

# 1992 COMPUTER REFERENCE GUIDE

# TANDY®



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Tandy Computers: The best-selling PC compatibles in America. Backed with unsurpassed support at

**Radio Shack**  
**AMERICA'S**  
**TECHNOLOGY**  
**STORE**™

A DIVISION OF TANDY CORPORATION



# NEW! TANDY® 486 SERVER SERIES

## Now Get Ultra-High Performance for Offices That Need Power to Share

- Remarkable high-speed throughput
- 4MB of RAM, expandable up to 64MB on the main logic board
- Six open expansion slots
- One 3½" and three 5¼" open device slots
- Ergonomic floor-standing design
- Includes MS-DOS 5.0
- IDE SmartDrive hard drive support
- 1-Year Warranty ■ Made in the U.S.A.



Available Nov. 15, 1991

The ultimate in high-performance PC power! Our new 486-based computers offer a dramatic breakthrough in speed and expandability, making them ideal file servers in a XENIX/UNIX multiuser or a local area network environment.

486-based computers can operate at *up to twice the speed* of a 386 computer. Large tasks such as inventory management and statistical analysis can be streamlined for maximum productivity.

The Tandy 4833 LX/T's 80486DX microprocessor features Floating Point Capability, which delivers co-processing power for math-intensive operations. An 8K cache in the processor stores recently accessed information for instant throughput. Plus, memory interleaving, as well as advanced 64K SRAM memory caching, optimize your data retrieval.

The Tandy 4820 SX/T offers you a lower-cost alternative in a 486SX by supporting an optional 487 coprocessor for Floating Point Capability.

Both systems offer extraordinary expansion options, including memory upgrades of up to 64MB. And IDE technology lets you add SmartDrive™ hard drives without a controller card.

Key Features	Tandy 4833 LX/T	Tandy 4820 SX/T
Microprocessor	33MHz 80486 with built-in Coprocessor	20MHz 80486SX with optional 80387SX Coprocessor
Memory Cache	64K SRAM, 0 Wait State	
Memory	4MB (64MB max)	
Storage	3½" 1.44MB Floppy Drive Optional 40/52/105/160MB SmartDrive, 40/202/440MB SCSI	
Display Modes	16-bit SuperVGA Graphics with 800 x 600 in 16 Colors or 1024 x 768 in 16 Colors	
Built-In Ports	Two Serial, one Parallel, one Mouse Port	
Operating Systems	Includes MS-DOS 5.0, supports SCO UNIX/XENIX, Microsoft OS/2	
Expansion	Seven 16-bit ISA Slots, six open One 16-bit IDE Connector One additional 3½", three 5¼" Device Slots	
Keyboard	101-key enhanced	
Power Supply	300 Watts	
Footprint (H x W x D)	6½ x 18 x 17"	
Certification	FCC Class B, UL listed	
Catalog Number	25-5145	25-5140
Price (Without monitor)	\$3999	\$3499

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# 386 POWER FOR BUSINESSES

## NEW LOW PRICES! High Performance for Single Stations or Workgroups

- The cost-efficient solution for high performance workstations
- Supports XENIX/UNIX multiuser systems
- Fast, efficient 32-bit processing
- Vivid 16-bit SuperVGA graphics
- Industry-standard ISA architecture
- Includes MS-DOS 5.0
- IDE SmartDrive hard drive support
- 1-Year Warranty ■ Made in the U.S.A.



Tandy 386-based systems deliver proven, cost-efficient high performance for today's power workstations and function as low-cost servers in XENIX/UNIX multiuser systems. Everyone in your office can work more efficiently, using inexpensive data terminals to share the same software and peripherals.

Plus, you can use a 386 system with a Microsoft Windows platform to run different applications concurrently.

Tandy's line of 386-based PCs are designed to boost the performance of your business—in wholesale/distribution, manufacturing, accounting, sales analysis, data processing, and many other areas. They also serve as the perfect hub of a retail point-of-sale (POS) system.

Our 386 systems run at high speeds of 16 to 33 MHz. Plus, we enhance this performance with memory interleaving and advanced memory caching, for efficient information management.

Tandy uses the industry-standard ISA platform, which utilizes the architecture to support today's most widely used peripherals and upgrades.

Whatever your business, Tandy has a 386-based system that will put you on the fast track.

Key Features	Tandy 4016 DX	Tandy 4025 LX	Tandy 4033 LX
Microprocessor	16MHz 80386 with optional 80387-16 Coprocessor/ Weitek 3167	25MHz 80386 with optional 80387-25 Coprocessor/ Weitek 3167	33MHz 80386 with optional 80387-33 Coprocessor/ Weitek 3167
Memory Cache	N/A, .7 Wait State	32K SRAM, 0 Wait State	
Memory	1MB (16MB max.)		
Storage	3½" 1.44MB Floppy Drive Optional 40/52/105/160MB SmartDrive, 40/202/440MB SCSI		
Display Modes	16-bit SuperVGA Graphics with 800 × 600 in 16 Colors or 1024 × 768 in 16 Colors		
Built-In Ports	Serial, Parallel, Mouse Ports		
Operating Systems	Includes MS-DOS 5.0, supports SCO UNIX/XENIX, Microsoft OS/2		
Expansion	Six 16-bit ISA Slots, five open One 16-bit IDE Connector One additional 3½", two 5¼" Device Slots		
Keyboard	101-key enhanced		
Power Supply	200 Watts		
Footprint (H × W × D)	6½ × 15¾ × 17"		
Certification	FCC Class B, UL listed		
Catalog Number	25-5001	25-5125	25-5130
Price (Without monitor)	\$2499	\$2999	\$3499

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# HIGH-SPEED 386 SX PERFORMANCE

## Tandy 4020 SX: The Power of the 80386SX Processor with Innovative Design

- 20MHz Intel 80386SX processor for affordable 32-bit performance
- Memory expandable to 16MB
- Built-in 16-bit Super-VGA graphics
- SmartDrive™ IDE hard drive support
- Small footprint, yet remarkable expansion—three available AT® slots, plus three device slots
- 1-year warranty ■ Made in America



**NEW LOW PRICE!** For small businesses growing at a fast pace, the 4020 SX can keep you up to speed. From complex accounting calculations to detailed graphics design, our 4020 SX computer thrives on almost any intensive application.

