskMate Options

Get More Out of DeskMate With These Great Tutorials

Using DeskMate 3. This video shows how to use DeskMate's most popular applications. VHS format. 25-1253 .. 14.95

"Getting the Most Out of DeskMate 3." A valuable reference book containing hints and tips for use with DeskMate. 25-1254 ... 21.95



DeskMate Thesaurus Companion

Integrates with DeskMate Text adding 200,000 synonyms. 25-1252 29.95



Keyboard Template

NEW FOR '90

Fits Tandy and IBM 101-key keyboards. 26-1337 4.95



DeskMate Workgroup Companion

NEW FOR '90 **149⁹⁵**

Put Your PCs On Speaking Terms



A simple, affordable approach to PC workgroups. DeskMate Workgroup Companion enhances DeskMate 3 with shared versions of the Calendar, Address Book and Phone List. There is also a complete telephone messaging system with electronic "while you were out" messages and an in/out board and more! Includes state-of-the-art graphical interface for simplified learning, dialogue boxes and pull-down menus for streamlined operation. And DeskMate Workgroup Companion has been licensed for two users—that means two people can share one copy of the program. 25-1251 149.95

PERSONAL/BUSINESS MANAGEMENT

Good news! These seven programs are but a few that feature the DeskMate Graphical User Interface. Each program has the same, friendly look and feel of popular DeskMate productivity software (see page 24). Learn to use one program with the DeskMate Interface and you're well on your way to knowing how to use an entire library of software. Look for programs with the DeskMate logo!

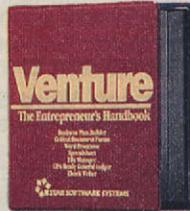


DacEasy Accounting

Award-winning accounting program designed for growing businesses. DacEasy contains seven integrated modules: General Ledger, Accounts Payable, Accounts Receivable, Purchase Orders, Inventory, Billing and Forecasting. Includes multiple company capability, departmentalization, easy-to-use pull-down menus, context-sensitive help, automatic chart of accounts setup, overview of accounting principles and much more. 25-1314 99.95

Venture

The first comprehensive software system developed for the growing business. Venture asks all the questions you need and walks you through all the details of funding, organization, competition and scheduling. It generates feasibility, business, marketing, financial and contingency plans. Includes General Ledger, Spreadsheet, Business Plan Builder, Word Processor, Critical Document Forms and more. Venture is more than a software program. It's a blueprint for success from some of America's leading experts in emerging business. 25-1249 349.00



PaintShow Plus

A complete paint program with built-in scanner support and CGA, TGA, EGA and VGA modes. Besides creating and editing standard graphics files, you can scan drawings and photos and enhance them with all the PaintShow Plus tools. With PaintShow Plus, you can also enhance graphs and charts from programs like Lotus 1-2-3 and Microsoft Chart. It provides file format conversion utilities to convert TIFF, PCX and MAC files, for file compatibility with various desktop publishing applications. Create slide shows and other professional-quality presentations for business or school projects. 25-1316 49.95

4-in-1 Basic Accounting

A computerized accounting system that will help you achieve financial success! 4-in-1 Basic Accounting can help you free up time from repetitive accounting tasks so you can concentrate on running your business more efficiently and making profits. Features include General Ledger, Accounts Payable, Check Reconciliation, Custom-designed Financial Statements, Password Protection, Cash or Accrual Method of Accounting, Accounts Receivable, Payroll and more. Handles processing of regular and recurring sales, CR/DR memos, finance charges and cash receipts transactions. Offers on-line help, automatic installation and reports print to the screen. Handles three checking accounts and has simple backup procedures. 25-1287 249.95



Quicken

An easy-to-use program used by business people, accountants, doctors, consultants, managers and others that automate routine household or small business financial tasks. Features check writing, tax recordkeeping, financial reporting, budgeting and cash management. Quicken works just like the paper checkbook you use now. There's no accounting jargon to learn, no "debits" or "credits." With Quicken, you'll forget your financial hassles. Supports multiple accounts, transactions per account limited only by disk space. Includes order form and samples of computer checks which are approved for all financial institutions. 25-1246 49.95



MemoryMate

Imagine dumping all your notes and scraps of paper into a huge desk drawer. . . and then discovering that, magically, every time you want something it's right on top! That's what it feels like to work with MemoryMate. It turns your hodgepodge of addresses, phone numbers and assorted "notes" into an electronic file with every word indexed and cross-indexed. MemoryMate helps you remember appointments, due dates and deadlines, and recalls facts, figures, phone numbers and addresses. It's the handiest program you'll ever own! 25-1247 69.95



Backup Pro

Secure all your important information quickly and easily! Back up 10 megabytes in as little as 4 minutes! Backup Pro's all-new proprietary disk access algorithm beats DOS—and the competition—hands down. Includes 4 full levels of data security. It's fast, easy and safe. 25-1315 69.95

Utilities!

A special tool to make life a little easier. Utilities! contains programs designed to prevent and recover from computer pitfalls. You'll recover lost files, test diskettes for bad sectors, find text in groups of files, reorganize file sectors and more. Great for beginners and experienced users alike! 25-1288 49.95

CheckFree

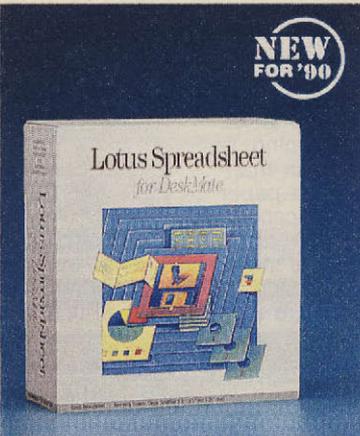
Just imagine: It's the end of the month and your bills are stacked up because you haven't had time to pay them. You can't mail them in without being late and paying extra interest and late charges. What do you do? Simple! You pay them off then and there with CheckFree, the nationwide personal electronic banking service. Instead of writing checks, signing them, buying stamps and mailing them, you can use CheckFree, along with your PC and modem, to handle all your routine financial tasks in just a few easy steps no matter where you bank. Just enter the required payment information into your PC with CheckFree's menu-driven software. Make automatic payments on monthly statements and reduce risk of late payments. Don't you think the way you bank is long overdue for CheckFree? 25-1285 39.95



MS-DOS PRODUCTIVITY PACKAGES

Spreadsheets

Lotus Spreadsheet For DeskMate



- 1-2-3® Power Made Easy With the DeskMate Graphical User Interface
- Integrated Spreadsheet, Graphics and Database
- Reads and Writes 1-2-3 Release 2 Files

Announcing a spreadsheet with the power of 1-2-3 and the ease of use of the DeskMate User Interface! The new Lotus Spreadsheet for DeskMate from Lotus Development Corporation is perfect for small business and home-office use. An invaluable tool for business planning, financial analysis and decision making, the Lotus DeskMate Spreadsheet utilizes the DeskMate Graphical User Interface's proven format of pull-down menus and pop-up dialog boxes to guide you through operations. Combines spreadsheet, graphics and database—all in one package. Supports all 1-2-3 cell formats, graphs and formulas. Requires 512K RAM (640K recommended) and two 5 1/4" floppy drives or one 3 1/2" floppy drive.

25-1283 219.95

Microsoft Excel. Spreadsheet integrated with flexible business graphics for today's fast new computers. "Smart" recalc only calculates cells that will change. Make your work look its best with color, multiple typestyles, borders, shading and sideways printing. Minimum requirements: 80286/80386 microprocessor, 640K RAM, hard disk drive and CGA or EGA monitor. 25-1185 429.00

Databases

Paradox 3.0. Now with presentation graphics, cross tabulation, screen color customizing and ability to copy individual forms and reports between tables. Immediate database power for beginning and advanced users. Requires 640K RAM and a hard disk. 25-1296 725.00

Paradox 2.0. A relational database system that allows novices to select, combine, analyze, summarize and report on data—with no programming. Provides a Lotus-like menu for easy access to powerful features. Requires 640K RAM, 2 floppy drives. 25-1187 495.00

Q & A 3.0. Intelligent database understands your own words. Type in an English question. Q & A automatically finds and displays the answer, then displays a report if you wish. Integrated with a lightning-fast word processor. Tight integration with Lotus 1-2-3—insert Lotus graphs and spreadsheets into documents with a simple command. Requires 512K and two disk drives. 25-1225 .. 269.00

Professional File. A complete file management and reporting program designed to quickly organize, update, retrieve, analyze and report information with professional results. Because Professional File takes advantage of all your computer's memory, data retrieval is very fast. Requires 512K RAM and a hard disk drive or two high-capacity floppy drives. 25-1260 249.00

Word Processing

NEW! DeskMate Q & A Write. A lightning-fast, feature-rich word processor that lets you format and print reports and correspondence with incredible results. With column and row math functions, multi-column printing, line and box drawing and a spelling checker. Requires 640K, two floppy drives.



25-1299 149.95

HomeWord II. Features "what-you-see-is-what-you-get" text screens, pull-down menus and dialogue boxes for menu selections and command input. Also includes integrated graphics editing package for inclusion of graphics in documents, an outline processor, a thesaurus and spelling checker. Requires 512K RAM or Tandy 1000 SL. 25-1266 69.95



WordPerfect 5.0. More than 30 new features, including integrated text and graphics, styles, intelligent printing and extensive character support. Also features full merge capabilities, a phonic spelling checker with a 120,000-word dictionary, redline and strike-out printing, table of contents/index generation, and more.

3 1/2", 25-1268. 5 1/4", 905-3325 449.00

Microsoft Word 5.0. The fastest route to great-looking output. Streamlined interface and interactive tutorial speed learning. Seek help on any feature without leaving your document. With spell-check, thesaurus, spreadsheet-link, forms support, style-by-example. Requires 512K and two floppy drives or one floppy and a hard disk. 3 1/2", 25-1282. 5 1/4", 905-1475 379.00

Professional Write 2.0. A timesaving word processor for busy managers that delivers professional results without wasting time. Laser printer fonts support is pre-set for fast startup. Connections to other leading software packages are built-in. Use table editing to move, erase, copy, shift or enhance any column. Integrated spelling checker, thesaurus and built-in calculator. Requires 512K and two floppy drives. 25-1261 199.00

Varsity SCRIPSIT. Suitable for almost any task from a simple book report to a complex business proposal. Includes split-screen, footnoting, macros, ability to create a table of contents and a spelling system based on The American Heritage Dictionary published by Houghton-Mifflin Company. Requires 384K RAM, 256K RAM for Tandy 1000 HX. 25-1174 89.95

NEW! DeskMate Form Finisher. Answers one of the biggest needs in business today by letting you fill in preprinted forms quickly and easily using any dot matrix printer. Use it for invoices, shipping forms, legal forms and more. Requires 384K and two disk drives. 25-1295 39.95



Integrated Software

Microsoft Works. An easy-to-learn, all-in-one program which combines word-processing, spreadsheet, database and communications software. MS Works has macros, a spelling checker, graphics and reporting capabilities. Requires 384K and two disk drives. CGA, EGA or VGA monitor for charging. 3 1/2", 25-1184. 5 1/4", 905-1474 139.00

PFS:First Choice. Designed for people who want to take advantage of the power of a computer without becoming a computer expert. You get the six applications used most often by people in business—all in one integrated program. Built-in connections to the Professional Series, First Publisher and Harvard Graphics. Requires 512K and two disk drives. 25-1280 139.00

DESKTOP PUBLISHING



Pagemaker 3.0

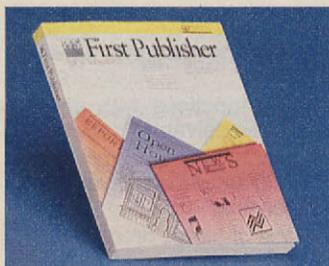
Helps eliminate the costly and time-consuming tasks of graphic design by including everything you need to design, layout and produce your own publications. Now with three popular Bitstream fonts which can be sized from 4 to 128 points and include math symbols,

international characters, and special characters such as trademark and copyright symbols. Pagemaker's soft-font installer makes it easy to download other types of soft fonts to an HP LaserJet or other PCL printer. Requires 640K hard disk, EGA or Hercules-compatible graphics adapter and Window-compatible mouse. When you see the results, you'll agree that Pagemaker produces finished work that is much easier than it looks.

25-4112 835.00

NEW! Instant Pagemaker. Using predesigned, on-disk templates, you'll be creating stylish documents within moments of booting up PageMaker. You can immediately create brochures, balance sheets, resumes, catalogs, directories, three and two-column newsletters and more!

5 1/4", 905-1395 39.95



PFS:First Publisher



A unique and affordable page layout program that lets you produce attention-getting documents quickly and easily. Specially designed so you get fast results with no surprises. You see your font selections, columns and art on the

screen as you work and before you print. Expandable to include an extensive library of special-purpose fonts and clip art (see list below). Requires 640K RAM, two floppy disk drives or one floppy drive and one hard drive. 25-1279 129.00

PFS: First Publisher Art Gallery. Includes over 1500 professionally-drawn images: Borders, maps, seasonal artwork, signs, banners, pointers, arrows, cartoons, animals and much more are included. From the humorous to the serious, from the sentimental to the practical. 900-3193 129.00

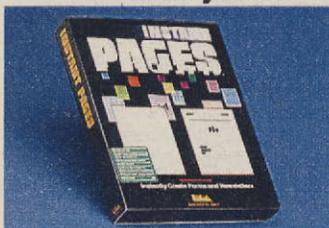
First Publisher Executive Fonts. 900-3330 39.00

First Publisher Decorative Fonts. 900-3331 39.00

First Publisher Just For Grins. 900-3332 39.00

First Publisher Christian Symbols. 900-3333 39.00

Ready-to-Use "Instant Pages"



Includes over 100 ready-to-use forms and newsletters to allow you to quickly design and print professional-quality forms. Requires 512K RAM or Tandy 1000 SL. 25-1262 44.95

Print Magic



As versatile as your imagination, and just as easy to use! Requires no special skills, yet lets you combine text and graphics in virtually any combination you like. Allows you to invert or flip graphics and even resize the images to fit the spread. You can use the highly-detailed images included or import graphics from other software packages. Requires 640K. 25-1265 54.95



NEW! The New Print Shop. The best just got better! Now you can place multiple graphics and typefaces anywhere on the page. Treat text like art: shrink, resize or center your message. The "what-you-see-is-what-you-get" preview feature lets your imagination run wild as you design. Use the art libraries below for additional graphics. A name file lets you send the same card to as many friends as you want—with their own names merged in.



25-1298 54.95

Print Shop Sampler. 3 1/2", 903-1471. 5 1/4", 905-1471 34.95

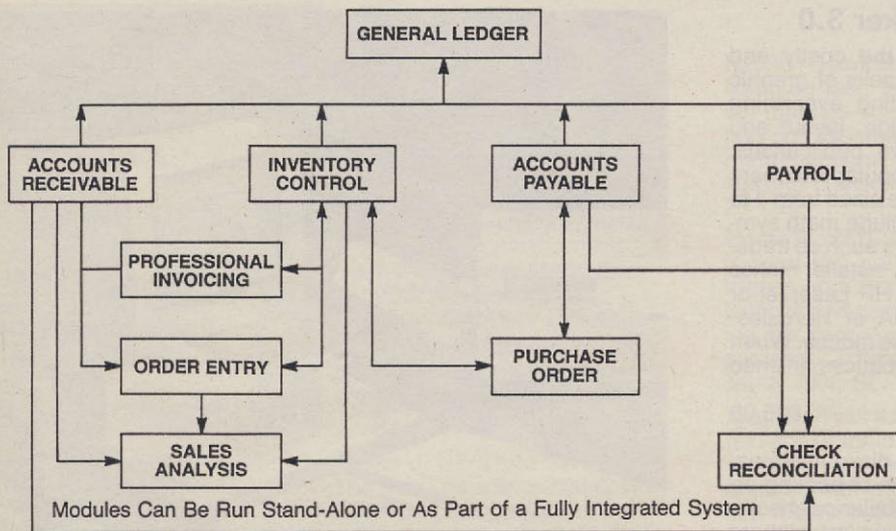
Print Shop Party Edition. 3 1/2", 903-1472. 5 1/4", 905-1472 34.95

Print Shop School and Business Edition. 3 1/2", 903-1473.

5 1/4", 905-1473 34.95

PrintPower. A powerful and flexible print program for home, office and school. Use for flyers, letterheads, notepaper, greeting cards, posters and multi-line banners. Includes six type faces with seven variations each, plus large sizing for posters and extra small for stationery. Features border designs, high-resolution graphics, and an on-screen template to help you visualize your work as you create. 25-1226 19.95

INTEGRATED ACCOUNTING SOFTWARE



Cut Costs By Automating Your Accounting Functions

- Improve Efficiency
- Increase Profits
- Gain Financial Control

A computerized accounting system can help collect money owed to you, keep track of discounts for payments, reconcile bank accounts, pay employees, track income sources and costs, generate reports to help you manage your business and provide fast access to vital financial information. Since 1974, Real World Accounting Software has been installed in over 200,000 small and medium-sized businesses. Start your business with one package such as Accounts Receivable or General Ledger. Then, as your company grows, integrate additional modules or upgrade to a multiuser system.

RealWorld Accounting Software

RealWorld Accounting Software has a lot to offer:

- Multiple Operating System Support Under MS-DOS, 3COM and SCO XENIX
- Written in RM COBOL-85 for Increased Speed And Enhanced Multiuser Capabilities
- Expanded Online Context Sensitive Help
- Pre-Defined Data for Five Types of Companies Assists in Fast Startup and Implementation
- Option of Two Styles of Menus—Traditional Multi-Level and New "Pull Down" Menu Systems
- Add On Modules for Support of Retailing, Distributing and Manufacturing (see the Express Order Software Reference Guide RSC-21S for additional information)

System Kit: Includes automatic installation procedure, run-time, password program and glossary. Required.

Order Entry—Billing: Provides invoicing functions with optional interface to Inventory. Requires Accounts Receivable.

Professional Invoicing: Provides invoicing functions for professional services. Can be tailored to work with almost any invoice form or blank paper. Requires Accounts Receivable.

Sales Analysis: Designed for the analysis of sales, product usage and customer purchases. Requires Accounts Receivable.

Job Costing: Track jobs, sub-jobs and phases for the management of labor, subcontract costs, profit and up to five user-defined cost types such as equipment costs, overhead, etc. Run stand-alone or integrated with base accounting modules.

Check Reconciliation: Supports Up to Five Accounts.

Payroll: Complete payroll system with Magnetic Media Reporting.