You get the combination of 32-bit performance with industry-standard 16-bit hardware compatibility. An 80386SX system is a low-cost alternative to a 386 system; you won't be left behind when you want to move on to advanced 386-based applications.

The 4020 SX features a unique hinged-bay design which swings open for easy access to card slots and storage devices.

The 4020 SX is perfect for desktop publishing. A built-in, 16-bit VGA card lets you add a color analog monitor and display graphics with near-photographic clarity. Create 640 x 480 to 1024 x 768 graphics using a palette of 256,000 colors. Or use a low-cost monochrome monitor to create superb graphics in 64 shades of gray.

**Tandy 4020 SX.** Includes MS-DOS 3.3 (\$99.95 value, #25-4109). Was \$1999.00 in RSC-22A. **NEW LOW PRICE \$1799** 25-4903 . . . . . **Only \$61 Per Month\***

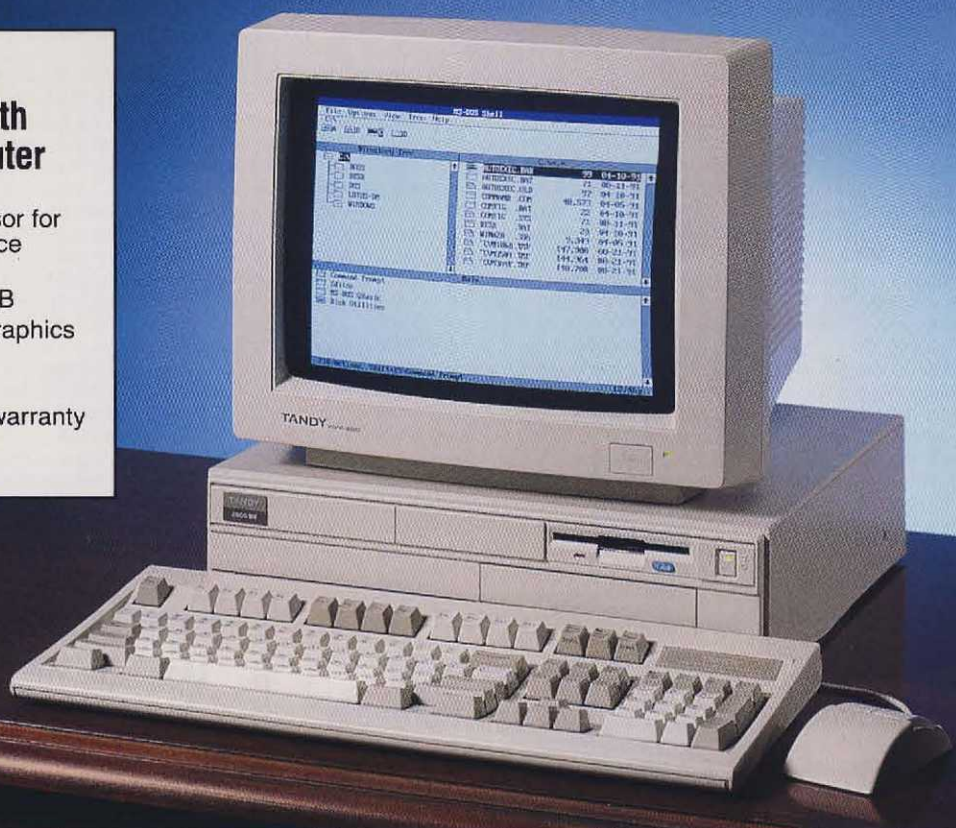
Key Features	Tandy 4020 SX
Microprocessor	20 MHz 80386 SX. Supports 80387 SX-20MHz co-processor.
Wait State	.7
Memory	1MB (80 ns) (16MB max). Expandable to 5MB on main logic board.
Storage	3 1/2" 1.44 MB Floppy Drive Optional 40/52/105/160MB SmartDrive With 16-bit IDE connector 40/202/440MB SCSI (Requires 25-4161)
Display Modes	16-bit Super-VGA Graphics with 640 x 400 in 256 colors or 640 x 480 in 16 colors. Optional Modes (requires video memory upgrade to 512K): 640 x 480 in 256 colors, 800 x 600 in 16 colors, 1024 x 768 in 16 colors.
Built-In Ports	Serial, Parallel and Mouse Ports
Operating Systems	Supports MS-DOS; OS/2 1.21
Expansion	Three 16-bit ISA slots. One additional 3 1/2", one 5 1/4" device slot.
Keyboard	101-Key Enhanced
Power Supply	100 Watts
Footprint (H x W x D)	4 1/4 x 15 1/2 x 15"
Certification	FCC Class B. UL listed.
Catalog Number	25-4903
Price (Without monitor)	<b>\$1799</b>



# FOR BUSINESS AND HOME OFFICE

## Tandy 2500 SX: Speed Through Your Work With This Affordable Computer

- Intel 80386SX microprocessor for affordable 32-bit performance and 16 MHz clock speed
- Memory expandable to 16MB
- Built-in 16-bit Super-VGA graphics
- SmartDrive™ 16-bit IDE hard drive support
- Made in America ■ 1-year warranty
- DOS 5.0 and DeskMate 3.5



**NEW!** Now's your chance to enjoy breakthrough pricing for a feature-packed business computer. And with three open AT®-style slots (easily accessible through our exclusive hinged-bay design), it's also a fully expandable PC with power to spare for advanced applications.