Design an Accounting System Specifically Suited to Your Business

RealWorld Accounting Software by Operating Environment

Minimum System Requirements

DESCRIPTION	MS-DOS			3COM			SCO XENIX	
	3 1/2"	5 1/4"	Price	3 1/2"	5 1/4"	Price	3 1/2"	Price
System Kit	903-1437	905-1437	195.00	903-1722	905-1722	495.00	903-1771	495.00
General Ledger	903-1438	905-1438	695.00	903-1725	905-1725	795.00	903-1782	895.00
Accounts Receivable	903-1439	905-1439	695.00	905-1663	905-1663	795.00	903-1783	895.00
Accounts Payable	903-1444	905-1444	695.00	903-1664	905-1664	795.00	903-1784	895.00
Payroll	903-1443	905-1443	695.00	903-1665	905-1665	795.00	903-1785	895.00
Order Entry-Billing	903-1441	905-1441	695.00	903-1667	905-1667	795.00	903-1786	895.00
Professional Invoicing	903-1440	905-1440	695.00	903-1724	905-1724	795.00	903-1773	895.00
Inventory	903-1442	905-1442	695.00	903-1666	905-1666	795.00	903-1787	895.00
Purchase Order	903-1447	905-1447	695.00	903-1668	905-1668	795.00	903-1788	895.00
Job Costing	903-1448	905-1448	695.00	903-1669	905-1669	795.00	903-1789	895.00
Check Reconciliation	903-1445	905-1445	232.00	903-1723	905-1723	265.00	903-1772	300.00
Sales Analysis	903-1446	905-1446	348.00	903-1726	905-1726	400.00	903-1790	450.00

MS-DOS:

640K RAM, Hard Disk, MS-DOS 3.3 or greater, 903-1437 or 905-1437 System Kit.

SCO XENIX 286:

903-1770 System Kit 286, 40MB Hard Disk, and 2MB RAM.

SCO XENIX 386:

903-1771 System Kit 386, 40MB Hard Disk, and 2MB RAM.

3COM:

640K RAM per node, Hard Disk, MS-DOS 3.3 or greater, and 903-1722 or 905-1722 System Kit.

WORKGROUP PRODUCTIVITY

WordPerfect 5.0 Network. Utilize your local area network (LAN) by sharing the power and flexibility that the stand-alone version of WordPerfect is known for. It is fully compatible with Novell NetWare 4.6, AST-PCnet, 3Com Etherseries and the IBM PC network. An additional workstation package is required for each user. Requires 512K RAM per workstation.

3 1/2": 903-1673 695.00
5 1/4": 905-1673 695.00

WordPerfect Additional Workstations.
900-1674 150.00

Microsoft Excel Node Pack. Required for each additional user on a network. With PC Excel (25-1185) installed on the network server, each user has full functionality. Users can store preferences for printers, screen types and colors, and font sets locally. Contains complete set of documentation. Requires Microsoft Excel, 80286 or 80386 microprocessor and 640K RAM.

900-3296 250.00

Microsoft Excel. See complete description on page 26.

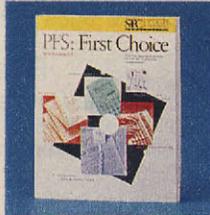
25-1185 429.00

NEW! PFS:First Choice LAN Pack. Allows five additional users to access the powerful features in First Choice 3.0 on a LAN. File locking ensures that only one user can access and update a data file at a time. Requires purchase of PFS:First Choice 3.0.

900-1643 495.00

PFS:First Choice 3.0. See description on page 26.

25-1280 139.00



Professional LAN Pack. Allows five additional users of Professional Write, File or Plan on a network (purchase of File, Write or Plan required). Handles individual configurations, personal dictionaries and other user files to facilitate effective information sharing. Allows one person at a time to update a document, spreadsheet or database file. Supports Novell Advanced NetWare (2.0 and above), 3Com 3Plus and IBM PC LAN systems. Requires 640K RAM. 900-1672 499.00

Professional Write 2.0. See description on page 26.
25-1261 199.00

Professional File 2.0. See description on page 26.
25-1260 249.00

Q & A Network Pack. Allows an additional three users to simultaneously use Q & A Version 3.0 on a LAN. Supports record locking and auto refresh, so that changes made to a database are automatically updated to everyone. Provides four levels of password protection. Requires purchase of Q & A (25-1225), and 640K RAM per workstation. 900-1637 299.00

Q & A 3.0. See description on page 26.
25-1225 269.00

Paradox LAN Pack. Allows the addition of 5 LAN users to any existing version of Paradox. Contains 5 sets of documentation. Requires purchase of Paradox.

25-1297 995.00

Paradox 3.0. See description on page 26.
25-1296 725.00

Paradox 2.0. See description on page 26.
25-1187 495.00



XENIX Multiuser Applications Software

XENIX Productivity

Scriptit 386. A multiuser program allowing several users to cooperate in the preparation of a document. Includes advanced mail merge, macros, font change capability, multi-column text, math operations, laser printer support, plus a flexible spooling system to handle print requests. Allows single-sheet printing or local printing, and comes with the most complete dictionary and thesaurus available.

900-1932 995.00

Scriptit 286.
25-4213 499.00

SCO Professional 386. Designed to be functionally compatible with Lotus® 1-2-3®. If you know Lotus 1-2-3, you will be able to use SCO Professional immediately. Fully file-compatible with both Version 1A and Release 2 of Lotus 1-2-3 without conversion.

3 1/2": 903-1588 895.00

filePro Plus 3.0 XENIX. Helps you turn data into meaningful information quickly and easily. As your business requirements change, filePro Plus easily accommodates the changes with its full-screen editor and built-in maintenance features. Applications and data are portable between XENIX/UNIX, DOS and LANS. filePro Plus comes with a long list of features, including a Custom Menu Generator, Report and Forms Generator, Screen Generator, Screen Creation, NEW Browse/Look-Up Windows and an online tutorial.

3 1/2": 903-1933 1595.00



Multiuser Productivity

WordPerfect 386. All of the features that have made WordPerfect so popular are available for XENIX users. And WordPerfect files are compatible on any machine, so you can use the same document on your micro, mini or mainframe, without a conversion program. A powerful word processor for the most demanding settings.

3 1/2": 903-1579 995.00

Multiplan 286. Designed to simplify "what-if" tasks for XENIX users. Even inexperienced users will quickly get up to speed on Multiplan through its friendly, understandable menus and on-screen help messages. You'll never have to put pencil to paper spreadsheet—or work alone—again.

3 1/2": 903-1528 495.00

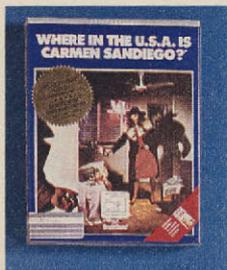
SCO Integra 386. An SQL-based relational database management system providing forms, query and report generators for both novice users and those more accomplished. SCO Integra can be used proficiently by either programmers creating serious applications or office workers wanting an easy-to-use tool for information management and decision support.

3 1/2": 903-1577 1295.00

SCO Image Builder 286. A XENIX graphics package designed with business people in mind. You can quickly create high-quality charts from numerical data or generate specialized custom graphs by modifying any aspect of a graph. Image Builder must be run from the XENIX console.

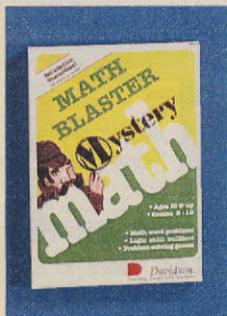
3 1/2": 903-1578 595.00

ENRICH THE LEARNING EXPERIENCE



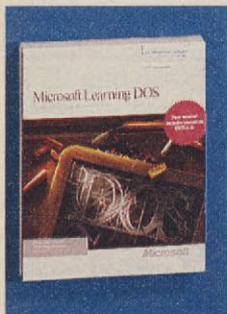
New! Where in the USA is Carmen Sandiego?

Carmen and her gang are back, and you'll soon be off on a wild chase through all 50 states and the District of Columbia with help from the free Fodor's USA Travel Guide. Track the crooks from coast to coast until you capture Carmen herself! An entertaining introduction to United States geography and culture. 25-1318 39.95



New! Math Blaster Mystery

Watch your children track the Equation Detective through a series of Victorian rooms in a variety of problem-solving math mysteries. Activities cover positive and negative numbers, fractions, decimals and percents, interest and principle and pre-algebraic concepts. Other concepts deal with money, time and measurement. It's a terrific way for children to learn basic concepts in mathematics and logic. 25-1319 44.95



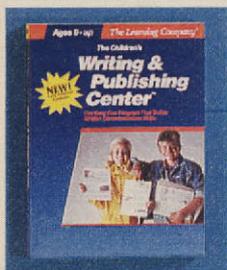
New! Microsoft Learning DOS

Take the uncertainty out of learning and mastering DOS with Microsoft Learning DOS—the most effective way to get up speed on your PC. Easy-to-follow lessons, hands-on practice, and our award-winning training techniques help you tap the real power of DOS. You'll master DOS commands and learn to use your computer more efficiently than ever. 25-1320 44.95



The Music Studio 3.0

Unleash the Mozart inside of you! There has never been a music program like this. Create and play original pieces, or select one of the pre-programmed pieces to listen to at your leisure. Advanced MIDI input/output features make it ideal for beginners as well as professionals. 25-1234 79.95



Children's Writing & Publishing Center

Here's an exciting new way for children to create, design and print illustrated reports, letters, stories, newsletters and more. It provides a dynamic tool that entertains and helps build children's communication skills. 25-1237 54.95



Speller Bee—It Talks!



Children are able to create 32 of their own spelling lists with each list containing 10 words of up to 15 letters in length. Teaches through Bee Games: Scramble, Search and Detective. Ages 5-14. 25-1232 34.95

New! MathTalk—It Talks!



In a highly unique approach, children are able to enter their own math problems in addition, subtraction, multiplication and division and receive individualized graphic and spoken help. Ages 5-13. 25-1272 34.95

Math Blaster

An award-winning program that helps students in grades 1-6 master basic math facts using 600 problems. This easy, fun and effective program includes animation, color and sound in an arcade-style game. For ages 6-11. 25-1200 44.95

Reader Rabbit—It Talks!

Four animated games help develop fundamental reading and spelling skills. Children improve their letter and word recognition, memory skills and vocabulary. Talks on Tandy 1000s. For ages 5-7. 25-1216 44.95

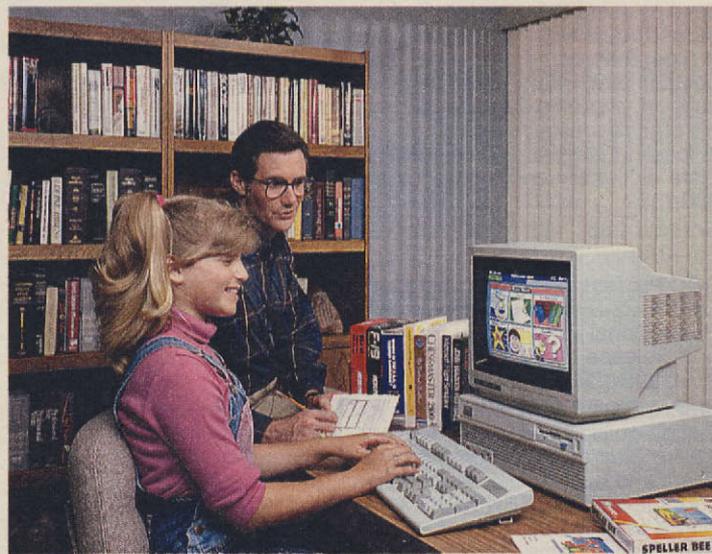
The FUNdamentals

An exciting and simple introduction to computers, computer vocabulary and computer concepts. You'll learn the basics of computer hardware, software, DOS concepts and commands, DeskMate and much more in an interactive game environment designed specifically for the Tandy 1000 series. With sound and graphics. The FUNdamentals HX/TX. 25-1186 24.95



The FUNdamentals TL. 25-1233 . . 19.95

The FUNdamentals SL. 25-1236 . . 19.95



Learn at Home With Your Tandy Computer

TAKE A BREAK AND HAVE SOME FUN!

New! Space Quest III

Get ready for more space hijinks as you follow the latest adventures of Roger Wilco. This time, Roger must rescue the Two Guys from Andromeda who have been captured by the pirates of Pestulon.

25-1292 49.95



New! Chessmaster 2100

The ultimate in computer chess. Plays at beginning, intermediate or championship levels. Features analyses of famous chess matches of the past. 25-1291 44.95

New! Silpheed

Sierra's latest import from Japan! Silpheed features advanced animation, visual effects and a complete soundtrack.

25-1294 34.95

New! Chuck Yeager's Advanced Flight Trainer 2.0

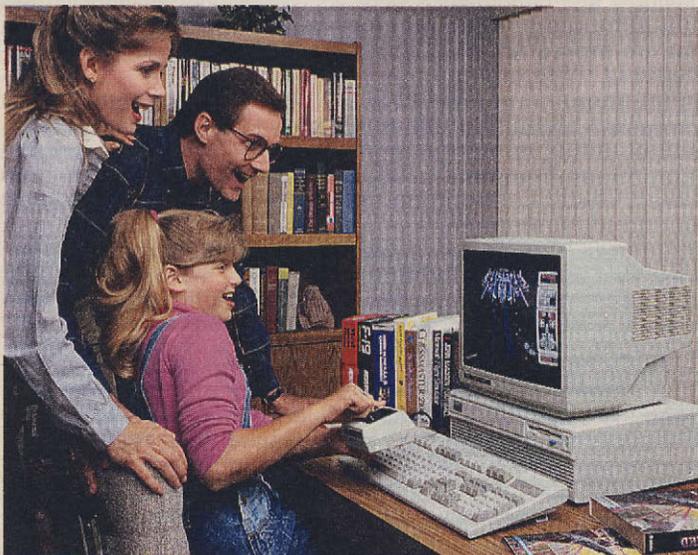
Climb into the cockpit with Chuck Yeager, the greatest test pilot of them all. 25-1309 49.95

Microsoft's Flight Simulator 3.0

Get behind the cockpit of a trainer and learn the basics of flying: takeoff, landing, navigation and more. Terrific graphics put you in the pilot's seat. 25-1215 44.95

Official TV Gameshow

Play two of the most popular TV gameshows in history: Wheel of Fortune Editions 1 and 2 and Jeopardy! You'll enjoy all the fun and challenge of the real thing! 25-1239 29.95



Play Games With the Entire Family!

New! F-19 Stealth Fighter

Pilot America's most sophisticated and sneaky aircraft: the F-19 Stealth Fighter. It's totally invisible to enemy radar, so you can fly in fast and low, destroy strategic enemy targets and bases, and get out before they even know what hit them.

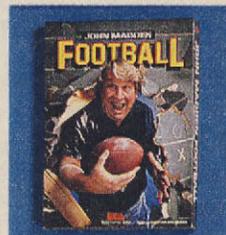
25-1290 54.95



New! John Madden Football

The most sophisticated and realistic football game ever developed. Real players, action, philosophy, plays, coaching decisions, and statistical models make this a "must have" for real football fans. See what made John Madden one of the greatest coaches the game ever produced.

25-1307 49.95



Pete Rose Pennant Fever

NEW! More than just computer baseball. In fact, you may even forget you're playing on a computer. You're not just in the action—you are the action. It's all out, gutsy and aggressive—because Charlie Hustle won't accept anything less. Tremendous graphics make this one of the best computer sports games ever!

25-1308 34.95



New! Out Run

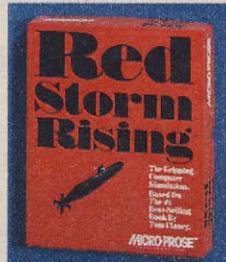
Go for the drive of your life! From the Mediterranean coast to vast desert stretches, you're driving the most beautiful machine on 4 wheels. So kick up the engine revs, downshift gears, hear the tires squeal and grab the pavement—on your computer! Enhanced digitized sounds on the Tandy 1000 SL/TL series will make you wonder, "Is this my computer or is it arcade?"

25-1317 34.95



New! Red Storm Rising

Based on Tom Clancey's best-selling novel. War erupts between NATO and the Warsaw Pact. In the Atlantic, Russian subs and surface ships race to sink America's convoys. You have what it takes to stop them—the awesome power of an American nuclear attack submarine. And the training to make it work. 25-1293 49.95



King's Quest IV

Travel with Rosella in search of a magic fruit that will save her father's life, and meet all kinds of strange folk—some friendly, some not. But all is not as it seems in this far-away land, because a wicked plot has been discovered: an evil sorceress is out to stop Rosella and conquer the land. Great 3-D graphics and a nighttime sequence make this one of the best games you'll ever play! 25-1231 44.95



Radio Shack Understands Educational Needs

Radio Shack is dedicated to education. Since 1979, our Education Division has devoted its full-time effort to supporting Tandy/Radio Shack computers in the classroom. We offer one of the most comprehensive libraries of educational software available. Our professional Education Marketing organization of Education Marketing Managers and Education Specialists are specially trained to meet the instructional and administration objectives of educators. We are committed to helping you use Tandy computers efficiently and effectively.

Education in the 90s: Challenges of The New Information Technologies

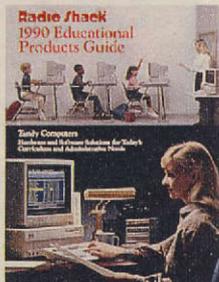


Tandy Corporation's commitment to education is not confined to the United States, but encompasses a "global classroom." Each year, Tandy serves as underwriting sponsor for an International Conference on Technology and Education. Co-sponsored by such noted hosts as the University of Edinburgh, Scotland, the University of Texas at Austin and Microsoft Corporation, the conference is alternately held in Europe or the United States and is attended by delegates from more than 30 nations.

Tandy Educational Grants Program

Since 1982, Tandy Corporation's Radio Shack Education Division has administered the Tandy Educational Grants Program to encourage the successful implementation and application of microcomputer technology in American educational institutions. Over the years, more than 185 individual educators and public and private institutions have received a total of more than \$1.75 million in Tandy computer equipment, software and peripherals through the Grants Program. All grant recommendations are made by a review board made up of distinguished American educators.