Whether you're working out of your own home or at an office, the 2500 SX cuts through big jobs like spreadsheets and database management with ease. Used as a stand-alone computer, it's ideal for desktop publishing, software programming or number crunching. It's also the perfect network workstation.

Near-photographic Super-VGA graphics create eye-catching charts. Add to this enhanced sound and speech capabilities, as well as CD-ROM support, and you have a complete "presentation PC."

The 2500 SX comes with MS-DOS 5.0 and ten productivity applications—including a text editor, fonts generator, spreadsheet, filer, calendar and address book—based on the included, easy-to-use DeskMate Interface.

**NEW! Tandy 2500 SX.** 16 MHz clock speed and 1MB. 25-4076, **Only \$63 Per Month\*\***

**\$1299**

Key Features	Tandy 2500 SX
Microprocessor	16 MHz 80386 SX Optional 80387SX-16 coprocessor
Wait State	.7
Memory	1MB (80 ns) (16MB max). Expandable to 5MB on main logic board.
Storage	3 1/2" 1.44MB Floppy Drive Optional 40/52/105/160MB SmartDrive With 16-bit IDE connector 40/202/440MB SCSI (Requires 25-4161)
Display Modes	16-bit Super-VGA Graphics with 640 x 400 in 256 colors or 640 x 480 in 16 colors. Optional Modes (requires video memory upgrade to 512K): 640 x 480 in 256 colors, 800 x 600 in 16 colors, 1024 x 768 in 16 colors.
Built-In Audio	8-bit bi-directional DAC. Built-In speaker with volume control.
Software	Bundled MS-DOS 5.0 and DeskMate 3.5
Operating Systems	Supports MS-DOS; OS/2 1.21
Expansion	Three 16-bit ISA slots. One additional 3 1/2", one 5 1/4" device slot.
Built-In Ports	Serial, Parallel and Mouse Ports Microphone and Headphone Jacks
Keyboard	101-Key Enhanced
Power Supply	70 Watts
Footprint (H x W x D)	4 1/4 x 15 1/2 x 15"
Certification	FCC Class B. UL listed.
Catalog Number	25-4076
Price (Without monitor)	<b>\$1299</b>



# MULTIMEDIA AND CD-ROM DRIVES

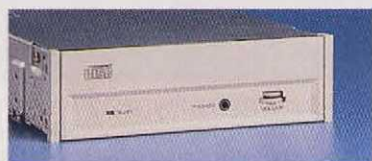


## Experience Multimedia Technology... Today

- CD-Quality Digital Audio
- Impressive Graphics/Animation
- Vast Information Handling Capacity

Multimedia technology will change personal computing as we know it. Multimedia computers furnish superb, photo-realistic images and vivid animation and audio that goes far beyond the traditional "beep" of some computers. The multimedia PC can play and mix digital audio, recorded stereo sounds and MIDI music. With the CD-ROM drive, an entire encyclopedia, including text, animation and lifelike sounds and voices, can be accessed on one disk. This stunning technology is available for business, educational and home use today, because Radio Shack offers a complete line of Multimedia PCs (facing page), as well as upgrade kits for existing PC compatibles.

## Low-Cost CD-ROM Drives Make Multimedia Technology More Affordable



### CDR-1000

- Internal Drive
- Super-Easy Loading
- Audio-Play Program

**NEW!** Tandy brings you an affordable way to equip your PC to tap into the superb audio, graphics and information handling capabilities of multimedia technology. The CDR-1000 features a fast data transfer rate of 150K bytes per second, super-easy loading, an audio-play program, MS-DOS 2.2, extensions and all necessary boards and drivers. For computers with an open 5 1/4" device bay. (TSP available)

**399<sup>95</sup>**

25-1077 ..... Low As \$15 Per Month



### CDR-3000

- External Drive
- Power Drive Door
- Audio-Play Program

**NEW!** External version of the CDR-1000. It has all of the same great features as the CDR-1000, but because it's external, no internal drive bay is required. (TSP available.) (Avail. 10/30/91)

**499<sup>95</sup>**

25-1084 ..... Low As \$20 Per Month

## Other CD-ROM Drives

Tandy CDR-1500 Internal CD-ROM Drive.  
25-1081 ..... 895.00  
Hitachi External PC/XT CD-ROM Drive. 903-2376, 995.00

## Upgrade Your 286 or 386-Based Computer to a Powerful Multimedia PC With These Affordable Upgrade Kits

Radio Shack now offers breakthrough multimedia upgrade kits that can be installed easily in 80286 and 80386-based PCs—thus making it simple and affordable for PC users to upgrade their computers to take advantage of dynamic new multimedia software products.

These kits feature Tandy® CD-ROM drives, a revolutionary drive that is mechanically simplified, easier to use and offers higher reliability than other drives. Plus, its fast data-transfer rate of 150,000 bytes per second is twice the rate of many traditional CD-ROM drives.

### System Requirements

To use these easy, cost-effective upgrade kits, your PC must have a minimum system configuration of 2MB RAM, VGA graphics, hard drive (30MB or greater), mouse and one available AT-style expansion slot. Kits are easy to install and include: Tandy Multimedia Expansion and Sound System Adapter, Tandy CD-ROM Drive, all necessary cables, installation and configuration floppy diskette, and CD-ROM disc with Microsoft Windows 3.0 +, Multimedia Windows Extensions 1.0, multimedia tutorials, applications and a variety of multimedia application software demonstrations from industry-leading vendors.