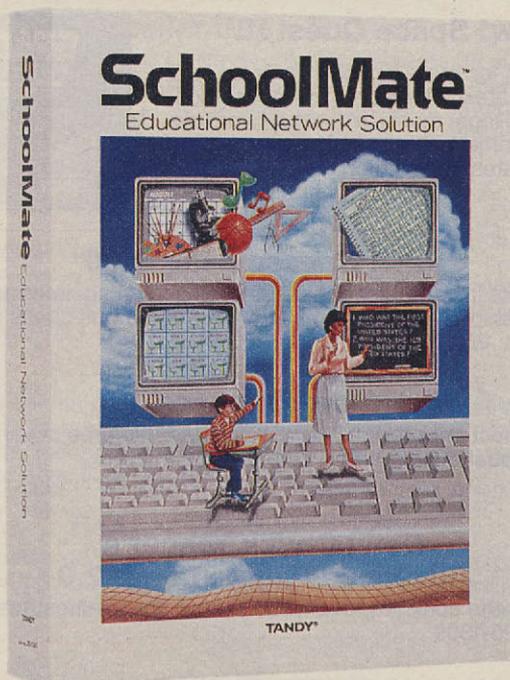
Educational Products Guide



The RSC-21E helps educators select the software and hardware they need to support and enrich their curricula and administrative objectives. More than 400 products from Radio Shack and noted educational publishers are described in this guide, and available by special order. The software descriptions, organized by computer model, include these categories: Business Education, Computer Literacy, Reading/Language Arts, Foreign Language, Logic/Problem

Solving, Mathematics, Science, Social Studies, and Teacher Utilities. Our Education Marketing Managers and Education Specialists will assist you with software product selection, as well as hardware options and complete educational programs.

SCHOOLMATE...



- Multi-Function School Network
- Manage Assignments and Grading
- Share Hardware and Software
- Personalized Student Desktops



Radio Shack introduced the first affordable classroom network in 1979. The TRS-80 Network I reflected a teacher-centered

philosophy with the teacher in control of the computer resources in the classroom. As generations of TRS-80 networks were introduced, features and performance were added—without abandoning this basic philosophy. Today, Radio Shack proudly offers SchoolMate, a feature-packed MS-DOS network based on this same teacher-centered philosophy.

SchoolMate links together Tandy and other PC-compatible personal computers throughout the classroom, department or an entire school. Based on the industry-standard 3Com Network and the easy-to-use DeskMate interface, SchoolMate is a solid, cost-conscious solution for managing the instructional needs of students on microcomputers.

What makes SchoolMate different from other educational networks? First, the DeskMate interface simplifies the entire operation. Pop-up dialog boxes and pull-down menus replace hard-to-remember commands. A mouse and/or keyboard can be used.

Second, SchoolMate's COURSEWARE INSTALLATION is a very simple install procedure for adding software solutions to the network.

Third, no other school network includes—in its basic package—classroom management tools for the teacher. With SchoolMate, a teacher can easily create a class roster, set up a grade book, schedule lessons and generate exams.

SchoolMate represents ten years of classroom network experience by Tandy, the leading manufacturer of PC-compatible personal computers and the leader in classroom networking. SchoolMate is what teachers had in mind! 25-1241 999.95

...DESIGNED WITH TEACHERS IN MIND

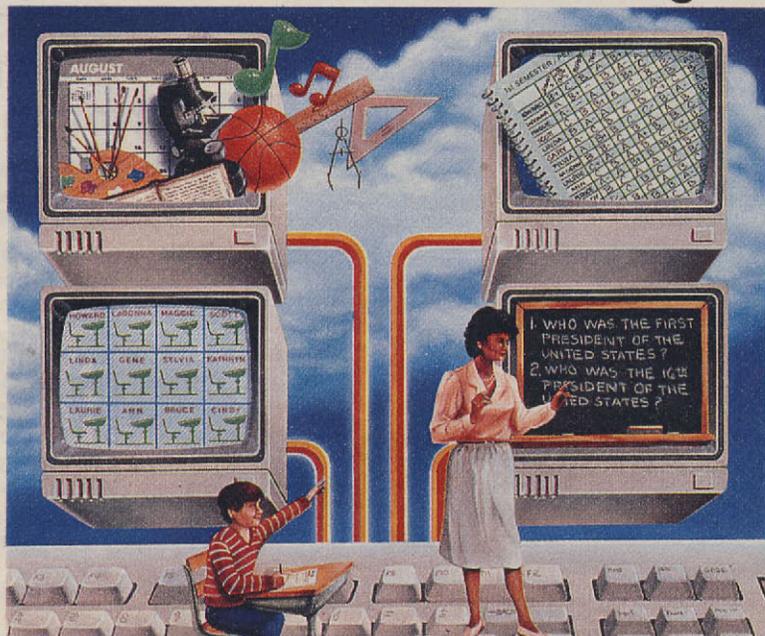
SchoolMate's Built-In Classroom Management Tools

Lesson Scheduler

Teachers create software lessons to meet the instructional needs of their students. Lessons can be scheduled for one student, a group of students or an entire class on a daily, weekly and bi-weekly basis. Teachers can include individualized instructions with each lesson.

Roster

The ROSTER application is an information storage and retrieval system of student records. Teachers can add, maintain, delete and print student records for each class. Once entered, student names can be taken from the Student Master List to create new class rosters.



Grade Book

With Grade Book, teachers record numeric, alphabetic and checkmark grades in up to six categories, including homework and exams. Teachers can use semester, trimester and quarter grading periods, automatically calculate student and class averages, and print individual or class grade reports.

Exam Maker

Create exams using multiple choice, true/false, matching, essay, fill-in-the-blank or multiple answer formats. Questions may include illustrations from DeskMate's DRAW. Exams may be printed as entered or in random order. Answer key is automatically generated with each exam.

Check-Out Grade Book & Exam Maker

A teacher's work is never done. But with SchoolMate's GRADE BOOK and EXAM MAKER teachers can record grades and create exams independent of the network. This unique "CHECK-OUT" option frees teachers from the network and allows them to use GRADE BOOK and EXAM MAKER on stand-alone computers—at home or in their classroom. When teachers are ready to move back to the network, they simply "CHECK-IN" the applications to update their GRADE BOOK and EXAM MAKER files.

SchoolMate Includes 3Com 3 + Share

SchoolMate includes the 3Com 3 + Share network server and station software with a special menu-driven installation. This industry-standard network supports many different servers and stations on several different network boards, including EtherLink and TokenRing/TokenLink. 3Com provides high speed performance, IBM compatibility, remote connectivity and enhanced functionality. SchoolMate requires a dedicated server, PC compatible workstations, MS-DOS 3.2 or later (3.3 or later with SL/TL stations), and network cards including EtherLink, TokenRing, TokenLink and TandyLink. Use of 3+TurboShare and an EMS card is recommended on the server for all TandyLink networks with more than 10 workstations and EtherLink networks with 20 to 35 workstations. For more information on 3Com workgroup and related system components, see pages 20 and 21.

SPECIFICATIONS. System Requirements: SchoolMate requires a 3Com Server or a dedicated PC server, and MS-DOS 3.2 or greater.
PC Server Requirements: Tandy 3000/4000 with at least 640K RAM or a Tandy 1000 TX/TL with 768K RAM, a 20MB hard disk drive and a TandyLink, Etherlink or TokenLink network card.
Station Requirements: Tandy 1000 with at least 640K RAM and a TandyLink or EtherLink network card. Tandy 1000 TL/SL require MS-DOS 3.3 or greater. Tandy 3000/4000 with at least 640K RAM and a TandyLink, EtherLink or TokenLink network card.

DeskMate Makes Teachers More Productive



Turn a Tandy computer into an electronic resource center for teachers with DeskMate software.

DeskMate. With DeskMate's productivity applications (TEXT, WORKSHEET, FILER and the 90,000-word SPELL CHECKER) teachers can create tests, handouts and lesson plans; keep track of their classroom equipment; and manage student grades. As teachers extend their reach outside the classroom, DeskMate's telecommunications applications, Telecom and PC-Link, are there to lend a hand. SchoolMate's EXAM MAKER lets teachers get creative by incorporating illustrations from DeskMate's DRAW application. DeskMate's personal management applications (CALENDAR, ADDRESS BOOK and PHONE LIST) help teachers organize their personal schedules, produce mailing labels and form letters to parents, and more.

25-1350 99.95

DeskMate Workgroup Companion. Workgroup Companion's communications applications (TELEPHONE CENTRAL, FORUM, MAIL and TALK) allow teachers to create an in/out board and telephone message center, send action items, send electronic mail, and carry on a continuous dialog with other teachers. Teachers can take advantage of Workgroup Companion's resource sharing features. A shared ADDRESS BOOK/PHONE LIST minimizes lost time in searching for commonly used phone numbers. The shared CALENDAR offers the capability of time management and centralized scheduling throughout an entire school or department. With PRINT REDIRECTION teachers can automatically route printed output from any application to the specified printer. All you need is a copy of DeskMate at each station. Two computers can be connected using an RS-232 cable.

25-1251 149.95

MODEL 4D-DESKMATE® INCLUDED



**Ready to Go to Work!
Complete and Fully
Self Contained!
Nothing Extra to Buy!**

1199.00 Low As
\$60 Per Month*

- Includes DeskMate® Software for Filing, Word Processing, Spreadsheet Analysis, Communications, Calendar/Alarm and Electronic Mail
- Two Built-In Double-Sided 5 1/4" Drives Provide 736K Total Storage
- Built-In 12" Display with 80-Character By 24-Line Format
- 64K Internal Memory—Expandable To 128K
 - Large Selection of Ready-to-Run Programs Available
 - Parallel Printer Interface and RS-232C Serial Interface

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: 71-key typewriter-style with datapad, plus control, caps and 3 programmable function keys (F1, F2, F3). Video Display: 80 x 24 (Model 4 mode), 64 x 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 "click" characters. Disk Drives: Two built-in double-sided 368K 5 1/4" drives. External Connections: Cassette operation at 500/1500 bps. Parallel printer port. RS-232C serial port. Buffered input/output bus. Dimensions: 12 1/2 x 18 7/8 x 21 1/2". Power: 120VAC, 60Hz. Authorization: Verified to comply with FCC Class A.

Model 4D with DeskMate. For busy managers, professionals and educators. The Model 4D runs most TRSDOS® and LDOS software designed for the Model 4 and 4P, as well as for Model III/I (in the Model III mode). UL listed. 26-1070 (TSP Avail.) 1199.00*

6' Ribbon Printer Cable. 26-1401 29.95*

64K RAM Kit. Expands 64K to 128K. Extra memory not accessible by BASIC. 26-1122 69.95*

High-Resolution Graphics. 26-1126 219.95*

Hard Disk Controller. Requires 26-1134 Cable Kit. 26-1138 449.95

Hard Disk Cable Kit. Allows you to add a 10 or 15-Megabyte Hard Disk. Includes TRSDOS 6.2 and manual. 26-1134 79.95

Popular Applications Software for Your Model 4

Word Processing

SCRIPSIT® Prepare memos, letters, reports, and manuscripts with this full-featured word processor. 26-1563 99.95

SuperSCRIPSIT® Powerful word processor, allows programmable user keys, many print options, multi-column printing, proportional spacing/justification, and more. 26-1595 199.00

Accounting

Tandy General Ledger. Makes small business accounting procedures efficient, simple and quick. Use with Accounts Receivable, Accounts Payable or Payroll. 26-1540 199.95

Tandy Accounts Receivable. Saves time and money by processing sales and receipts

electronically. A "balance-forward" system. Can be used with Invoice Writer. Will automatically post transactions to General Ledger. 26-1541 199.95

Tandy Accounts Payable. Provides rapid and accurate monitoring of purchases and expenses. Can be used with General Ledger. 26-1542 199.95

Tandy Payroll. Complete payroll system for small business. Not recommended for tip income reporting. Can be used with General Ledger. 26-1543 199.95

Tandy Invoice Writer. Rapid and accurate method of creating invoices. Transfers invoice data to customer accounts. Requires 26-1541. 26-1544 49.95

Tandy Inventory Control. Prints ten major reports, plus custom reports. Use with Invoice Writer to automatically update inventory while invoicing customers. 26-1545 199.95

Attention Model I/III Owners

We still carry a selection of hardware upgrades and software for your computers. Visit your Radio Shack Computer Center or Department for details.

Upgrades for Model I/III/4/4P/4D

TRSDOS 6.2 Upgrade to LS-DOS 6.3. 70-2297 39.95*

Model 4 Internal Disk Drive 0. Includes a 184K, 5 1/4" single-sided, double-density disk drive with TRSDOS 6 operating system, Disk BASIC and manual. 26-1127 399.95*

Model III/4 Internal Disk Drive 1. 26-1163 149.95*

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 199.95*

SPECIAL SYSTEM ENHANCEMENTS

Hitachi CD-ROM Drive



995⁰⁰ Low As \$50 Per Month*

Hitachi CDR-1503S CD-ROM Drive. Open your computer to volumes of information with this slim line stand alone drive. It uses CD-ROM applications (listed below) that hold 400 times more information than a 1.44 MB 3 1/2" floppy disk. Comes with an interface card and Microsoft CD-ROM extensions. For Tandy 1000/3000/4000 PC compatibles. 900-2156 995.00

CD-ROM Applications

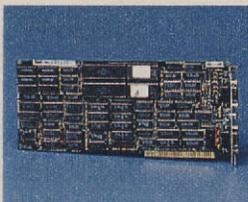
- Microsoft Bookshelf.** Library of references for writing on a CD-ROM disc. 900-5501 295.00
- Grolier's Electronic Encyclopedia.** A superior research tool. 900-5503 395.00
- Microsoft Small Business Consultant.** 900-5504 149.00
- GEODisc U.S. Atlas.** A geographical database. 900-5506 595.00
- Microsoft Stat Pack.** U.S. government facts and figures. 900-5509 125.00
- The Bible Library.** With 27 titles, 9 Bibles and 18 references. 900-5513 595.00
- NEW! Science Helper K-8.** With up to 1,000 math/science lesson plans. 900-5604 195.00
- NEW! PC-SIG Library, 6th Edition.** 900-5696 495.00
- NEW! Personal Software Library.** A diverse collection of shareware. 900-5697 195.00
- NEW! Microsoft Programmer's Library.** 900-5620 395.00
- NEW! Facts on File: News Digest.** Basic U.S. and world news facts, 1980-87. 900-5628 695.00
- NEW! The World Fact Book.** 900-2890 99.00
- NEW! Seals of the U.S. Federal Government.** 900-2891 69.95
- NEW! How to Become a U.S. Citizen.** 900-2892 99.00
- NEW! Shareware Gold.** 900-2893 79.95
- NEW! Wheeler Clip Art.** 900-2894 249.00
- NEW! Agricola.** 900-2895 99.00

Trackstar E

NEW FOR '90

499⁰⁰

Low As \$25 Per Month*

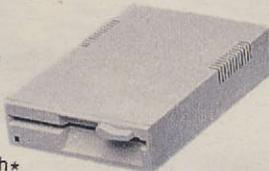


Run MS-DOS® and Apple® IIc Software on Tandy 1000

NEW! Trackstar E. Now you can run Apple IIc educational and game software on your Tandy 1000 SX/SL/TL or TX computer with the TRACKSTAR E adapter. Have the best of both worlds in one computer. Installation required (not included). 25-1038 499.00

External Apple Drive

199⁹⁵



Low As \$15 Per Month*

Weltec 5 1/4" External Apple IIc Compatible Drive. 900-2221 199.95

POWERHOUSE Interface

X-10 POWERHOUSE Computer Interface. Transmits up to 128 timer events to X-10 or Radio Shack Plug 'n Power modules. 5 1/4", 905-2087 49.95

PLUS Upgrade Board

PLUS Network 4 Adapter. Use the Tandy 1000 EX/HX as a low-cost system in an educational network. 25-1019 299.95

Music and Speech

Mellotron MUART 4-Port MIDI Interface Board (pictured). Compose, edit, mix and playback your own compositions on your PC with this user-installable board. For Tandy 1000/3000.



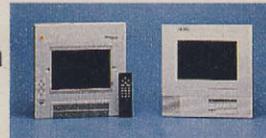
5 1/4", 905-2119 695.00

Ad Lib Personal Computer Music System. A complete musical hardware/software system for PCs. 5 1/4", 905-2155 245.00

Street Electronics Echo PC + Speech Synthesizer. Add speech to your custom programs as well as to talking programs that support the Echo. 900-2164 179.95

Street Electronics Echo 1000 Speech Synthesizer. Same advanced voice-synthesis features as 900-2164 (above) for use with the Tandy 1000 HX/EX. 900-2163 149.95

New! Presentation Screens



Kodak Dataslow HR System. Big-screen projection system with infrared remote controls. Black on white with 8-shade gray scale. For EGA/CGA. Comes with remote. 900-2282 1795.00

Computer Accessories. Proxima Data Display 400. Project data in 16 colors from overhead projector (not included). EGA/CGA. 900-2296 1599.00

Products to Suit Special Needs

DADA PC Serial A.I.D. With the DADA PC Serial A.I.D., you can easily attach various special needs products to your computer. Interface between standard computer serial port (DB25) and a variety of devices, including TASH ability switches listed at right. Also accepts various input methods such as Scanning, Morse Code and Assisted Keyboard and more. 900-2190 325.00



NEW! TASH PC Mini Keyboard (pictured at left). The TASH PC Mini Keyboard has the layout to match any IBM compatible keyboard and

plugs into the keyboard jack of PC compatibles. Needs no special interface keyboard or software. You can just plug it in and it's ready to go. With audio feedback that indicates when a key is pressed and when information is being sent. 900-2320 700.00

TASH Ability Switches (Require PC Serial A.I.D.)

- Round "Cupped".** 1.8" diameter switch in plastic base. 900-2203 40.00
- Mini-Cup Switch.** 1" round "cupped" switch in plastic base. 900-2204 35.00
- Square Pad Switch.** Large switch with touch-sensitive top surface. 5.5 x 5.5 x .65". 900-2202 75.00
- Red Plate Switch.** Low profile single membrane switch. 3.5 x 3.5 x .175". 900-2194 55.00
- Pneumatic Dual Switch.** A dual action switch operated by puffing and sipping, with an extended tube for swivel clamp mounting and an internal washable saliva trap. 900-2201 210.00
- CA-2 Connector Adapter.** Use to connect dual switches such as 90-2201 to the PC Serial A.I.D. 900-2205 30.00

FULL FEATURE TANDY LASER PRINTER



For Professional-Quality
Word Processing

2599⁰⁰

Lease For Only \$95 Per Month*

- 1.5 MB Memory for Full-Page 300 Dots-Per-Inch Print Resolution
- Includes Popular Soft Fonts
- Convenient Front-Panel Controls

LP 1000. The ideal printer for professional word processing and desktop publishing. Includes HP-compatible "B" and "F" soft fonts. Accepts additional optional downloadable fonts. Tandy®, IBM® and HP LaserJet Plus®-compatible. Includes Kit A and toner. Centronics parallel interface. UL listed. 26-2804 (TSP Avail.) 2599.00

- Toner.** 26-2807 27.95
- Kit A.** Drum/cleaner/maintenance kit. 26-2805 199.95
- Kit B.** Cleaner/maintenance kit. 26-2806 99.95

SPECIFICATIONS: Print Speed: 6 pages per minute. Resolution: 300 x 300 dots per inch. Printable area max. 8" wide, 13 1/2" long. Paper Size: Letter, legal, half-letter, A4, A5, B5, 4 to 8 1/2" wide and 8 1/16 to 14" long. Paper tray holds 150 sheets 20# bond max. Duty Cycle: 3000 sheets per month. Interfaces: Video, Centronics parallel. Dimensions: 8 5/16 x 16 1/16 x 16 1/2". Weight: 37.5 lbs. Power: 120VAC, 60 Hz. UL listed AC.

Bitstream Fontware

Typeface outlines for creating fonts in a variety of sizes using a Fontware Install Kit (900-2223) or Pagemaker 3.0. For LP 1000 and supported dot-matrix printers under Microsoft Windows.

Windows Fontware Install Kit. 900-2223 95.00

Typefaces—\$195.00 Each	Cat. No.	ITC Clearface	900-2244
Activa	900-2276	ITC Galliard	900-2240
Baskerville	900-2242	ITC Garamond	900-2225
Bernhard Modern	900-2280	ITC Garamond Condensed	900-2251
Bitstream Amerigo	900-2239	ITC Korinna	900-2255
Bitstream Charter	900-2233	ITC Lubalin Graph	900-2278
Bitstream Cooper	900-2245	ITC Souvenir	900-2260
Bodini	900-2241	ITC Tiffany	900-2262
Century Schoolbook	900-2224	Letter Gothic (12 Pitch)	900-2238
Courier (10 Pitch)	900-2232	News Gothic	900-2256
Dutch	900-2247	Prestige (12 Pitch)	900-2257
Franklin Gothic	900-2275	Provence	900-2279
Futura	900-2248	Serifa	900-2258
Futura Light	900-2231	Slate	900-2259
Futura Medium	900-2249	Swiss	900-2246
Goudy Old Style	900-2252	Swiss Condensed	900-2261
Hammersmith	900-2253	Swiss Light	900-2230
Headlines 1	900-2226	Zapf Calligraphic	900-2229
Headlines 2	900-2227	Zapf Elliptical	900-2263
Headlines 3	900-2237	Zapf Humanist	900-2264
Headlines 4	900-2228	Zurich	900-2265
Headlines 5	900-2254	Zurich Condensed	900-2287
ITC American Typewriter	900-2277	Zurich Light	900-2266
ITC Avant Garde Gothic	900-2236	Typefaces—\$395.00 Each	Cat. No.
ITC Benguiat	900-2250	Fundamentals—Books	900-2268
ITC Bookman	900-2243	Fundamentals—Flyers	900-2269
ITC Cheltenham	900-2270	Fundamentals—Newsletter	900-2267

Custom Font Options

SoftCraft Laser Fonts. Install Soft Fonts for WordPerfect/Microsoft Word. 5 1/4", 905-2271 180.00

SoftCraft WYSI Fonts! Install screen fonts for PageMaker and Windows. 5 1/4", 905-2272 95.00

SoftCraft Font Effects. Create special effects with Soft Fonts. 5 1/4", 905-2273 95.00

Tandy Custom Font Package. 25-1158 24.95

"B" and "F" Soft Fonts and Downloader. 25-1305 195.00

LP-1000 Postscript™ Interpreter

Destiny PageStyler 4.5 Kit. PAGE-STYLER is compatible with every popular word processing, publishing and presentation software package with a Postscript language driver. Includes a CPU-based add-in board for Tandy 3000/4000 that cables directly to the video port of the LP 1000 laser printer. 4.5 meg RAM and 35 fonts included. 900-2218 2690.00



5 1/4" Destiny PageStyler 2.5 Kit. Same as above with 13 fonts and 2.5 meg memory. 5 1/4", 905-2311 1890.00

5 1/4" Destiny PageStyler 22 Font Upgrade. For 905-2311. 5 1/4", 905-2312 169.95

5 1/4" Destiny 4.5 Software Kit. Upgrades 905-2311 for use with up to 4.5 meg of user-supplied RAM. 5 1/4", 905-2313 169.95

HIGH-SPEED BUSINESS PRINTERS

Print Customized
Type Styles, Fast!

1599⁰⁰

Lease for Only \$60 Per Month*

- Prints Up to 240 cps
- Tandy/IBM Emulations
- Optional Four Color Printing
- Built-In "Zero" Tear Tractor
- 24-Wire Print Head for Superb Print Quality

DMP 2120. An ideal high-speed dot-matrix printer for demanding business applications. Use the Custom Font Package (sold separately) to load different type styles for print quality that rivals a daisy wheel printer! Includes built-in "push-type" tractor so a single form or fanfold sheet can be detached without waste. Paper Park feature lets you print a single sheet without removing fanfold paper. Front panel selection of fonts, character sets and type styles. UL listed. 26-2811 (TSP Available) 1599.00

SPECIFICATIONS: NLQ Mode—up to 80 cps @ 10 cpi. Draft Mode—up to 240 cps @ 10 cpi. Print Head: 24-wire. Horizontal Dot Resolution: 360 dots/inch, 4996 dots/line. Paper Width: 4" to 16 1/2". Copies: Original, 5 copies (carbonless). Interface: Parallel. Dimensions: 7 3/4 x 22 1/2 x 15 3/8". Weight: 42 lbs. Power: 120VAC, 60 Hz.



Our Powerful
270 cps, 132-Column
Dot Matrix Printer

**NEW
FOR '90**

999⁰⁰

Low As
\$50 Per Month*

- Tandy and IBM Proprinter™ XL 24 Emulations
- Resident Courier and Prestige Near Letter Quality Fonts
- Push Tractor Feed with Zero Tear Bar Eliminates Wasted Paper

DMP 2102. Superior speed and quality at a cost-effective price for many office printing needs. Semi-automatic sheet feed. One-button paper park. Front panel operation of controls. Optional Sheet Feeder (26-2816). UL listed. 26-2817 (TSP Available) 999.00

SPECIFICATIONS: Print Speed: NLQ Mode—up to 75 cps @ 10 cpi. Draft Mode—up to 225 cps @ 10 cpi. Utility Mode—270 cps @ 12 cpi. Graphics Resolution: 360 x 180. Print Head: 24-wire. Print Buffer: 32K. Paper Size: 3" to 16". Copies: Original, three copies (carbonless). Interface: Parallel. Dimensions: 4 5/8 x 21 3/4 x 13 5/8". Weight: 22 5/8 lbs. Power: 120VAC, 60 Hz. UL listed AC.

Proprinter/TM IBM Corp.

DOT-MATRIX BUSINESS PRINTERS

Produce Sharp,
Clear Correspondence

**NEW
FOR '90**

649⁰⁰

Low As \$33 Per Month*

- 24-Wire Print Head For Top-Quality Printing
- Push Tractor Lets You Detach Fanfold Paper Without Waste
- Resident Prestige and Courier Near Letter Quality Fonts

DMP 300. This versatile dot matrix printer prints up to 270 characters per second in draft-quality text. Or use the convenient, front panel controls to print in near letter quality for impressive reports that rival a laser printer. Also features a quiet mode and paper park, to print a single sheet without removing fanfold paper. UL listed AC.

26-2818 (TSP Available) 649.00

CSF 300 Cut Sheet Feeder. Auto loads up to 170 sheets. 26-2816 (TSP Avail.) . . 299.95

SPECIFICATIONS. Print Speed: NLQ Mode—75 cps @ 10 cpi. Draft Mode—225 cps @ 10 cpi. Utility Mode—270 cps @ 12 cpi. Graphics Resolution: 360 x 180. Print Head: 24-wire. Print Buffer: 32K. Paper Size: 3" to 10". Copies: Original, 3 copies (carbonless). Interface: Parallel. Emulation: Tandy and IBM® Proprinter X24. Dimensions: 13.6 x 15.7 x 4.6". Weight: 18.5 lbs. Power: 120 VAC, 60Hz.



Powerful Dot Matrix for Business Use

**NEW
FOR '90**

699⁰⁰

Low As \$35 Per Month*

- Tandy/IBM Proprinter II Emulations
- Prints Up to 300 cps

DMP 442. This cost-effective 132-column printer will handle virtually any office printing need. Choose high-speed draft mode for printing up to 300 characters per second, or create reports and memos at up to 62.5 characters per second in the correspondence mode. Prints 288 x 144 graphics, too. Print your document and detach at the last page—no need to waste a blank sheet because the built-in adjustable tractor pushes paper from the bottom up. And with paper park you can print a letter on your single-sheet letterhead without removing fanfold paper. Courier and gothic fonts. Front panel controls with menu system. UL listed AC.

26-2822 (TSP Available) 699.00

SPECIFICATIONS. Print Speed: NLQ Mode—62.5 cps @ 10 cpi. Draft Mode—300 cps @ 10 cpi. Graphics Resolution: 288 x 144. Print Head: 9-wire. Print Buffer: 32K. Paper Size: 3" to 16". Copies: Original, three copies (carbonless). Interface: Parallel. Emulation: Tandy and IBM Proprinter II. Dimensions: 13.6 x 21.7 x 4.6". Weight: 22.1 lbs. Power: 120VAC, 60 Hz.



CHOOSE PRECISION TANDY PRINTERS

Triple-Mode Dot Matrix "Personal Printer"

**NEW
FOR '90**

379⁹⁵

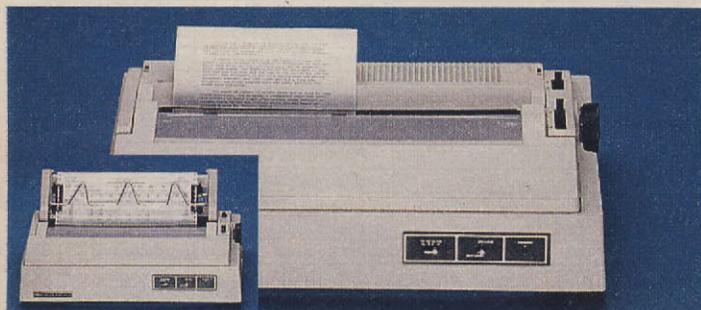
Low As
\$19 Per Month*

- Built-In Push Tractor With Reversible Paper Tray for Single Sheets

- Includes Courier and Draft Fonts

DMP 133. With word processing, data processing and dot-addressable graphics modes, you can print your documents in many different styles. Prints in four character styles: Standard or italic in draft or correspondence modes. Choose draft mode and print up to 160 characters per second or use the courier type font and print letters and reports at 25 characters per second. Supports super/subscripts, double-width, bold, double-strike and microfonts. UL listed AC. 26-2815 (TSP Available) 379.95

SPECIFICATIONS. Print Speed: NLQ Mode—25 cps @ 10 cpi. Draft Mode—160 cps @ 10 cpi. Emulations: Tandy and IBM® Graphics Printer. Graphics Resolution: 240 dpi. Print Head: 9-wire. Paper Size: 4½" to 10". Copies: Original, two copies (carbonless). Interface: Parallel and Color Computer serial. Dimensions: 11 x 5 x 4". Weight: 7.3 lbs. Power: 120VAC, 60 Hz.



Letter-Quality Daisy Wheel Printer

459⁹⁵

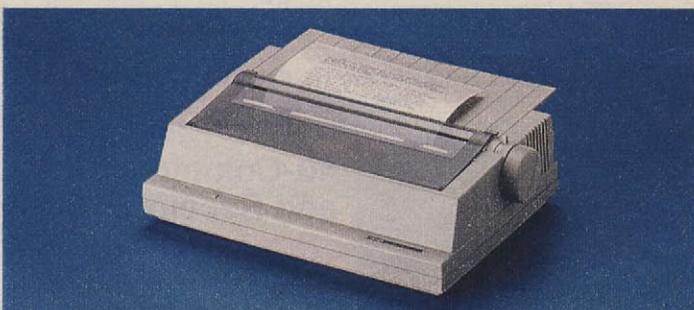
Low As
\$23 Per Month*

- IBM® PC Compatible ■ Prints 200 Words Per Minute
- Includes Courier 10 Print Wheel and Ribbon

DWP 230. Select 10 or 12 characters per inch, or proportional pitch. Uses interchangeable 96-character print wheels. Parallel and Color Computer-compatible serial interfaces. UL listed AC. 26-2812 (TSP Available) 459.95

Bi-Directional Tractor for DWP 230. 26-2813 99.95

SPECIFICATIONS. Print Speed: 20 cps. Print Modes: 10, 12, 15, and Proportional. Emulation: Tandy and IBM® Wheelprinter. Print Wheel: Diablo® 630 Compatible. Dimensions: 6¾ x 24¾ x 13¾". Weight: 26 lbs. Power: 120VAC, 60 Hz, 45 Watts.



A Price/Performance Standout

**NEW
FOR '90**

279⁹⁵

Low As
\$15 Per Month*

- Tandy/IBM Graphics Printer Emulation
- Produces Bit-Image Graphics

DMP 107. Compact dot-matrix printer for general purpose use. Prints 100 cps, and has adjustable push tractor, plus single-sheet paper feed. Includes near letter quality Courier font for personal word processing. UL listed AC. 26-2821 (TSP Avail.) 279.95

SPECIFICATIONS. Print Speed: NLQ Mode—20 cps @ 10 cpi. Draft Mode—100 cps @ 10 cpi. Emulations: Tandy and IBM® Graphics Printer. Graphics Resolution: 240 dpi. Print Head: 9-wire. Paper Size: 9½" to 10". Copies: Original, one copy. Interface: Parallel and Color Computer serial. Dimensions: 10 x 15 x 4". Weight: 6.6 lbs. Power: 120VAC, 60 Hz.

Top-Quality Accessories Make Your Printer More Efficient

Acoustic Cover

69⁹⁵ For 80-Column Printers



Reduces printer noise, protects from dust. Interior: 6 x 19 x 16". Easy to assemble. 26-235 69.95

Platen Cleaning Kit

6⁹⁵ Ideal for Computer Printers



Reduces paper misfeeds. Contains two brushes and 1-oz. bottle of cleaning solution. 26-205 6.95

PRINTER ACCESSORIES & RIBBONS



Printer Selector

9995 Low As \$15 Per Month*

- Automatically Select Printer or Computer
- IBM PC Compatible

Printer Interface 2 Selector. Connect two printers to two computers, then automatically switch between them. Cables not included, UL listed. 26-2820 99.95

Printer Cable Extender. (Requires 26-290.) 26-2840 29.95

25-Ft. Extension Cable. 26-290 59.95

Four-Way Printer Selector. 26-2828 59.95

Serial-to-Parallel Convertor. 26-2829 99.95

NEW! EasyPRINT Print Sharing Systems

EasyPRINT-2. Ideal printer sharing solution for small offices. Allows two PCs to share one printer. 5 1/4", 905-1686 99.95

EasyPRINT-4. Lets you connect up to four PCs and two printers. Includes EasySWITCH electronic data switch and EasyPRINT software. 5 1/4", 905-1693 399.95

EasyPRINT-4 Expansion Kit. For use with EasyPRINT-4 (above). Includes two software diskettes and cables to add two more PCs to EasySWITCH. 5 1/4", 905-1694 119.95



40-Column Journal and Receipt Printer

NEW FOR '90 **79900** Low As \$40 Per Month*

Compatible with PCs and Point-of-Sale Applications

Ithaca Model 52 PcOS Printer. Provides a receipt, plus a record of customer transactions. 160 cps. Parallel interface. Uses 2-ply paper. 900-2297 799.00

Kurta Drawing Tablets



Kurta IS/ONE Tablets with 4-Button Cursor.