**Internal Upgrade Kit.** Includes the Tandy CDR-1000 (25-1077, at left). Requires an open 5 1/4" drive bay. (TSP available) **Low As \$25 Per Month.**

25-1085 (Avail. 9/30/91) ..... 799.95

**External Upgrade Kit.** Includes the Tandy CDR-3000, (25-1084, at left). For PC-compatibles with standard 10" expansion slot. (TSP available) **Low As \$30 Per Month.**

25-1086 (Avail. 10/30/91) ..... 899.95



# TANDY MULTIMEDIA COMPUTERS



Key Features	M 4033 LX	M 4025 LX	M 4016 DX	M 4020 SX	M 2500 SX
Microprocessor	33 MHz 80386	25 MHz 80386	16 MHz 80386	20 MHz 80386 SX	16 MHz 80386 SX
Memory	4MB with 32K SRAM	4MB with 32K SRAM	4MB	2MB	2MB
Hard Drive	105MB	105MB	52MB	52MB	40MB
Graphics Support	640 × 480 256 Colors 800 × 600 16 Colors 1024 × 768 16 Colors	640 × 480 256 Colors 800 × 600 16 Colors 1024 × 768 16 Colors	640 × 480 256 Colors 800 × 600 16 Colors 1024 × 768 16 Colors	640 × 480 256 Colors 800 × 600 16 Colors 1024 × 768 16 Colors	640 × 480 256 Colors 800 × 600 16 Colors 1024 × 768 16 Colors
Expansion Slots Open	4-16 bit ISA	4-16 bit ISA	4-16 bit ISA	2-16 bit ISA	2-16 bit ISA
Device Bays Open	One 5¼"	One 5¼"	One 5¼"	0	0
Power Supply	200 Watts	200 Watts	200 Watts	100 Watts	70 Watts
Size	6¼ × 17 × 16"	6¼ × 17 × 16"	6¼ × 17 × 16"	4¼ × 15½ × 15"	4¼ × 15½ × 15"
Catalog No.	25-4019	25-4018	25-4016	25-4017	25-4015
Price (Without monitor)	<b>\$5499</b>	<b>\$4999</b>	<b>\$3999</b>	<b>\$3299</b>	<b>\$2799</b>

All Multimedia PCs contain: minimum 2MB RAM, internal CD-ROM Drive, hard drive, FCC class B certification, Microsoft Windows 3.0 and Multimedia Extensions 1.0, serial port, parallel port, 101-key keyboard, 16-Bit VGA graphics with 512K video RAM and MS-DOS 5.0.



# HOME OFFICE AND FAMILY PCs



**NEW! Tandy 1000 RLX.** The home computer that means business! VGA color graphics and 286 performance mean you can use powerful business programs . . . at home. Features quiet, fanless operation, digital audio with voice messaging and our finest business keyboard. Mouse included. (TSP available) 25-1452 . . . . . **799.95**

**NEW! Tandy 1000 RLX/HD.** Same as RLX, but with 40MB SmartDrive hard drive and 1MB memory. (TSP available) 25-1453 . . . . . **1199.95**

**Save \$200 on a 1000 RLX/HD  
With a VGM-220 Color Monitor!**

Regular Separate Items 1599.90 **1399<sup>90</sup>**

Low As \$43 Per Month 25-1453/25-4044

**Save \$200—512K RLX With  
VGM-220 Monitor**

Regular Separate Items 1199.90 **999<sup>90</sup>**

Low As \$30 Per Month 25-1452/25-4044

**New Low Price! Tandy 1000 RL.** The easy-to-use home information center. With digital audio and our best keyboard. Was \$599.95 in RSC-22A. (TSP available) 25-1450 . . . . . **499.95**

**New Low Price! Tandy 1000 RL/HD.** 1000 RL with 20MB SmartDrive and real time clock. Was \$999.95 in RSC-22A. (TSP available) 25-1451 . . . . . **899.95**

Key Features	Tandy 1000 RLX	Tandy 1000 RL
Microprocessor	10 MHz 80286 Real-Time Clock	9.54 MHz 8086 Real-Time Clock Optional
Memory	512K (1MB max)	512K (768K max)
Storage	3 1/2" 1.44MB Floppy Drive. Optional Smart Drive (20MB/40MB); One 3 1/2" (720K or 1.44MB)	3 1/2" 720K Floppy Drive. Optional Smart Drive (20MB/40MB); One 3 1/2" 720K
Built-In Video	VGA	MDA; Hercules; CGA; and Tandy Enhanced Graphics Support
Built-In Audio	8-bit bi-directional DAC. Internal speaker, volume control.	
Built-In Software	MS-DOS 3.3, DeskMate Interface, Spell Checker in ROM	
Disk-Based Software	DeskMate and DeskMate Home Organizer (24 programs)	
Expansion	One 10" expansion slot	
Built-In Ports	Serial, Parallel, Mouse, (Mouse Included) 2 Joystick, Microphone, Headphone	Serial, Parallel, Mouse, 2 Joystick, Microphone, Headphone
Keyboard	101-key enhanced	
Power Supply	25 Watts	
Footprint (H x W x D)	27 1/8 x 15 x 14"	
Certification	FCC Class B. UL listed	
Catalog Number	25-1452	25-1450
Price	<b>\$799.95</b> Low As \$25 Per Month	<b>\$499.95</b> Low As \$20 Per Month



# DISCOVER THE DESKMATE DIFFERENCE



The Desktop displays an organized listing of all your programs



DeskMate's graphical interface guides you through tasks easily



DeskMate applications let you file addresses, create budgets



The Font feature creates impressive, stylized documents

## DeskMate® Software Makes It Easy to Use Your PC More Productively



- 10 Useful Applications for Tandy and Other PC-Compatible Computers
- Includes Everything You'll Need to Get Down to Business—Fast
- Built-In Tutorial Will Have You Up and Running in No Time
- Automatically Translates MS-DOS® Commands Into Plain English
- It's Quick and Easy to Learn New DeskMate Programs—All Commands Are Similar
- Learn One Program and You've Essentially Learned Them All

**DeskMate 3.** It's incredibly easy to use, because it's designed around the DeskMate Graphical User Interface. With pull-down menus and pop-up dialog boxes, DeskMate guides you through tasks quickly and simply. Each day DeskMate greets you with the desktop. This neat, organized display lists all DeskMate applications as well as other programs you may own—and you can access them all with just the point and click of a mouse! The desktop also translates MS-DOS commands into plain English, so you won't have to learn cryptic

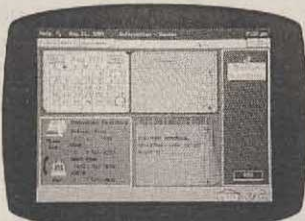
codes. A collection of personal productivity applications is included for writing letters, budgeting, filing and scheduling appointments. A new font feature lets you print documents in various typesets to give your reports or newsletters a professional touch. There's even a draw program and word game to enjoy. And wherever you are in the program, you can always ask DeskMate's help function for on-the-spot advice. For Tandy and other PC compatibles. 25-1351

**9995**

**NEW! Spanish Version. 25-1355, 99.95**

### Special Upgrade Offer for Current DeskMate Users!

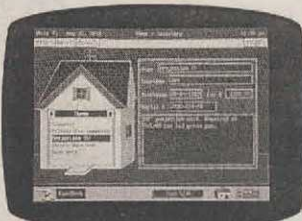
Owners of earlier versions of DeskMate—simply visit any participating Radio Shack store or dealer and find out how easy it is to upgrade to DeskMate 3.



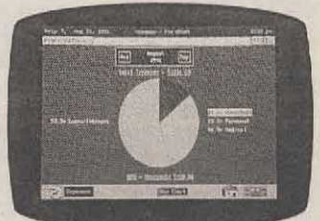
Information Center displays phone numbers, messages and more



File favorite recipes, plan meals and make out your grocery list



Keep inventory lists for sales, hobby or insurance purposes



Itemizer lets you see at a glance where your money is going

## Household Management Was Never Simpler Than With the DeskMate Home Organizer



- Comes Complete With Recipes from The New Good Housekeeping Cookbook®
- Keeps a List of the Grocery Items You Buy Most
- Computerized Message Board for Busy Families
- Financial Applications Scrutinize Income and Expenses
- Organizes Hectic Family Schedules
- Figures Your Checkbook Balance and Reconciles Your Register

**DeskMate Home Organizer Companion.** Streamline your family's busy lifestyle with these 15 Personal, Kitchen and Financial applications. Your **Personal Organizer** takes care of all your management chores. Make a detailed inventory of your possessions, or keep a private diary that's for your eyes only. The automated bulletin board stores important phone numbers and makes scheduling daily appointments—even vacations—a breeze! The **Kitchen Organizer** comes with recipes for appetizers, entrees and desserts, and lets you enter your own favorites as well. Plan meals, then check what you'll need on the Grocery List. Track your income

and expenditures down to the last penny with the comprehensive **Financial** applications. Checkbook Register keeps a running total of your checking balance while Checkbook Balancer reconciles your bank statement with your register. Itemize your expenses by category and the computer constructs a pie chart to show how your money was spent. Look for trends in spending during the year—a super time saver at tax time! Financial Notebook keeps watch over your investments, loans and savings, and includes a MathCard that figures financial formulas for you. Put your life in order with the DeskMate Home Organizer Companion. 25-1370

**9995**



# MULTIUSER OPERATING SYSTEMS

## The Santa Cruz Operation



SCO is the worldwide market leader in providing UNIX operating systems on the industry-standard Intel micro-processor-based PC platforms. SCO provides operating systems to fit the needs of diverse customers. These include SCO XENIX System V/386 and SCO UNIX System V/386.

SCO XENIX 386 and SCO UNIX 386 make full use of the 80386 processor to support multiple users running many different tasks concurrently. Running from a terminal, such as the Tandy DT-110, users are able to access the same applications simultaneously, providing an excellent environment for accounting and other office tasks.

## SCO XENIX System V Release 2.3

The best-known and established multiuser PC operating system. It is fast, reliable, and offers the best price for a variety of vertical-market applications.

25-5203	795.00
<b>SCO XENIX 386 Text Processing System.</b>	
25-5202	195.00
<b>SCO XENIX 386 Development System.</b>	
25-5201	795.00

## SCO UNIX System V/386 Release 3.2

The new-generation operating system that offers all the features of SCO XENIX V and more. SCO UNIX System V is designed to be powerful and to adhere to industry and government standards for an operating system.

903-1795 ..... 895.00

**SCO VP/ix—DOS Under UNIX.** SCO VP/ix lets you run MS-DOS applications on SCO XENIX 386 or SCO UNIX System V. Multiple MS-DOS and SCO System V applications run simultaneously on the same 386 or 486 computer. This allows you to preserve your investment in MS-DOS software and training, while providing full access to more powerful multiuser SCO System V solutions. With SCO VP/ix, thousands of popular Graphical and character-based MS-DOS products will run unchanged on your SCO System.

903-1745 ..... 495.00

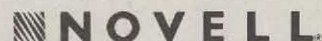
**SCO MultiView 386.** A combined multitasking windowing environment and user-friendly interface for SCO XENIX System V, with convenient desktop tools, such as phone, address and card files. SCO MultiView's windowing facility can display (on your console or each remote terminal screen) multiple concurrent windows, each running a separate task or application simultaneously.