12 x 12" 900-2195 645.00

12 x 17" 900-2196 995.00

Replacement IS/ONE Cursor. 900-2197 100.00

Scanning Devices/OCR Software



AVR MegaScan II Scanner System. 5 1/4", 905-2210, 3290.00

AVR MegaRead OCR Software. 5 1/4", 905-2211 .. 495.00

The Complete PC Hand Scanner/400. 5 1/4", 905-2140, 249.00

Ricoh RS-320 Scanner. 5 1/4", 905-2215 1495.00

Carets OCR Software. 5 1/4", 905-2219 395.00

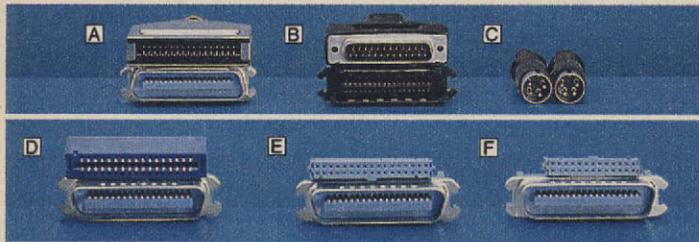
Replacement Printer Ribbons

Printer	Ribbon	Cat. No.	Each
Tandy LP I, II, IV	Fabric Pack (3/PK)	26-1413	19.95
Tandy LP III, V	Fabric Cart.	26-1414	9.95
Tandy LP VI/VIII, DMP 400/420	Fabric Cart.	26-1418	9.95
Tandy LP VII, DMP 100	Re-inking Fabric	26-1424	13.95
Tandy DMP 110	Re-inking Fabric	26-1283	8.95
Tandy DMP 130/130A/132/133/107	Black Ribbon	26-1236	10.95
Tandy DMP 130/130A/132/133/107	Refill (3/PK)	26-1238	14.95
Tandy DMP 130/130A/132/133/107	Color Ribbon Pack	26-1235	19.95
Tandy DMP 500	Fabric Cart.	26-1482	13.95
Tandy DMP 120, 200	Fabric Cart.	26-1483	11.95
Tandy DMP 120, 200, 500, 430	Refill Pack (3/PK)	26-1489	15.95
Tandy DMP 105, 106	Black Fabric Cart.	26-1288	8.95
Tandy DMP 430	Black Fabric Cart.	26-1296	14.95
Tandy DMP 440	Fabric Cart.	26-2809	34.95
Tandy DMP 2100, 2100P, 2110	Fabric Cart.	26-1442	9.95
Tandy DMP 2120	Black Ribbon	26-2834	39.95
Tandy DMP 2120	Color Ribbon	26-2835	79.95
Tandy DMP 2120	Black Refill	26-2836	18.95
Tandy DMP 2120	Color Refill	26-2837	39.95
Tandy LMP 2150	Black Cartridge	26-1287	17.95
Tandy TRP 100	Black Thermal Film	26-1297	7.95
Tandy DW II, DWP 410, 510	Multi-Strike (3/PK)	26-1419	19.95
Tandy DW II, DWP 410, 510	Nylon Cart.	26-1449	7.95
Tandy DWP 520, 230, 210	Multi-Strike (3/PK)	26-1445	19.95
Tandy DWP 520,230,210	Fabric Cart.	26-1458	7.95
Tandy DWP 220	Black Multi-Strike	26-1299	19.95
Tandy PC-1 Pocket Computer	Black Fabric Cart.	26-3507	2.75
Tandy CGP 220	Black Ink Pack	26-1281	12.95
Tandy CGP 220	Color Ink Pack	26-1282	18.95
Tandy DMP 300/2102	Black Ribbon	26-2819	11.95
Tandy DMP 442	Black Ribbon	26-2823	11.95
Tandy DMP 2200	Black Ribbon	26-2825	22.95
Tandy DMP 440	Refill	26-2827	19.95
Apple Imagewriter	Black	900-2324	6.49
Apple Imagewriter	Color	900-2325	12.95
ALPS ASP-1000	Black	900-2326	8.49
Epson FX/MX/RX-80	Black	900-2327	6.49
Epson LX-80/90	Black	900-2328	6.95
Epson LQ-500/800/850	Black	900-2329	9.95
IBM Proprinter/Proprinter II	Black	900-2330	7.95
Panasonic KXP-1090	Black	900-2331	10.95
Star Micronix NX-1000	Black	900-2332	6.95
Tandy PC-2 Plotter/CGP 115 Plotter	Black	26-1480	2.95
Tandy PC-2 Plotter/CGP 115 Plotter	Color	26-1481	2.95
Tandy WP-100 Wordprocessor	Black Single-Strike	26-3952	9.95
Tandy WP-100 Wordprocessor	Lift-Off Correction	26-3953	3.95
Tandy WP-100 Wordprocessor	Black Multi-Strike	26-3954	11.95
Tandy WP-100 Wordprocessor	Cover-Up Correction	26-3955	6.95

Daisy Print Wheels and Plotter Pens

Printwheels, (whether a replacement or different typestyle), plotter pens and ink cartridges are available by special order through our exclusive Consumer Mail service for all Tandy and Radio Shack daisy wheel printers and plotters. Printwheels are available for the DWP 210, 220, 230, 410, IIB, 510 and 520. Pens for the FP215, the Multi-Pen Plotter (both for paper and transparencies), and for the PC-695 are available in a variety of colors. If not in stock at the Radio Shack Computer Center or participating Radio Shack store or dealer near you, the item will be shipped to your local store for you to pick up in a few days. A great service—at no extra charge!

COMPUTER AND PRINTER CABLES



Printer Cables

Fig.	Fits	Description	Length	Cat. No.	Each
A	Tandy 1000 Series	Edge Card/36-pin Tandy port for most Tandy printers	6' S	26-225	34.95
			12' S	26-222	39.95
		Edge Card/36-pin IBM port	6' S	26-289	34.95
B	Tandy 3000/4000/5000/1400/WP2/IBM	25-pin male/36-pin Tandy port for most Tandy printers	6' S	26-227	34.95
			12' S	26-223	39.95
		25-pin male/36-pin IBM port	6' S	26-288	34.95
C	Color Computer/MC-10	4-pin DIN/4-pin DIN Special Serial Cable	6' S	26-3020	5.95
D	Model I/III/4/4P/4D	Edge card/36-pin Tandy port	6'	26-1401	29.95
E	Model II/12/16/16B/2000/6000	34-pin female header/36-pin Tandy port	6'	26-4401	29.95
F	Model 100/102/200/600	26-pin female header/36-pin Tandy port	6' S	26-1409	14.95
		26-2840 Cable Ext.	36-pin male/36-pin male Requires 26-2840	25' S	26-290

Note: An "S" after the cable length indicates shielded round cable.

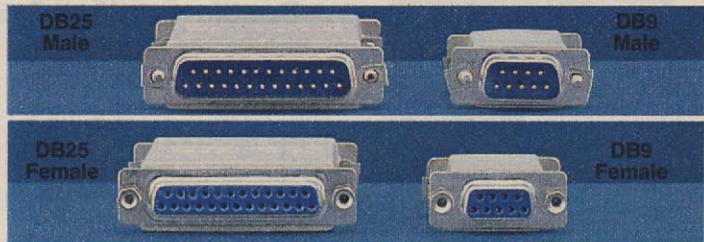


Special Purpose Cables

A	Monitor Extension, 6' shielded, DB9.	26-257	14.95
B	NEW! VGA Monitor Extension, 6' shielded, DB15.	26-255	24.95
C	Pocket Computer 5/6 Interface.	26-3671	16.95
D	Color Computer, 6' 4-pin DIN male to 4-pin DIN male.	26-3020	5.95
E	90-Key Keyboard Extension, 5' shielded/8-pin DIN Connector, Tandy 1000/SX/TX.	26-1389	14.95
F	NEW! 101-Key Keyboard Extension, 5' shielded/5-pin DIN connector, Tandy 3000/4000/1000 SL/TL.	26-256	14.95
G	Cassette Recorder, 5-pin DIN to audio.	26-1207	5.95
H	Tandy 102 Modem, 8-pin DIN (Heshman-type) male to modular phone. Includes shorting plug.	26-1410	19.95

Do-It-Yourself Connectors

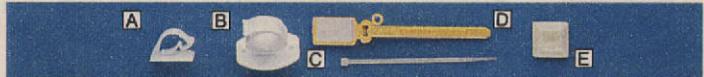
Description	Cat. No.	Each
9-Pin Male Crimp	276-1427	.99
9-Pin Female Crimp	276-1428	1.19
25-Pin Male Crimp	276-1429	2.49
25-Pin Female Crimp	276-1430	2.99
9-Pin Male Solder	276-1537	.99
9-Pin Female Solder	276-1538	1.99
25-Pin Male Solder	276-1547	1.49
25-Pin Female Solder	276-1548	2.49
9-Position Metal D-Sub Hood	276-1508	2.19
25-Position Metal D-Sub Hood	276-1510	2.79
25-Position Multipurpose Hood	276-1520	1.79
D-Sub 25 Male IDC	276-1559	3.99
D-Sub 25 Female IDC	276-1565	3.99
36-Position Male IDC	276-1533	4.99



Serial Cables and Connectors

Description	Connectors	Cat. No.	Each
6' round shielded	DB25 male/DB25 male	26-249	17.95
6' round shielded	DB25 male/DB25 female	26-240	17.95
6' round shielded	DB25 male/DB9 female	26-269	17.95
10' round shielded	DB25 male/DB25 male	26-291	24.95
25' round shielded	DB25 male/DB25 male	26-292	29.95
50' round shielded	DB25 male/DB25 male	26-293	44.95
100' round shielded	DB25 male/DB25 male	26-294	69.95

Description	Connectors	Cat. No.	Each
Null Modem Adapter	DB25 male/DB25 female	26-1496	7.95
Null Modem Adapter	DB9 male/DB9 female	26-264	6.95
Gender Changer	DB25 male/DB25 male	26-243	7.95
Gender Changer	DB25 female/DB25 female	26-1495	7.95
Gender Changer	DB9 female/DB9 female	26-266	6.95
Gender Changer	DB9 male/DB9 male	26-280	6.95
Adapter	DB25 male/DB9 male	26-1388	7.95
Adapter	DB25 female/DB9 female	26-265	7.95
Adapter	DB25 female/DB9 male	26-287	7.95



Wire/Cable Accessories

A	Universal Cable Clips, 278-1639	Pkg. of 10/2.19
B	Jumbo Cable Clips, 276-1641	Pkg. of 3/1.79
C	4" Wire Ties, 278-1632	Pkg. of 30/1.59
	5" Wire Ties, 278-1631	Pkg. of 30/1.99
	8" Wire Ties, 278-1642	Pkg. of 30/2.99
D	Cable Tie/Wire Marker, 278-1648	Pkg. of 10/2.49
E	Wire Tie Mounts, 278-441	Pkg. of 10/1.59



Cord and Cables

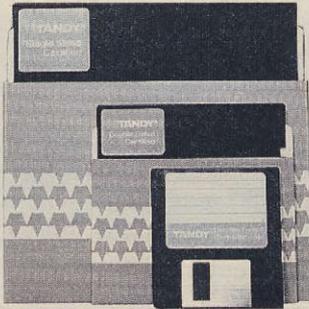
A	Flexible Cord Cover, 6': AC cord not included.	26-1379	13.95
B	Power/Phone Outlet, 6': UL listed.	26-272	44.95
C	Computer Power Cord, 6': 278-1257		3.99
	Power Cord Extension, 6': 278-1259		4.99
	Right-Angle Power Cord, 6': 278-1260		5.99
D	25-Cond. RS-232 Cable, (Ribbon) 5': 278-772		3.59
	36-Cond. Parallel Printer Cable, 6': 278-774		4.69
	9-Cond. Double-Shielded Cable, 278-775		59¢/Per Ft.
	25-Cond. Double-Shielded Cable, 278-776		1.19/Per Ft.



Protectors, Testers and Adapters

A	RS-232 Minitester, 276-1401	14.95
B	RS-232 Programmable Jumper, 276-1403	9.95
C	6-Position Modular-to-RS-232 Adapter, 276-1405	2.99
	8-Position Modular-to-RS-232 Adapter, 273-1406	4.49
D	Telephone Line Spike Protector, 43-102	12.95
E	Balun, 276-1410	16.95

SYSTEM SUPPLIES AND ACCESSORIES



3 1/2" and 5 1/4" 10-Packs in Protective Plastic Boxes

Double-Certified 3 1/2", 5 1/4" and 8" Diskettes

High-Density Double-Sided

Size	Tracks	Qty.	Cat. No.	Price
3 1/2"	(1.44 MB)	3	26-423	27.95
		10	26-424	69.95
5 1/4"	(1.2 MB)	3	26-421	9.95
		10	26-422	24.95

Single-Sided

Size	Tracks	Qty.	Cat. No.	Price
8"	77 (608KB)	10	26-4906	37.95

NEW! 3 1/2" Replacement Labels, 25 ea. in 4 colors. 26-244 Pkg. 100/2.95
 NEW! 5 1/4" Replacement Labels, 25 ea. in 4 colors. 26-245 Pkg. 100/2.95

Double-Sided

Size	Tracks	Qty.	Cat. No.	Price
3 1/2"	80 (720KB)	3	26-417	10.95
		10	26-418	27.95
5 1/4"	40 (360KB)	3	26-411	4.95
		10	26-412	12.95
	80 (720KB)	3	26-409	9.95
		10	26-410	24.95
8"	77 (1.2MB)	10	26-4960	39.95

Diskette Club



Whether you use 3 1/2" or 5 1/4" media, stop by and pick up your free Diskette Discount Card. The Card enables you to save 40% off the regular purchase price of any 3-pack of diskettes each month for a whole year!



Diskette Storage Boxes

Low As **12.95**

Disks not included

Dust-Free Protection

For 3 1/2" Disks. Holds 30. 26-1381 12.95
 For 5 1/4" Disks. Holds 50. 26-1362 14.95



Economy Boxes



Deluxe Boxes

(1) Disk Library Boxes

Disks not included

(1) Economy Boxes.

NEW! 3 1/2" Holds 3. 26-213 99¢

3 1/2" Holds 10. 26-273 1.19

NEW! 5 1/4" Holds 3. 26-216 99¢

5 1/4" Holds 10. 26-274 1.19

(2) Deluxe Boxes.

3 1/2" Holds 5. 26-1380 2/2.95

5 1/4" Holds 10. 26-1452 4.95

5 1/4" Holds 5. 26-1348 2.95

Disk File Envelopes

NEW FOR '90

795

Pkg. of 10

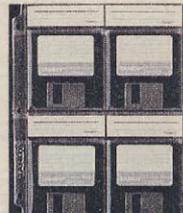
Disks not included

■ Protects Disks in 3-Ring Binder Envelope

■ Includes Labels

3 1/2" Holds 4. 26-1316 Pkg. 10/7.95

5 1/4" Holds 4. 26-1315 Pkg. 10/7.95



Disk Drive Clean Kits

Low As **2.39**

3 1/2" 15 cleanings. 26-253 7.95
 5 1/4" 15 cleanings. 26-408 7.95
 8" 15 cleanings. 26-4957 8.95
 3 1/2" Disposable Kit. 2 cleanings. 26-271 3.29
 5 1/4" Disposable Kit. 2 cleanings. 26-239 2.39
 Disk Drive Analyzer For Tandy 3000/4000 5 1/4" Drives. 26-217 29.95



Bernoulli Cartridges

For Use With Our Disk Cartridge Systems

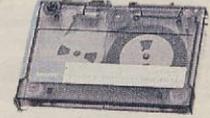
Size	Capacity	Cat. No.	Each
5 1/4"	20MB	26-221	99.95
8"	10MB	26-1372	99.95
8"	20MB	26-220	119.95

Bernoulli Cleaning Kit

For 5 1/4" DCS. 26-1382 79.95
 Refill for 26-1382. 26-1390 39.95

1/4" Data Tape Cartridges

Store Data Efficiently



System	Length	Type	Cap.	Cat. No.	Each
TCS-100	450'	DC300XLP	48MB	26-1391	34.95
TCS	307'	DC2120	60MB	26-246	37.95
TCS	205'	DC2000	40MB	26-218	32.95
SCSI Int.	600'	DC6150	150MB	26-204	44.95



Color Fanfold Paper

Letter Size
Color Pack. 100 ea.: blue, red, gold. 24-lb. 26-206 16.95
Pastel Pack. 100 ea.: blue, pink, ivory. 20-lb. 26-207 16.95

Hanging Binders **2.99** Keeps Reports Organized

For printout storage. With hanging hooks and steel wire posts.
14 7/8 x 11" Printout Binder. 26-211 2.99
9 1/2 x 11" Printout Binder. 26-212 2.99

Copier Paper & Toner

For EPC-150 Copier:
 NEW! Letter-Size Paper. 500 sheets. 88-2046 34.95
 Legal-Size Paper. 300 sheets. 88-2042 19.95
 NEW! Universal Liquid Toner. Six 1-qt. bottles. 88-2045 24.95
 For PPC-200 Copier:
 Dry Toner. 2 bottles. 88-2051 45.95

Customized Business Forms and Stationery

Radio Shack provides a complete selection of custom-designed business forms, stationery, envelopes and labels that are compatible with our computer systems. Place your order at your nearest Radio Shack Computer Center or Department today.



Fanfold Printer Paper

All items are high-quality, 1-part bond, not ground wood or recycled paper. Letter-size sheets (9 1/2 x 11") have "invisible" detachable, perforated margins. 20# bond sheets now use special superwhite, letter-quality paper. Choose from full carton, half-carton, or minipak. And you can feed paper directly into the printer from the carton.

Size	Design	Sheets	Weight	Brightness	Cat. No.	Each
9 1/2 x 11"	Blank	500	16# Hibulk	80	26-1423	11.29
9 1/2 x 11"	Blank	1250	16# Hibulk	80	26-276	27.95
9 1/2 x 11"	Blank	500	20#	88 Superwhite	26-1387	13.59
9 1/2 x 11"	Blank	1250	20#	88 Superwhite	26-1427	34.95
9 1/2 x 11"	Blank	2500	20#	88 Superwhite	26-277	62.95
9 1/2 x 11"	Greenbar	3500	16# Hibulk	80	26-1403	69.95
14 7/8 x 11"	Greenbar	1500	15#	80	26-278	44.95

Fanfold Labels

Width	Carrier	Qty.	Cat. No.	Each
1	4 1/4"	1000	26-1328	6.29
1	4 1/4"	5000	26-261	19.95
2	9 1/2"	2000	26-262	16.95
3	9 1/2"	3000	26-263	16.95

NEW! Clear Mail Labels. 26-247 500/19.95

NEW! EDP Labels. 250 ea. in 4 colors. 26-248 1000/8.95

NEW! White File Folder Labels. 26-281 1500/8.95

NEW! Color File Folder Labels. 375 ea. in 4 colors. 26-282 1500/9.95

NEW! Laser Printer Labels. 30 labels per 8 1/2 x 11" sheet. 26-299 750/7.95

Printer Roll Paper

Printers	Cat. No.	Each
CGP 115	26-1428	3/6.49
CGP 220	26-1333	3/10.95
TP 10	26-1332	2/5.49
PT 210/TRP 100	76-1003	6/29.95
PC 1	26-3506	6/2.29
PC 2	26-3606	6/3.19
PC 3/8	26-3592	5/2.49
PC 4/5/6	65-711	5/1.99
Quick Printer	26-1405	3/24.95
Quick Printer II	26-1412	2/6.95
LP I/II/IV/VII/200	26-1402	2/24.95
Plotter/Printer	26-1407	5.95

COMPUTER REFERENCE BOOKS



Programming Tools for MS-DOS

- Learning BASIC for Tandy Computers.** An excellent tutorial for learning BASIC programming by Dr. David Lien. 25-1500 . . . 19.95
- MS-DOS: The Basics, Vol. 1.** Describes set-up, preparing diskettes, managing files and using a hard disk. 25-1506 . . . 7.95
- MS-DOS: Advanced Applications, Vol. 2.** Covers file structure, controlling data flow, personalizing your system as well as troubleshooting. 25-1507 . . . 14.95
- MS-DOS/GW-BASIC Reference Guides.** Includes reference materials for MS-DOS and GW-BASIC 2.X and 3.X. 25-1508 . . . 29.95
- Graphics and Sound for the Tandy 1000.** Take full advantage of your Tandy 1000's graphics and sound potential. BASIC commands make your 1000 come alive with animation, 3-D graphics, sound effects and more! 25-1512 . . . 7.95
- Microsoft QuickBASIC.** Explains the special features of QuickBASIC and demonstrates practical applications. 900-1385 . . . 19.95
- Microsoft QuickC.** Advice, examples and options for making programs powerful, versatile and dynamic. 900-1386 . . . 19.95
- BASIC 09 Tour Guide.** A complete reference guide of system commands. Conveniently lists each BASIC 09 keyword in alphabetical order. 26-3189 . . . 14.95
- Rainbow Guide to OS-9 Level Two.** Covers OS-9 Level Two, BASIC-09 and the "window" manager. Written in the same friendly style as Rainbow Guide to OS-9. 26-3188 . . . 19.95
- Tandy 200 Book.** A complete step-by-step tutorial for your Model 200 laptop by Dr. David Lien. 26-3869 . . . 9.95
- Flowchart Template.** 26-254 . . . 2.49