903-1582 ..... 395.00

## Comparisons of Multiuser Operating Systems

Operating System	Intended Use			No. Users	Expansion Capabilities	Minimum CPU
	Educ	Sm Bus	Med Bus			
SCO XENIX 386		Yes	Yes	32	Good	4016 DX
SCO UNIX 386			Yes	32	Good	4025 LX
LANTastic AI		Yes		3-7	Limited	2500 XL/2
NetWare v2.2		Yes		5	Good	4020 SX
		Yes		10	Good	4020 SX
	Yes		Yes	50	Good	4025 LX
	Yes		Yes	100	Good	4025 LX
NetWare v3.11			Yes	20	Excellent	4025 LX
	Yes		Yes	100	Excellent	4033 LX
	Yes		Yes	250	Excellent	4033 LX

## Novell NetWare



A local area network (LAN) is the connection of individual computers to share data, applications, peripherals and other resources. The LAN provides a host of benefits in addition to its resource-sharing capabilities, including electronic mail (E-Mail), mainframe connectivity, the ability to link to other networks and remote access capability.

Industry-leading Novell NetWare provides network operating systems tailored to the individual requirements of your business, from the small office to corporate-wide installations.

## NEW! Novell NetWare v2.2

This menu-driven system replaces all previous versions of NetWare v2.X. Designed to meet the needs of the workgroup segment of the network computing market, this reliable, full-featured product is easy to install, easy to use and easy to administer. It contains all of the features that have made NetWare the leader in the industry, while offering some exciting new enhancements. For more information, see the NetWare v2.2 Network Sales Guide.

<b>5-User System.</b> 901-1910	895.00
<b>10-User System.</b> 901-1911	1995.00
<b>50-User System.</b> 901-1912	3495.00
<b>100-User System.</b> 901-1913	5495.00

## NEW! Novell NetWare v3.11

The third release of an open, 32-bit architecture NetWare operating system. NetWare v3.11 provides networking solutions to department, corporate, remote office and enterprise-wide network users through product stratification. For more information, see the NetWare v3.11 Network Sales Guide.

<b>20-User System.</b> 901-1900	3495.00
<b>100-User System.</b> 901-1901	6995.00
<b>250-User System.</b> 901-1902	12,495.00

## NEW! LANTastic AI/ Network Operating System

- A breakthrough in LAN affordability and simplicity
- Fast, easy installation program
- Uses less RAM than any other LAN
- Cost-cutting peer-to-peer resource sharing
- Electronic Mail with pop-up notification and chat feature
- Unsurpassed ability to support CD-ROM drives
- Built-in security protects data
- Disk cache boosts network speed

To anyone who believes that all big-capability PC networks demand big bucks, big hassles and big RAM, we offer the LANTastic AI/ Network Operating System. LANTastic AI/ gives you a long list of powerful features at a price even the smallest installation can afford.

Because LANTastic AI/ is a peer-to-peer network, any machine can be a server, a workstation, or both. LANTastic AI/ eliminates the expense of a dedicated machine, requires less time to set up, and is easier to understand. It has made networking economically viable in a much wider range of applications, even in installations with only two machines.

And LANTastic's installation program automatically installs your network software, so you can be up and running in minutes. Requires one package for each PC in the network.

25-4220 ..... 99.95



# MICROSOFT OPERATING SYSTEMS AND WINDOWS

**NEW!**  
**Microsoft**  
**MS-DOS 5.0**  
**Upgrade**

**Microsoft**

- The most significant new version of DOS in years!
- Drop-down menus let you browse easily through options
- Online help system guides you through any command
- Lets you recover accidentally deleted files
- Full-screen editor with pull-down menus
- Task swapper lets you switch between applications
- DOSkey lets you select frequently used commands
- Reformat disks in 80% less time
- New QBasic interpreter for faster programming
- New setup program for automatic, easy installation

MS-DOS celebrates its 10th anniversary with the introduction of MS-DOS 5.0—the best DOS ever! It offers something for everyone, from the novice to the power user. No other version of MS-DOS does so much to improve the way a user's PC operates. MS-DOS 5.0 provides applications with more memory, is easier to use, and gives DOS applications new life under the Microsoft Windows graphical environment. It actually turns MS-DOS into a productivity tool!

**MS-DOS 5.0 Upgrade.** Complete MS-DOS 5.0 package to upgrade from MS-DOS 2.X, 3.X and 4.X. Dual-media, non-bootable file system requires MS-DOS for installation.  
25-4176 ..... **69.95**

**MS-DOS 5.0 Documentation Set.** Includes Microsoft User Guide and Reference, plus a useful Getting Started booklet.  
25-4177 ..... **21.95**

## MS-DOS 5.0 gives applications more room to work:

MS-DOS Version	Maximum Free Conventional Memory*	MS-DOS Version	Maximum Free Conventional Memory on a Networked PC**
5.0	621K	5.0	613K
4.01	565K	4.01	480K
3.3	575K	3.3	490K

\*On an 80286, 80386 or 80486 PC with at least 64K of extended memory.

\*\*The numbers given are specific to a particular 386 system. These numbers vary on different hardware and software configurations.