Technical Reference Manuals

- Includes schematic diagrams and theory of operation.
- For Tandy 1000.** 25-1504 . . . 29.95
- For Tandy 1000 EX.** 25-1510 . . . 34.95
- For Tandy 1000 SX.** 25-1511 . . . 34.95
- For Tandy 1000 HX.** 25-1513 . . . 39.95
- For Tandy 1000 TX.** 25-1514 . . . 39.95
- For Tandy 1000 SL.** 25-1516 . . . 49.95
- For Tandy 1000 TL.** 25-1517 . . . 49.95
- For Tandy 1400 LT.** 25-1515 . . . 39.95
- NEW! For Tandy 3000 NL.** 25-4113 . . . 89.95
- NEW! For Tandy 4000 SX.** 25-4910 . . . 99.95
- For Tandy 4000.** 24-4108 . . . 99.95
- NEW! For Tandy 4020 LX/4025 LX.** 25-5110 . . . 99.95
- For Tandy 5000 MC.** 24-6108 . . . 99.95
- For Tandy 102.** 26-252 . . . 9.95

Reference Books

- Using WordPerfect 5.0** Learn the features of this super word processing program. 900-1227 . . . 24.95
- Using 1-2-3, Special Edition.** 900-1228 . . . 24.95
- NEW! Getting the Most Out of DeskMate 3.** Lots of hints, tips and ideas. 320 pages. 25-1254 . . . 21.95
- NEW! The Electronic Publisher.** Resource for publishers, typesetters and production staff. 900-1393 . . . 24.95
- NEW! Putting Microsoft Works to Work.** 900-1396 . . . 29.95
- NEW! Running Microsoft Excel.** 900-1397 . . . 24.95

VHS Tutorial Videos

- NEW! Using DeskMate 3 Videotape.** A visual way to learn about the popular DeskMate program. Informative and colorful video presents DeskMate in an easy-to-grasp, graphically oriented way. Shows you that you don't have to be a computer expert to fully use the DeskMate applications. VHS format. 25-1253 . . . 14.95
- NEW! Using Computerized Accounting Video.** 900-2704 . . . 19.95

General Interest PC Subjects

- NEW! Running MS-DOS.** 900-1381 . . . 22.95
- NEW! The Hard Disk Companion.** A "must" for anyone with a hard disk system. 900-1345 . . . 21.95
- NEW! Getting Started with PCs and Compatibles.** Tutorial approach for beginners, detailed techniques for experts. 900-1346 . . . 19.95
- NEW! Communications and Networking for the IBM PC and Compatibles.** Clear explanations and examples help you understand this complex topic. 900-1348 . . . 22.95
- NEW! The 80386 Book.** A clear, comprehensive and authoritative introduction to the 80386 chip. Covers the CPU, memory architecture, instruction sets, protection scheme, virtual memory system and compatibility. 900-1379 . . . 24.95
- NEW! Inside OS/2.** A solid programmer's introduction and analysis of OS/2 with thorough descriptions and explanations. 900-1382 . . . 19.95



Popular Titles from Peter Norton

- NEW! The New Peter Norton Programmer's Guide to the IBM PC & PS/2.** A must-have reference guide to the most up-to-date information. 900-1380 . . . 22.95
- NEW! Peter Norton's DOS Guide.** Easy to understand. 900-1344 . . . 19.95
- NEW! Peter Norton's Assembly Language Book.** Easy-to-use guide with diskette. 5 1/4", 905-1302 . . . 39.95
- NEW! Peter Norton's Inside the IBM PC.** The authoritative source for PC users. With diskette. 5 1/4", 905-1303 . . . 39.95

COMPUTER SYSTEM FURNITURE

Modular System Furniture

Complete Workstation (as shown)

399⁰⁰ Reg. Separate
Items 449.75

Low As \$23 Per Month*

Easy to Assemble



Simulated Oak Finish

- A System Desk.** 27 x 49³/₄ x 29³/₈" 26-1356 119.95
- B 3-Drawer Module.** Bottom drawer has letter/legal hanging file rails. 24¹/₄ x 16³/₄ x 19¹/₄". 26-1397 129.95
- C Storage Hutch.** 26-1359 59.95
- D Corner Section.** 26-1358 39.95
- E Printer Stand.** Large enough for wide-bed printers. Swing-down paper catch. 27 x 28¹/₂ x 19¹/₂". 26-1357 99.95

Omnium PC Caddy

299⁰⁰

Holds CPU,
Keyboard and
Monitor



Self-contained computer stand rolls to where you need it. Holds monitor, keyboard and CPU. 900-2184 299.00

CPU Security System

19⁹⁵

NEW LOW
PRICE!

Was \$24.95 in
Cat. RSC-20

■ Low-Cost
Theft
Deterrent



Mounting plates attach to desk and side of computer with special adhesive. No holes to drill. Includes combination lock. 26-1376 19.95

Acoustic Covers



Low
As **279⁰⁰**

Ring King Acoustic Covers for 132-Column Printers.

"Low-profile".
900-2188 279.00
"High-profile".
900-2189 349.00

Dust Covers

Equipment	Cat. No.	Each
Universal CPU w/Monitor	26-541	9.95
Universal Vertical CPU	26-552	5.95
Tandy 1000 EX/HX	26-543	4.95
Universal Color Monitor	26-548	4.95
DMP 130/132	26-536	4.95
DMP 105/106	26-530	4.95
DMP 107/133	26-549	4.95
DMP 300	26-550	4.95
DMP 442/2102	26-551	4.95
DMP 220/230	26-537	4.95

Complete Computer Workstation

Complete Workstation (as shown)

529⁰⁰

Reg. Separate
Items 589.70

Low As \$27
Per Month*

Easy to Assemble



- A Deluxe System Desk.** 28 x 48 x 29". 26-228 199.95
 - B Monitor Platform.** 26-233 59.95
 - C Keyboard Drawer.** 26-230 69.95
 - D CPU Tower.** 26-229 69.95
 - E Diskette Drawer.** 26-231 39.95
 - F Printer Stand.** Bottom-feed slot. 26-232 149.95
- Casters. Not incl. in system. Set of four. 26-1319 9.95

Workcenter Furniture Combo



Printer
Stand

59⁹⁵

Simulated
Oak
Finish

Printer Stand. Holds large 132-column printers. Adjustable 26³/₄ x 18¹/₂ x 21¹/₂". 26-242 59.95

Workcenter
Desk

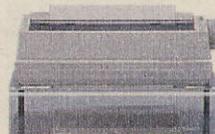
99⁹⁵

Easy to
Assemble



Computer Workcenter. Full-width monitor shelf (41¹/₂ x 14³/₄"). 34 x 43 x 23³/₄". 26-1350 99.95

Printer Platform



**NEW
FOR '90**

29⁹⁵

Elevates 80-column printer to place fanfold paper underneath. 26-1352 29.95

Stand With Tray

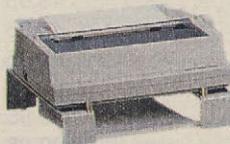
**NEW
FOR '90**

14⁹⁵

Easy to Assemble

Elevates 80 or 132-column printers. Paper tray stacks over 500 sheets of fanfold paper. 26-1392 14.95

Printer Supports



**NEW
FOR '90**

8⁹⁵

Easy to Assemble

Low-cost way to store fanfold paper under 80-column printer. 26-236 8.95

Copy Holder

**NEW
FOR '90**

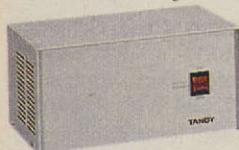
39⁹⁵



Docu-Rack® Holds pages in place. Fully adjustable for best viewing. 26-234 39.95
Docu-Rack/Reg. TM Tandy Corp.

COMPUTER SYSTEM ACCESSORIES

Standby Power System



379⁹⁵

Low As \$19 Per Month*

Guards Against Data Loss

BPS 250 (shown). 250 watts for 7 min. 3 outlets. UL listed. 26-250 379.95

SAFE Power Systems Model 500. 500 watts. 900-2150 795.00

SAFE Power Systems Model 1200. 1200 watts. 900-2151 1395.00



NEW FOR '90

Intelligent Power System

Elgar IPS 400+600 (shown). 400 watts for 5 min. 900-1683 699.00

Elgar IPS 1100. 1000 watts for 15 min. 900-1684 1295.00

Elgar LanSafe Cable for 3Com 3S/40X. 900-1699 49.00

Elgar UniSafe Cable for SCO XENIX. 3 1/2", 903-1681 99.00

Power Center & Controller



A

B

A 4-Outlet Computer Power Center. 3-way spike protection, 1-way filtration. With 15-amp circuit breaker. 6-ft. line cord. UL listed. 26-1365 39.95

B 6-Outlet Auto Power Controller. Turns on peripherals automatically. Full common and differential mode transient protection. 6-ft. cord. UL listed. 26-1396 69.95

Power Regulators

Low As

220⁰⁰

Low As \$15 Per Month*



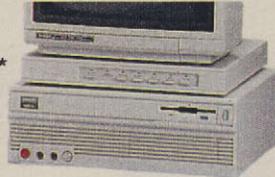
Shape Magnetronics PCLT 300 Power Regulator. 300 va. 900-2141 220.00

Shape Magnetronics PCLT 450 Power Regulator. 450 va. 900-2143 285.00

Power Switching System

99⁹⁵ Low As \$15 Per Month*

3-Way Spike Protection and Filtration



Turn five individual accessories on and off from the front panel. Rated 15A. Includes circuit breaker and 10-ft. line cord. UL listed. 26-203 99.95

Twin-Outlet Protector
18⁹⁵

Protects Computer and Monitor From Harmful Spikes and Line Noise



Provides common and differential mode transient protection. Rated 10A. With push-to-reset circuit breaker. UL listed. 26-1395 18.95

Keyboard Cover



7⁹⁵

Protects from harmful dust and spills. 17 5/8 x 6 1/4". "Smoke" styrene. 26-1336 7.95

Mouse Holder

NEW FOR '90

2⁴⁹



Keeps Mouse Handy

Attaches to side of monitor to hold mouse. 26-275 2.49

Mouse Pad
6⁹⁵



Smooth tracking surface. 9 3/8 x 7 7/8". 26-237 6.95

Monitor Platform



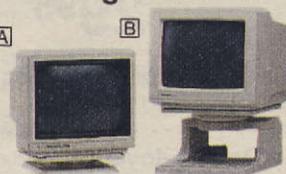
19⁹⁵

Designed to hold a monitor and disk drive for Tandy 1000 HX or Color Computer 3. Molded plastic. 5 x 20 7/8 x 4 7/8". Easy to assemble. 26-1329 19.95

Monitor Pedestal and Storage Pedestal

A

B



Adjustable for Better Viewing

A Universal Monitor Pedestal. Base measures: 11 x 10 1/4". 26-1369 16.95

B Monitor Storage Pedestal. 9 1/4 x 11 1/4" storage area. High-impact styrene. 26-267 49.95

Anti-Static Carpet Mats

NEW FOR '90

3 x 5'

Brown. 900-2316 59.95
Gray. 900-2317 59.95

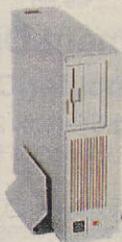
Anti-Static Chairmat

79⁹⁵

Clear textured vinyl. Cleats prevent slipping. 45 x 53" with lip. 900-2213 79.95

Universal Computer Floor Stand

29⁹⁵



Holds CPU in vertical position. Opens to 7 1/2" wide. 26-201 29.95

Cables for Above

Monitor Extension Cable (DB9). Shielded. 6-ft. 26-257 14.95
NEW! VGA Extension (DB15). Shielded. 6-ft. 26-255 24.95
90-Key Keyboard Extension. Shielded. 5-ft. 26-1389 14.95
NEW! 101-Key Keyboard Extension. Shielded. 5-ft. 26-256 14.95

Innova "Swinger" Monitor Platform

NEW FOR '90

49⁹⁵



Quickly Position Monitor for Best Viewing

Clamps to side of desk. Platform swivels 360° and pivot arm swings 360°. All-steel construction holds up to 25 lbs. Easy to assemble. 900-2285 49.95

Anti-Glare Screen



Before

After

Cuts Glare and Reflection **29⁹⁵**

Makes screen easier to see. Helps prevent eye strain. For Tandy color monitors (CM-1, 2, 4, 5, 10, 11 and EGM-1). Specially woven diagonal nylon mesh. Easy to install. 26-202 29.95

OUR VERSATILE COLOR COMPUTER 3®



SPECIFICATIONS. Microprocessor: 68B09E 8/16-bit. Clock Speed: 0.894 MHz or 1.788 MHz. Input/Output: 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms). Composite Monitor, and RGB Analog Monitor. Dimensions: 3 x 10 1/2 x 14 3/4". Power: 120VAC, 60 Hz. Certification: FCC Class B.

Ideal for the Whole Family

199⁹⁵

Low As \$15
Per Month*

- Produces Sharp, Crisp Graphs and Illustrations
- Displays 32 x 16 Text Using a TV, 40 x 24 or 80 x 24 With a Monitor

Monitor and platform not included

128K Extended BASIC Color Computer 3. Ideal for graphics, programming, budgets, word processing, database management, spreadsheet analysis and many other applications. Simply connect the Color Computer 3 to your TV and you're ready. Or attach a high-resolution monitor—like the CM-8 (below)—and you can create incredibly detailed charts and graphs in vivid colors. Compatible with most software and accessories designed for the Color Computer 2. UL listed AC. 26-3334 (TSP Available) 199.95



CM-8 RGB Analog Color Monitor. ① 80 x 24 text, 640 x 192 graphics. 13" diagonal screen. Built-in speaker with volume control. Includes cable. UL listed AC. 26-3215 299.95



FD-502 Color Thinline Disk Drive. Turn any Color Computer with Extended BASIC into a disk system. Write your own disk applications or add ready-to-run software. Plugs into the Program Pak port or Multi-Pak Interface. UL listed AC. 26-3133 299.95

Pistol Grip Joystick **NEW FOR '90**
29⁹⁵

Double buttons on stick and on base. Self centering. 26-3123 29.95

Deluxe Joystick
22⁹⁵
New Low Price
Was \$29.95 in RSC-20

Select "spring-centering" or "free-floating" for high accuracy. 26-3012 22.95

Hi-Res Joystick Interface
9⁹⁵

Lets you address higher-resolution graphics modes (up to 640 x 640). 26-3028, 9.95

Economical Joysticks
19⁹⁵ Pair

Double the fun! Fast 360° movement! Single-shot button. 26-3008 Pair/19.95

Disto Super Controller 2 **NEW FOR '90**
129⁹⁵

Floppy disk controller for FD-drives. Increases input/output speed. 900-2009 129.95

Deluxe Color Mouse
49⁹⁵

Simply "roll" across tabletop to position the cursor. Two buttons. 26-3125 49.95

Direct-Connect Modem Pak **89⁹⁵**
RS-232 Interface, Too

Transfer/receive ASCII files or access information services. 300 bps. 26-2228 89.95

1-Button Mouse
29⁹⁵

Great for fast-paced games. Simply roll across tabletop. 360° movement. 26-3025 29.95

Color Computer Upgrade Kits and Enhancement Options

Color Computer Kits and Upgrades

- 16K RAM Upgrade Kit.** ② 26-3015 29.95*
- Low-Profile Keyboard Kit.** ② 26-3016 24.95*
- 64K RAM Upgrade Kit.** ② Converts a 4K, 16K or 32K Color Computer. 26-3017 59.95*
- Second Drive for FD-502.** Requires installation (not included). 26-3135 179.95
- 512K Memory Board with 0K RAM.** ① 26-3336 39.95*
- 256K RAM Kit.** For 26-3336. Two required. 25-1079 149.95

Color Computer Operating Systems

- OS-9 Disk Operating System.** 26-3030 69.95
- OS-9 Level Two.** ① Supports 512K RAM and dual speed. 26-3031 79.95
- OS-9 Development System.** ① Complete editor and assembler with full-screen editing. Requires OS-9 Level Two. 26-3032 99.95
- Multi-Vue.** ① User-friendly graphics interface for Level Two programs. 26-3035 49.95
- Rainbow Guide to OS-9 Level Two.** Covers OS-9 Level Two, BASIC-09 and the "window" manager. Written in the same friendly style as Rainbow Guide to OS-9. 26-3188 19.95

Items Shown Are For Use With the Color Computer 2 or 3, except as indicated: ① Color Computer 3 only. ② Color Computer 2 only. *Installation Required (Not Included). Some Installations May Require Additional-Cost Hardware. OS-9/TM Microware and Motorola.