## Microsoft Windows 3.0

Now *all* your applications can be run within an exciting visual environment. This versatile graphical user interface lets you work on DOS and Windows-based applications simultaneously and transfer data between them. The graphics-based installation program makes setup a snap—it determines your system's processor type and amount of memory and optimizes Windows functionality and performance. Start to be productive immediately with its collection of familiar and useful graphics-based desktop applications that work just like the tools on your desk. Recommended Minimum System: 80286, 1MB RAM, hard drive and mouse. 25-4225 ..... **149.00**

## Microsoft OS/2 1.21

The advanced operating system for Intel-based 286, 386 and 486 personal computers. OS/2 provides a state-of-the-art graphical user interface (GUI) called Presentation Manager. This new level of programming interface for advanced graphics uses interface functions while maintaining the look and feel of MS Windows. Minimum System Requirements: 80286, 2.5MB RAM, 40MB hard drive, EGA.  
25-4125 ..... **195.00**



## Windows-Based Software Applications

**Drafix Windows CAD.**  
900-2499 ..... **695.00**  
**NEW! Bitstream FaceLift.**  
900-2601 ..... **99.95**  
**NEW! Powerpack-Windows 2.0.**  
900-2609 ..... **79.95**  
**NEW! ToolBook.**  
25-1442 ..... **495.00**

**NEW! Guide.**  
25-1443 ..... **495.00**  
**NEW! Professor Windows.**  
900-2621 ..... **49.95**  
**NEW! Becker Tools 3.0.**  
900-2607 ..... **129.95**  
**NEW! Screenworks.**  
900-2614 ..... **39.95**

**NEW! Ami Professional.**  
900-0530 ..... **495.00**  
**MS Word for Windows.**  
900-2515 ..... **495.00**  
**Microsoft Excel 3.0.**  
900-2921 ..... **495.00**  
**NEW! Lotus for Windows.**  
903-2670 ..... **595.00**



# NETWORK OFFICE SOLUTIONS BY TANDY

## SCO XENIX/UNIX Peripherals

For the small and medium business requiring multiuser office automation capabilities for up to 32 workstations.

SCO XENIX and SCO UNIX provide tremendous power in accounting, point-of-sale, manufacturing and other general business environments, using inexpensive data terminals.

SCO XENIX/UNIX 386 Multiport Adapters		
Description	Cat. No.	Price
Arnet Multiport-4 ISA	900-2453	495.00
Arnet Smartport-8 ISA	900-2458	995.00
Arnet Smartport-16 ISA	900-2403	1895.00
Dual Serial/Parallel Adapter	25-4025	69.95

## High-Resolution DT-110 Display Terminal

The Tandy DT-110 Data Terminal is the ideal workstation for multiuser systems built around XENIX/UNIX-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. Supports normal, underline, reverse and half-intensity video display. 25-5050 ..... **599.00**

## The UnTerminal Multitasking Graphics Workstation for SCO XENIX/UNIX

The UnTerminal is an affordable workgroup connectivity concept which connects inexpensive PC-compatible monitors and keyboards to an SCO XENIX or SCO UNIX server. Just add the appropriate monitor and a 101-key keyboard for fast text/graphics workstations.

**Monochrome System.** Provides 720 x 350 alphanumeric text mode and 720 x 348 Hercules graphics mode.

**VNA Base Adapter.** Full-size PC expansion adapter that supports the first terminal and provides expansion ports for three additional terminals. 900-2575 ..... **649.00**

**VNA User Upgrade Model.** Add to VNA Base Adapter (above) for additional terminals. 900-2576 ..... **349.00**

**VNA I/O Network Adapter.** Full-size PC expansion adapter provides PC/AT COM port-compatible interfaces for serial communications and LPT-compatible interfaces for parallel ports for four VNA workstations. 900-2577 ..... **399.00**

**NEW! VNA Plus 4-User Base Adapter.** Supports the first four users, expandable to eight. 900-2591 ..... **1595.00**

**NEW! VNA Plus User Upgrade Module.** 900-2593, **399.00**

VNA Cable (25 Ft.) 900-2578 ..... **50.00**

VNA Cable (50 Ft.) 900-2579 ..... **75.00**

VNA Cable (100 Ft.) 900-2580 ..... **125.00**

**VGA System.** Provides 700 x 400 alphanumeric mode in both color and monochrome. Supports 640 x 480 and 800 x 600 color graphics modes.

**VGNA Base Adapter.** Full-size PC expansion adapter that supports the first terminal and provides expansion port for one additional terminal. Also provides two PC/AT COM port-compatible interfaces for serial communications. 900-2581 ..... **1195.00**

**VGNA User Upgrade Module.** Add to the VGNA Base Adapter (above) to provide one additional terminal. 900-2582 ..... **625.00**

VGNA Cable (25 Ft.) 900-2583 ..... **80.00**

VGNA Cable (50 Ft.) 900-2584 ..... **125.00**

## ARCNET Products

A cost-effective local area network that supports Novell and LANtastic AI/ operating systems (see stories, page 11).

ARCNET is a proven, low-cost, 2.5 megabits-per-second, deterministic network. It is easy to install and expand.

**Tandy ARCNET Adapter.** 8-bit, half-size card utilizes Surface Mount Technology. Designed to operate with any Tandy PC-compatible system. Utilizing a minimum amount of address space, this board may be used in conjunction with EGA adapters and expanded memory boards without conflict.

26-6505 ..... **199.95**

**Thomas-Conrad TC6045 ARC-Card/AT.** Here's a high-performance ARCNET adapter for 16-bit AT-style computers. Ideal for LAN servers and high-performance workstations. 900-2473 ..... **385.00**

**Xircor Pocket ARCNET Adapter (COAX).** Provides connection to the network via the laptop computer parallel printer port. 900-2435 ..... **385.00**

**ARCNET Passive Hub.** A four-port hub used for ARCNET RG-62-type cable. The maximum distance from each port is 100 feet. 26-6504 ..... **69.95**

**ARCNET Active Hub.** Digitally conditions, amplifies and relays signals between stations. Connected hubs can support the maximum network span of 20,000 feet. 8 coax ports, activity LED for each port. 26-6514 ..... **595.00**

**Thomas-Conrad TC6150 Smart Hub.** Intelligent hub provides displays, operator interfaces and on-board intelligence which assist in the diagnosis of ARCNET products. On-board diagnostic facilities. Digital display of reconfiguration attempts by port. 8 coax ports, expandable to 16. 900-2472 ..... **895.00**

**ARCNET Coaxial Cable Assemblies.** RG62 cable assembly with two connectors installed. For use with 26-6505, 900-2473/2435 adapters, above.