COLOR COMPUTER SOFTWARE



Choose From a Variety of Instant-Loading Program Paks

Entertainment

- NEW! ROBOCOP.** ☐ Being a "cop" has never been so challenging, so dangerous... and never so much fun. 26-3164 34.95
- NEW! Predator.** ☐ If it bleeds, we can kill it. An exciting game of hunting and being hunted. 26-3165 34.95
- NEW! Mind-Roll.** A 3-D game of speed and dexterity. 26-3100 34.95
- NEW! RAMPAGE.** ☐ Go ahead... lose your temper, smash a skyscraper, trash a city. Go on a rampage! 26-3174 34.95
- NEW! Arkanoid.** Space is a deadly place. They've destroyed your planet and now they're coming after you! Requires joysticks. 26-3043 34.95
- Tetris.** The irresistibly addictive Soviet Challenge! 26-3163 29.95
- GFL Championship Football II.** ☐ In-the-helmet perspective puts you down on the field. Joysticks required. 26-3172 29.95
- Silpheed.** Become the ace pilot to save your home planet. 26-3054 29.95
- Castle of Tharoggad.** ☐ Storm the treacherous castle to explore its dangerous 3D maze. Requires joysticks. 26-3159 29.95
- Soko-Ban.** Strategy maze game with 50 levels. 26-3161 29.95
- A Mazing World of Malcom Mortar.** ☐ Break down the maze and brick up the monsters! 26-3160 29.95
- Rad Warrior.** ☐ Stop the nasty mutant aliens. 26-3162 29.95
- Downland.** Explore a secret cave. Requires joysticks. 26-3046 19.95

- Thexder.** ☐ Intrude into the huge underground fortress. 26-3072 .. 24.95
- Dungeons of Daggorath.** You're pitted against an assembly of awesome beasts and cruel monsters. 26-3093 29.95
- Shanghai.** ☐ Mah Jongg—the 3,000-year-old obsession of sailors, warriors, scoundrels and kings. 26-3084 24.95
- Color Baseball.** Now you can play America's grand old sport! Requires joysticks. 26-3095 19.95

Home Education Software

- Math Tutor.** Builds skills in addition, subtraction, multiplication, fractions, decimals and percents. Grades 1-6. 26-3148 24.95
- Type Mate.** Learn to type! Monitor progress through graphs for individual fingers, each hand and both hands. 26-3155 24.95

Home Productivity Software

- Color SCRIPSIT® II.** An easy-to-use word processor. 26-3109 29.95
- Color File II.** Store, retrieve and use various types of important data, such as addresses, warranties and personal records. 26-3110 24.95
- Personal Finance II.** An easy-to-use household budget program. Review your expenditures on a monthly or yearly basis. 26-3106 29.95
- Spectaculator™.** Do your planning, forecasting and problem solving with this "electronic spreadsheet." Just enter numbers and formulas. 26-3104 29.95

The Best in Disk-Based Color Computer Software Packages

Entertainment

- King's Quest III.** ☐ Discover the wizard's secret spells, and use his magic to free yourself from his thrall in this 3-D graphic adventure from Sierra On-Line. Requires 512K. 26-3285 34.95
- Flight Simulator II.** ☐ Put yourself in the pilot's seat of a Piper Cherokee and head for the skies! High-speed color 3D graphics provide a spectacular panoramic view. 26-3242 34.95
- Sub Battle Simulator.** ☐ Direct one of six WWII U.S. Navy Subs or German Kriegsmarine U-Boats in this exciting game of encounter in the Atlantic. Requires joysticks. 26-3272 29.95
- The Interbank Incident.** Secret agents try to regain control of a lost satellite! Requires 64K and joysticks. 26-3296 29.95
- Rogue.** ☐ Face unpredictable monsters, ever-changing magic and hidden dangers. It's never the same game twice! 26-3297 29.95
- Koronis Rift.** ☐ Take part in a daring raid to claim the exotic technologies of a magnificent ancient civilization! 26-3298 29.95
- Rescue on Fractalus.** ☐ As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. 26-3299 29.95
- Zone Runner.** ☐ You're an interstellar trade merchant and crackerjack space pilot. Keep an eye out for patrols, pirates, escorts and mines! 26-3286 29.95

Home Education

- Where in the World is Carmen Sandiego?** ☐ Pursue diabolical thieves in an international chase in great cities. 26-3243 34.95
- Microscopic Mission.** ☐ Pilot a microscopic probe through a human body from the leg to the brain. 26-3271 29.95
- New Low Price! Winnie the Pooh.** Improves map skills, reading ability, logical thinking. Was \$34.95 in RSC-20. Requires 64K. 26-3244 ... 14.95
- New Low Price! Donald Duck's Playground.** Match shapes, colors, letters. Was \$34.95 in RSC-20. Requires 64K and joysticks. 26-3245 14.95
- New Low Price! Mickey's Space Adventure.** Help repair the shattered "memory crystal". Was \$34.95 in RSC-20. Requires 64K. 26-3247 24.95

Productivity

- Color Computer DeskMate.** Includes word processing, spreadsheet, files, paint and more. Requires 64K. 26-3259 59.95
- Phantomgraph.** ☐ Turn numerical data into easy-to-understand graphs and charts. 26-3276 39.95
- Home Publisher.** ☐ Turn your computer into a personal printing press for professional-looking results every time. 26-3273 39.95
- The Color Computer Artist.** ☐ A picture editor for the Color Computer 3. Select features from menu icons. 26-3277 29.95

THE EVER-POPULAR TANDY 102 LAPTOP



Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 32K ROM; 32K RAM. **Keyboard:** Full-size 56-key typewriter-style with embedded 10-key datapad, plus 8 programmable function keys. **Display:** 40 x 8 Liquid Crystal Display, upper and lower case ASCII characters. 240 x 64 dot-matrix graphics. **Modem:** Built-in FCC-registered direct-connect modem with auto-dialer. 300 bps. **Input/Output:** Parallel printer interface. RS-232C serial communications interface. Cassette tape interface. Standard bar-code reader interface. **Dimensions:** 1 1/2 x 11 7/8 x 8 1/2". **Weight:** 3 lbs. **Power Supply:** Up to 20 hours on 4 "AA" alkaline batteries or optional UL listed AC power supply. Internal rechargeable nickel-cadmium battery will maintain memory intact for up to 30 days with power off. **Certification:** FCC Class B.

Our Famous Portable Comes With 32K of Memory Built In

59900 Low As \$30 Per Month*

- All-Time Favorite of Journalists and Busy Traveling Executives
- 40-Character x 8-Line Display
- Five Built-In Management Programs
- Self-Contained Direct-Connect Modem
- Full-Size Typewriter-Style Keyboard Makes Typing Easy

Tandy 102. Use 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. And you can write your own programs in BASIC. Fits in your briefcase—only 1 1/2" high and weighs just 3 lbs. With interfaces for printer, RS-232C, cassette and bar code reader. Requires four "AA" batteries. 26-3803 (TSP) 599.00

Handy Portable Computer Accessories

Acoustic Coupler 2

Fits Square or Round Handsets
Telephone handset not included



Ideal for use when direct phone connection isn't possible. 26-3818 59.95

Add a Disk Drive!

Expand the Power of Your Computer With an External Drive



Portable Disk Drive 2. Store 200K of data on a 3 1/2" floppy. Requires 4 "AA" batteries or AC Adapter (not incl.). 26-3814 219.95

Computer Cassette Recorder

5995 Computer Starts/Stops Recorder Automatically



CCR-81. Ideal for loading and saving your own programs and data on cassette tapes. Automatic Level Control. Battery/Record LED indicator. 10 1/2 x 5 3/4 x 1 3/16". Includes cable. UL listed AC operation or four "C" batteries (not included). 26-1208 59.95

Computer Cassette Tapes

For Data Storage

Deluxe C-20 Cassette Tape. 26-308 3.79
C-20 Tape. 26-301 . . . 2.79
C-10 Tape. 26-302 . . . 1.89
Cassette Labels. 44-621 . . . Pkg. of 24/99¢
Cassette Cleaning Kit. 44-1163 3.99



Everything to Complete Your System

AC Adapter. UL listed. 26-3804 6.95
Printer Cable. 26-1409 14.95
Modem Cable. 26-1410 19.95
Soft Carrying Case. 26-3811 32.95
Tandy 102 Technical Reference Manual. 90 pages. 26-252 9.95
TouchBase Systems WorldPort 1200 Portable Modem. Battery-powered 300/1200-bps modem for laptop users. Only 4 x 2 1/2 x 1". Bell 212A/103, CCITT V.22 and Hayes compatible. 900-704 199.00
TouchBase Systems WorldPort 2400 Portable Modem. Same as above, but V.22 bis for 2400 bps. 900-2207 299.00

Portable Computer Software

SCRIPSI® 100. Advanced word processor for Tandy 100/102. 26-3830 39.95
Traveling Software TS-DOS. A complete operating system for Model 100/Tandy 102 Portable Disk Drive. Save and load files directly in TEXT and write BASIC programs that access files on disk. 900-702 69.95

PC-6 Pocket Scientific Computer



11995 Low As \$15 Per Month*

Pocket Scientific Computer PC-6. An ideal tool for engineers and students. Performs up to 65 scientific calculations—or write your own programs in BASIC or assembly language. 24-character LCD. 8K RAM. Folds up to only 3/4 x 2 3/4 x 5 5/8". Includes battery. 26-3672 119.95

8K RAM Module. For 16K total memory. 26-3674 19.95

PC-4/5/6 Printer. Requires 26-3671 cable. 26-3652 99.95

Thermal Printer Paper. 1 1/2" x 8 1/2". Pkg. of 5/1.99 65-711

PC-5/6 Cable. 26-3671 16.95

Cassette Interface. Requires 26-3671 cable. 26-3651 39.95

Replacement Lithium Battery. Requires 2. 23-162 Each 1.99

CALCULATORS/DATABANKS

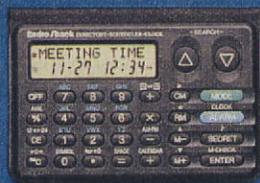
Digital Appointment Calendar/Data Bank



99⁹⁵ Low As \$15 Per Month* **Keep Track of Appointments**

Radio Shack EC-319. Calendar feature keeps track of your appointments. Data bank files and retrieves information. 32K memory storage. 65-932 (TSP Avail.) 99.95

Data Directory/Scheduler with Clock/Alarm



NEW FOR '90 **39⁹⁵** Only 2⁵/₈ x 4¹/₄" and 1/4" Thin!

Radio Shack EC-323. Loaded with features! Has clock, calendar, calculator, alarm function and telephone directory and more. 65-937 (TSP Available) 39.95

Multi-Featured Data Bank Scheduler, Organizer with 64K Memory

NEW FOR '90

219⁹⁵

Low As \$15 Per Month*

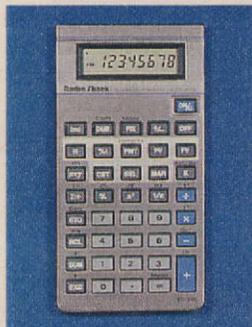
An Indispensable Personal Management Tool for Business Executives

Radio Shack EC-345. Massive memory, wide display, and world time function make the EC-345 perfect for traveling or for use in the home or office. Telephone directory holds 3000 names and numbers for easy reference. Schedule has timetable display and alarm to signal important appointments. With business card library, memorandum and more! Can be linked to your PC with optional, special-order (CMC) interface. 65-945 (TSP Available) 219.95

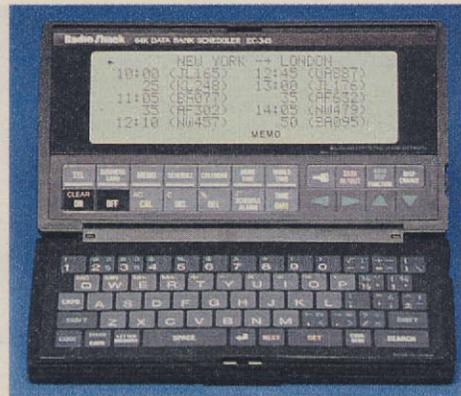
Business and Financial Calculator

34⁹⁵

One Button Solutions For Mortgages, Investments and More



Radio Shack EC-5100. Has built-in formulas for mortgages, lease buy options, investment yield and full statistical functions. With 175-page manual, billfold case and batteries. 65-875 (TSP Available) 34.95



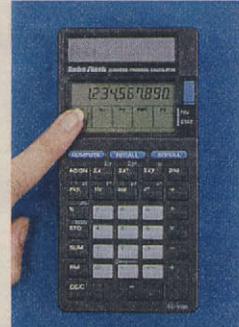
Calendar—199 Yrs., 2 Months Per Display
Clock—Home Time Plus 120 Preset Cities
Telephone Directory—Up to 3000 Entries
Calculator—12 Digits, Percent, Memory
Memory—Approx. 62,000 Characters

Touch-Screen Financial Calculator

NEW FOR '90

49⁹⁵

Solar-Powered



Radio Shack EC-5500. Just a touch on the LCD display accesses a preprogrammed function: Choose from 10 financial and 10 statistical formulas. With 123-page guide. 65-880 (TSP Available) 49.95

12-Digit Fluorescent With 2-Color Printing

79⁹⁵

- Control for Print, Item-Count Print, And Nonprint
- Prints Subtractions in "Stand Out" Red
- Stamps Tape with Date or Key Number



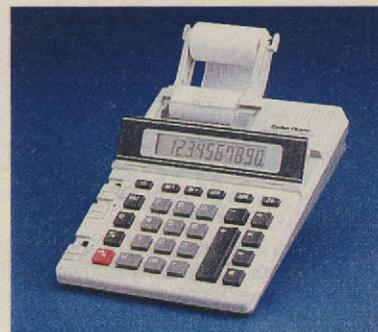
Radio Shack EC-3015. For professional results! Perfect for the home and office. Prints subtractions in "stand-out" red. Features 4-key memory, decimal point selector, round-off, last-digit correction, percent, change-sign and double "0" keys. Includes sample paper roll. UL listed AC. 65-970 (TSP Available) 79.95

10-Digit Printer with Tilting LCD Display

NEW FOR '90

49⁹⁵

- Tilt Display for Optimum Viewing
- Choose Between Battery or AC Operation
- Extra-Large Digits



Radio Shack EC-2014. Full-featured printing portable with extra-large, easy-to-read digits. Includes 4-key memory, display-only and display/print modes, decimal place selector and rounding switch. Uses standard paper rolls. Requires 4 "AA" batteries or AC adapter. 65-966 (TSP Available) 49.95

ELECTRONICS TO KEEP YOU IN TOUCH



Electronic Phone Amplifier System

DUōFONE® 102. Enjoy hands-free, two-way conference calls. High-speed automatic talk/listen switching. Privacy button. 2 x 6³/₄ x 3¹/₄". Phone line powered. Jack for AC adapter for use on low-current phone lines.
43-292 (TSP Available) 39.95

Hands-Free Telephone Headset

DUōFONE® 129. A must for anyone who needs to keep their hands free during phone conversations. Features headset/handset switch and amplifier module with volume control. Works on most phones with modular handset cord. LED battery test indicator. Requires four "AA" batteries.
43-172 (Available 10/30/89) (TSP Available) 49.95



A Budget-Priced 2-Station Intercom

Just plug in and talk. Call-tone lets you alert the other station. Locking talk-bar for continuous monitoring. Volume control and power-on indicator. Add another pair anytime to expand. Hanger slots for wall mounting. 17¹/₈ x 5⁷/₈ x 4". UL listed AC.
43-207 (TSP Available) 39.95

B Wireless 3-Station Intercom/Monitor

Talk between any three areas. No wiring necessary—just plug each station into an AC outlet at the desired location. With 3-channel operation. Locking Talk-bar is great for hands-free conversation or continuous monitoring. 15⁵/₈ x 5¹³/₁₆ x 4¹/₈". UL listed AC.
43-218 (TSP Available) 3/99.95



End Misspellings with SPELL CHECKER— Fits Pocket or Purse!

NEW FOR '90

- Checks the Spelling of 88,000 Words
- With Vinyl Pouch

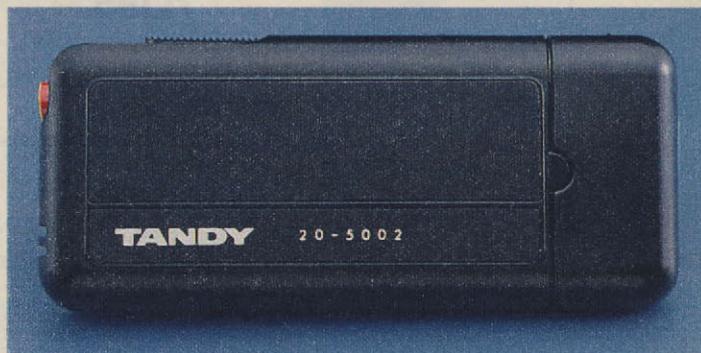
An 88,000-word pocket spell checker. SPELL CHECKER also identifies 15,000 of the most commonly-misspelled words (based on phonetics). Includes three word games: Crossword Puzzle, Hangman, Scrabble. With membrane key pad. 3⁷/₈ x 2¹/₂ x 5¹/₃₂".
63-676 (TSP Available) 49.95

Affordable "Beeper" for Busy Executives & On-the-Go Families!

Tandy® Personal Pocket Pager

99⁹⁵ Low As \$15 Per Month* Paging Service Fee Extra

When you need to stay in touch but can't stay by the phone, the Tandy pager is the only answer! Perfect for active families. When your exclusive local phone number is dialed, your pager is automatically activated and "beeps" to tell you to call in for the message. If you can't be interrupted, the "silent paging" mode will store the "beep" in memory until you check it—ideal for meetings or church. One of the smallest available—just 1/2" thin. Clips to your belt or pocket. It's so lightweight, you might forget it's there—until you don't miss that important phone call! With type 675 HP batteries. FCC registered.



CELLULAR MOBILE TELEPHONES

Portable Handheld Cellular Phone

NEW LOW PRICE! **79900****

Charging accessories extra

- 1½ Hours Talk Time
- Recharges in One Hour
- Lightweight—Less Than 28 Ounces

Low As \$40 Per Month*

Was \$1499.00 in Cat. RSC-20

Radio Shack CT-301. A full-featured portable cellular that lets you make and take calls almost anywhere you go! Has 832 channels, 600 milliwatt power output. Requires Charging Stand, plus AC Adapter or Mobile Mounting Kit. 17-1050 (TSP Avail.) 999.00

Extra Rechargeable Battery Pack. 17-604 64.95

Charging Stand. 17-602 64.95

Mobile Mounting Kit. 17-603 24.95

AC Adapter. UL listed. 273-1653 19.95

Handsfree/Data Interface. 17-601 CMC 69.95*



Our Lowest-Priced Mobile Phone

NEW FOR '90

49900**

Mobile antenna extra

- All Controls Located In Handset
- Make Calls Without Lifting Handset

Low As \$25 Per Month*

Tandy CT-102. Affordable full-featured cellular phone. 832 channels, hands-free, 3-watt. 17-1076 (TSP Available) 699.00

NEW! Wiring Harness. 17-705 CMC 39.95*

NEW! Horn Alert Kit. 17-704 CMC 39.95*

NEW! PC/Fax Interface. 17-504 CMC 69.95*

NEW! Radio Mute Switch. 17-801 34.95



"Car or Carry" Transportable

NEW LOW PRICE! **79900****

Mobile antenna and Portable Adapter extra

- Quickly Converts To Transportable

Low As \$40 Per Month*

Was \$999.00 in Cat. RSC-20

Radio Shack CT-201. 832 channels, 3-watt power output. 17-1005 (TSP Available) 999.00

AC Charger. UL listed. 17-202 19.95

Rechargeable Battery. Two required. 23-181 Each 9.95

Handsfree/Data Interface. 17-501 CMC 69.95*

Data Cable Kit. 17-502 CMC 19.95*

Extension Handset. 17-402 CMC 199.95*

Horn Alert Kit. 17-503 CMC 39.95*



Portable Adapter Pack. With DC adapter/charger, antenna, strap. Batteries extra. 17-203 . . . 119.95

Cellular Mobile Antennas

Magnet-Mount. 3 dB gain. 17-302 24.95

No-Hole Trunk-Mount. 3 dB gain. 17-303 59.95

Glass-Mount. 3 dB gain. 17-304 49.95

High-Gain Glass-Mount. 5 dB gain. 17-305 64.95

Roof Mount. 3 dB gain. 17-306 24.95

NEW! High-Gain Portable. 3 dB gain. 17-307 29.95

NEW! Clip-On Glass-Mount. 5 dB gain. 17-308 69.95

Service and Support

Radio Shack cellular telephones give you an extra edge in business as well as personal communication. And Radio Shack makes it so easy! We handle all start-up paperwork and program your phone right in the store. All of our cellular phones are backed with our One-Year Limited Warranty that's honored nationwide. And should service be required, it's available through any of the 7000 Radio Shack stores and dealers from coast to coast. Ask a salesperson about which Radio Shack cellular phone is right for you.

*REVOLVING CREDIT AVAILABLE—See Page 3. **Special Price Requires 90-Day Minimum New Activation With Radio Shack Authorized Cellular Phone Carrier (Price Without Activation: #17-1050—\$999.00, #17-1076—\$699.00, #17-1005—\$999.00). *Available on Special Order.

WE ANSWER YOUR TELEPHONE NEEDS

Lowest-Priced System



Telephone System 202

System 202. A feature-packed system designed for both home and business use. Includes Call Transfer, Conferencing, "Flash" button and Switchable Touch-Tone/pulse dialing. Intercom feature lets you communicate with other stations. Installation is as easy as plugging in the equipment.

Cabinet. 36-1005 249.00
Adapter. 36-1010 79.95
Phone. 36-1011 129.95

Cost-Efficient Business Telephone Systems



Over Fifty
Standard
Features
Plus Options

Tailor a
Phone System
To Fit Your
Needs and
Your Budget

Telephone System 301

- Prints a Record of All Calls (Optional)
- User-Installable and Cost-Efficient

Radio Shack System 301. Many standard features plus options that let you customize this user-installable system to fit your specific needs. System 301 accommodates eight stations and up to three outside lines. Visit any Radio Shack Computer Center and learn which features are right for you.

Cabinet. 36-2600 475.00
Phone. 36-2606 160.00

Telephone System 501

- Computerized Telephone Reliability
- Ideal for New and Growing Businesses

Radio Shack System 501. Many standard features that can be customized to accommodate your specific telephone system needs. Perfect for new and growing businesses. This phone system with high-tech styling accommodates ten stations and up to five outside lines.

Cabinet. 36-2601 950.00
Phone. 36-2606 160.00

Speakerphones for Home and Office

Two-Line/Line Status



**NEW
FOR '90**

199⁹⁵

Low As \$15
Per Month*

Available October 30, 1989

40-Number Memory



**NEW
FOR '90**

99⁹⁵

Low As \$15
Per Month*

DUōFONE 185. The perfect phone for offices or families who want memory and redial convenience at home. And there is even an appointment alarm to remind you of important dates. Includes "flash" button and convenient LCD display for time, number dialed and length of call. UL listed AC. Memory backup requires 2 "AA" batteries.

43-611 (TSP Available) 99.95

Hands-Free Headset Telephone



**NEW
FOR '90**

49⁹⁵

Available
October 15, 1989

DUōFONE-151. If you need to talk on the phone and keep your hands free, this headset is for you! Our headset with adjustable microphone is so light you'll hardly notice that you're wearing it! Comfortable earpiece can be worn on either side of the head. Hold button with LED indicator. Touch-Tone/pulse dialing. Belt clip. Ringer control and slide volume. 43-590 (TSP Available) 49.95

SWITCHABLE and PROGRAMMABLE TOUCH-TONE/PULSE dialing phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary-dial) lines, you can still use services requiring tones, like long-distance systems and computerized services. TOUCH-TONE phones give you access to services requiring tones, but do not function on pulse (rotary-dial) lines. ROTARY/PULSE-SIGNALING phones work on both rotary-dial and Touch-Tone lines but do not produce the tones needed to access the above services / Not for coin or party lines / All phones FCC registered / Parts and service available through any Radio Shack. Telephones, Telephone Systems and DUōFONES Are FCC Registered. Not for Coin or Party Lines.

AFFORDABLE MULTI-FEATURE PHONES

Programmable Telephone System

199⁹⁵ Per Station

Low As \$15 Per Month*

Includes
Four Lines
And Built-In Intercom

- Stores Up to 20 Telephone Numbers for Quick, Easy Dialing
- Speakerphone Gives You Convenient "Hands Free" Calling

System 412. The perfect multiline phone system for any home or office. Built-in station addressable phone-line intercom lets you talk with other stations on the system, no extra wiring required. With paging, line status, auto redial, line lock and do not disturb. Backup requires 9V battery. 43-460 (TSP avail.) 199.95/Per Station



NEW FOR '90

Line Lock Feature for Private Conversations
Available October 30, 1989

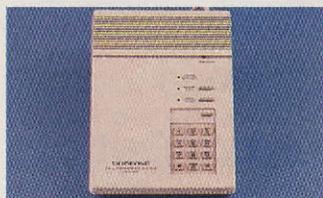


Two-Line Cordless Phone with Memory

159⁹⁵ Low As \$15 Per Month*

Auto-Dial Up to 30 Numbers

Radio Shack ET-422. Great for small businesses and homes. Features 30-number memory, one-touch redial and selectable Touch-Tone or pulse dialing. Line-status indicator and hold button. UL listed AC. Desk/Wall mountable. 43-560 (TSP avail.) 159.95



Remote Control Forwarding System

99⁹⁵ Low As \$15 Per Month*

Beeperless Remote Operation

DUOFONE CFS-200. Never miss another important call. CFS-200 automatically forwards incoming call on line-1 to any other number you choose on line-2. Backup requires 6 "AA" batteries. Requires 2-line phone service. 43-155 (TSP available) 99.95



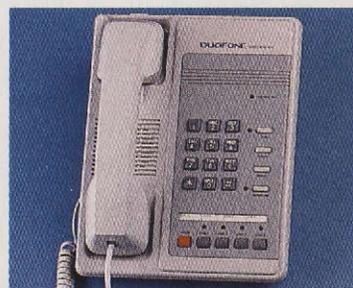
Computerized Phone Accounting System

99⁹⁵ Low As \$15 Per Month*

Keeps an Up-to-Date, To-the-Minute Record of Phone Use

DUOFONE CPA-1000. Plugs in on your phone line to provide an easy-to-read, detailed printout of all incoming and outgoing calls. Automatically prints month/day/year, time and length of each call. Prints account numbers and numbers dialed. UL listed AC. Backup requires 4 "AA" batteries.

43-152 (TSP available) 99.95



Four-Line Telephone System

NEW FOR '90 **149⁹⁵**

Per Station

Low As \$15 Per Month*

Available October 30, 1989

- Built-In Phone-Line Intercom Lets You Talk With Other Stations—No Additional Wiring Needed
- Switchable Touch-Tone/Pulse Dialing Allows Use on Any Phone Line

System 411. Ideal for any home or small business. Features include individual line ringer controls that let you select which line will ring at each station, and LED line-status indicators that show ringing, on-hold and in-use at all stations. Includes automatic redial, a do-not-disturb function and hold button. Use the "flash" feature with services like Call Waiting. Intercom allows paging of all units and private conversation between stations. Backup requires 9V battery. 43-456 (TSP available) 149.95/Per Station

NEW! DUOFONE 406. Four-line telephone system features hold button, line-select button, and more! 43-453 (TSP avail.) . . 119.95



Two-Line Auto-Dial Phone/Intercom

99⁹⁵ Per Station
Low As \$15 Per Month*

- Expands to Five Stations
- Built-In 2-Way Intercom

System 208. For small business and homes with adult/kids lines. Built-in 2-way intercom lets you page then talk privately with another station. Memory stores and dials up to 20 numbers of up to 16 digits. Includes hold button, line status, "flash" button and programmable Touch-Tone or pulse dialing. UL listed AC adapter. Requires 2 "AAA" batteries for backup. 43-616 (TSP available) 99.95

TANDYFAX™ COMMUNICATES FAST



Send and Receive Crisp,
Legible Copies In Seconds

NEW LOW PRICE!

1099⁰⁰

Lease for Only
\$40 Per Month*

Was \$1299.00 in RSC-20

- Maintains and Prints a Record Of All Transactions
- Also Makes Copies—Doubles As Your Own Convenient Personal Copier
- Programmable Security Password Assures Confidentiality of Your Polled Transmissions

TANDYFAX 1000. Now you can eliminate expensive courier and express charges—the TANDYFAX 1000 facsimile machine enables you to send and receive crisp, legible copies of important documents instantly, across town or around the world! Simply connect the TANDYFAX 1000 to a rotary or tone phone line, and you're ready to send and receive letters, contracts, spreadsheets and other data—even line-art graphics and photos. Includes a built-in 24-hour timer for after-hours transmission and polling. Built-in phone has 70-number memory. "Turn-around" polling feature lets you send and receive documents on the same call.

43-1200 (TSP avail.) 1099.00

Replacement 8 1/2" x 98' Thermal Paper Roll. Quality discounts with purchase of as little as 6 rolls. 43-1260 7.79

SPECIFICATIONS. **Compatibility:** CCITT Group 3 (MH, MR)/Group 2, MWS (White Line Skip). **Resolution:** Horizontal G3 203 LPI, G2 98 LPI; Vertical—G3 391 LPI (SUPER-FINE), 196 LPI (FINE), 98 LPI (STD), G2 98 LPI. **Automatic Document Feeder:** Max. 5 sheets. **Transmission Speed:** 17 seconds per average document. **Document Size:** Max. 8.7 x 39.4" (with operator assistance), Min. 5.8 x 2.9". **Scanning Width:** G3: 8.19"; G2: 8.07". **Recording Method:** Thermal. **Paper Size:** 8.5" x 98' (paper roll). **Modem Speed:** 9600/7200/4800/2400 bps with automatic callback. FCC registered. UL listed AC. **Size:** 5 x 12 1/2 x 12" (excluding projections). **Weight:** 13 lbs. (6 kg).

Phone Answerers Keep You in Touch Even When You're Out



Remote Control
Answerer/
Telephone

179⁹⁵

Low As \$15 Per Month*

- Beeperless Remote Control
- Voice-Activated Recording

DUÖFONE TAD-252. Features Touch-Tone remote to check incoming messages and control all major functions from a Touch-Tone phone. VOX and CPC save tape space and playback time. Also has call-monitor, 2-way recording, room-monitor, remote turn-on and toll-saver. Switchable Touch-Tone/pulse dialing. Speakerphone for 2-way hands-free conversations. Memory stores 20 numbers. 3 1/4 x 7 1/2 x 9 1/4". Includes CR 2032 battery for memory backup. UL listed AC. 43-395 (TSP available) 179.95

Answerers with Beeperless Remotes



139⁹⁵
Each

Low As \$15
Per Month*

**Both Have Touch-Tone
Remote With Security
Code**

A DUÖFONE TAD-330. If both lines ring, first caller is greeted by your personal message and the second by a digital voice announcement. UL listed AC. 43-397 (TSP available) 139.95

B NEW! DUÖFONE TAD-440. This advanced answering machine has the features you demand. With digital voice time/date stamp so you'll always know when messages were received. UL listed AC. 43-400 (TSP available). (Avail 11/30/89) 139.95

TANDY PORTABLE WORD PROCESSORS



NEW FOR '90

WP-100 Printing Wordprocessor

59995 Low As \$30 Per Month*

Available 10/30/89

NEW FOR '90



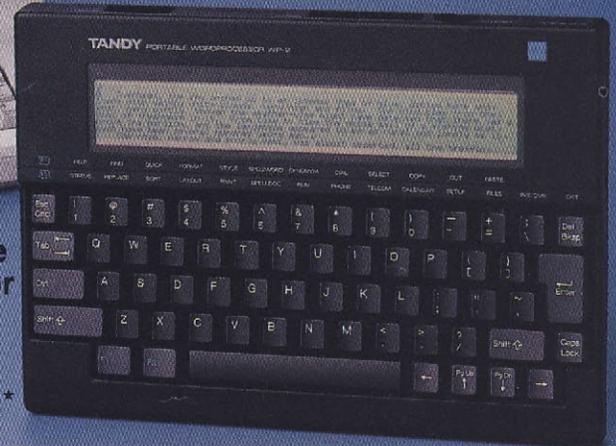
Folds For Carrying

WP-2 Portable Wordprocessor

34995

Low As \$18 Per Month*

Available 10/30/89



Type, Correct & Print Perfect Copies

WP-100 Wordprocessor. All you need to produce crisp, letter-quality reports and correspondence—in one self-contained unit. And it's so easy! First, enter your text on the full-size keyboard. Before printing your work on the built-in daisywheel printer, you can review your text line-by-line on the 80-character by 8-line display. The WP-100 will even proof your work against a built-in 50,000-word spelling dictionary! Move, copy or delete words, sentences or entire paragraphs with just a few keystrokes. Save your work on mini-diskettes for updating at any time. With Courier 10 printwheel and 2.8" diskette. UL listed AC. 26-3950 (TSP available) 599.95

WP-100 Accessories

- 100,000-Character 2.8" Diskette.** 26-3951 Pkg. 2/16.95
- Single-Strike Ribbon.** (90K characters) 26-3952 9.95
- Lift-Off Correction Tape.** (For 26-3952). 26-3953 3.95
- Multi-Strike Ribbon.** (150K characters) 26-3954 11.95
- Cover-Up Correction Tape.** (For 26-3954). 26-3955 6.95

Printwheels Add Style to Your Work! Only \$16.95 Each

Font	Catalog No.	Font	Catalog No.
Courier 10	26-3956	Courier 12	16-3957
Pica 10	26-3958	Script 12	26-3960
Letter Gothic 10/12	26-3959	Prestige Elite 12	26-3961

SPECIFICATIONS. Memory: 32K (24K for text). Display: 80 x 8 "supertwist" Liquid Crystal Display. Disk Drive: 100K 2.8" disk drive. Keyboard: 70 key. Print Speed: 13 cps. Weight: 18 lbs. Power: UL listed AC.

Battery-Operated Unit Goes Anywhere

WP-2 Wordprocessor. From board room to corporate jet, library to home office, you can take notes, prepare reports and write memos in style. The jet-black case houses a 100,000-word spell checker and 200,000-word thesaurus—you're never at a loss for words! The full-size keyboard lets you cut, paste, search, replace, center and justify your text with just a few keystrokes. Easily connects to Tandy or other IBM-compatible printers. Or add an optional modem and transfer your files to your personal computer by phone. Only 1" thin. 26-3930 (TSP available) 349.95

WP-2 Accessories

- AC Adapter.** UL listed. 26-3804 6.95
- Internal 32K RAM Expansion.** Stores an extra 32,000 characters. Installation recommended (not included). 26-3932 49.95
- "IC Card" 32K RAM Expansion.** Stores an extra 32,000 characters. Plugs into left side of WP-2. 26-3931 119.95
- Portable Disk Drive 2.** Uses 3 1/2" 200K disks. Requires 4 "AA" batteries or AC adapter. 26-3814 219.95
- CCR-81 Computer Cassette Recorder.** UL listed AC or 4 "C" batteries (not included). 26-1208 59.95
- TouchBase 1200-bps Portable Modem.** 900-704 199.00
- TouchBase 2400-bps Portable Modem.** 900-2207 299.00
- 6' Serial Cable.** 26-269, 17.95 **6' Printer Cable.** 26-227, 34.95

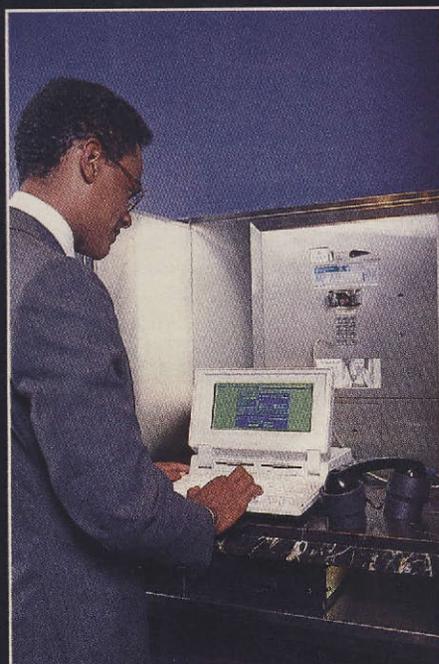
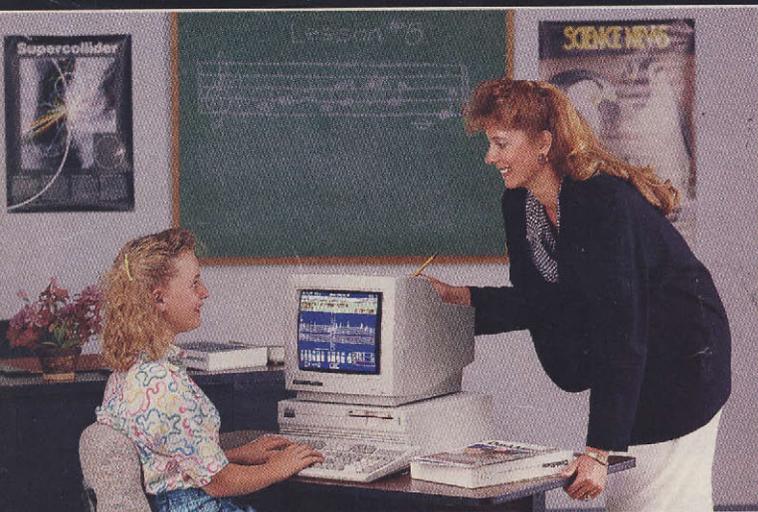
SPECIFICATIONS. Memory: 32K (22K for text). Keyboard: 62 key. Display: 80 x 8 Liquid Crystal Display. Input/Output: Parallel printer interface. RS-232C serial interface. Cassette tape interface. Weight: 3.1 lbs. Power: Requires 4 "AA" batteries or AC adapter. Certification: FCC Class B.

Tandy Computers: Because there is no better value.SM

Our desktop computers are made in our own facilities here in America. Through advancements such as custom circuitry and a user-friendly software interface, Tandy computers stand out from mere clones. From initial design to finished product, we can ensure top quality and performance at affordable prices.

Radio Shack[®]

A DIVISION OF TANDY CORPORATION



RSC-21