6-Ft. 26-6516 ..... **9.95**

10-Ft. 26-6517 ..... **10.95**

20-Ft. 26-6510 ..... **18.95**

100-Ft. 26-6512 ..... **39.95**

Bulk. 26-6513 ..... **Per Foot/.22**

## Token Ring Products

Supports the Novell operating system (see story, page 11).

Token Ring uses a star-wired ring topology that provides a 4-Mbps throughput and excellent flexibility in the configuration of large networks.

**Western Digital Token Ring Adapter.** 8-bit, half-size card. 9-pin connector for IBM cabling and RJ11 port for Type 3 cabling. Remote boot capability with optional PROM. 128K RAM installed. 900-2470 ..... **599.00**

## TandyLink Products

An entry-level local area network that supports the LANtastic AI/ operating system (see story, page 11).

**TandyLink PC Adapter.** 26-5601 ..... **99.95**

**TandyLink Plus Adapter.** For the Tandy 1000 HX. 26-5602 ..... **99.95**

**TandyLink Cables.** Shielded, twisted-pair cable with two 3-pin DIN Plugs installed.

6-Ft. 26-5610 ..... **9.95**

20-Ft. 26-5612 ..... **16.95**

50-Ft. 26-5611 ..... **24.95**

**TandyLink Cable Extender.** 26-5615 ..... **7.95**



# PEOPLE AND PCS WORKING TOGETHER®

## EtherNet Products

A high-performance local area network topology that supports Novell and LANtastic AI/ operating systems (see stories, page 11).

The EtherNet standard has emerged as the most popular local area network in the market today. This high-throughput network can operate at speeds up to 10-megabits-per-second over a coaxial or twisted-pair cable.

**Tandy EtherNet Adapter.** 8-bit, half-size adapter utilizes Surface Mount Technology. Board configurations are software selectable. Remote boot capabilities with optional PROM. 26-5505 ..... **249.95**

**EtherNet Plus-16 Adapter.** 16-bit, high-performance 10" adapter provides remote boot capability with optional PROM. 26-5506 ..... **349.00**

**NEW! EtherNet Plus-16 TP Adapter.** 16-bit, high-performance adapter for 10BASE-T (twisted-pair) networks. 26-5507 ..... **349.00**

**Western Digital EtherNet (Novell) Boot PROM.** Plugs into a socket on the network adapter (26-5505/5506/5507, above) to allow a workstation to boot from the network without the use of a disk drive. 900-1760 ..... **39.00**

**Xircom Pocket EtherNet Adapter (BNC).** Provides connection to the network via the laptop computer parallel printer port. 900-2432 ..... **595.00**

**Xircom Pocket EtherNet (MAU).** 900-2433 ..... **595.00**

**Thin EtherNet Coaxial Cable Assemblies.** RG-58 A/U cable assembly with two BNC connectors installed. For use with 26-5505 and 26-5506 adapters, above.

6-Ft. 26-5529 ..... **10.95**

10-Ft. 26-5527 ..... **12.95**

20-Ft. 26-5530 ..... **15.95**

50-Ft. 26-5531 ..... **24.95**

100-Ft. 26-5532 ..... **39.95**

**Thin EtherNet RG-58 PVC Cable (Bulk).** 26-5533 ..... **Per Foot/.22**

**Thin EtherNet RG-58 Plenum Cable (Bulk).** 26-5535 ..... **Per Foot/.99**

**Crimp-On Thin EtherNet BNC Connectors (2).** For RG-58 A/U or P/U PVC coaxial cable. 26-5528 ..... **5.95**

**Crimp-On Plenum BNC Connectors (2).** For RG-58 A/U or C/U Plenum Coaxial Cable. 26-5538 ..... **5.95**

**BNC Terminator Kit.** 26-5534 ..... **29.95**

## NEW! Twisted-Pair EtherNet

**Twisted-Pair EtherNet Cable.** 4-pair Unshielded Twisted Pair (UTP) cable with two male RJ-45 connectors installed.

**10-Ft. Assembly.** 26-5545 ..... **13.95**

**25-Ft. Assembly.** 26-5546 ..... **21.95**

**EtherNet 12-Port Twisted-Pair Hub.** Provides 11 modular jacks and one AUI port. Automatically amplifies and resumes network signals, allowing network stations to be up to 328 feet (100 meters) from the hub. Hubs detect jabbering network stations and automatically isolate the defective station without affecting the rest of the network. When the problem is corrected, the hub automatically reactivates the connection. IEEE 802.3 10BASE-T compatible.

26-5543 ..... **1495.00**

**EtherNext Network Command Center (NCC).** The 6-slot chassis is used to house and interconnect up to six modules (use 900-1879 or 900-1880). Each module can be "hot swapped" without bringing down power. Five separate EtherNet backplanes in each NCC allow multiple EtherNet systems to run simultaneously. 900-1878 ..... **1295.00**

**EtherNext 10BASE-T Host Module.** A complete 802.3 repeater that provides twelve RJ-45 jacks for connections to workstations, file servers and other concentrators.

900-1879 ..... **1995.00**

**EtherNext Smart 10BASE-T Host Module.** A dual-function module. A complete 802.3 repeater, providing twelve RJ-45 jacks for connections to workstations, file servers and other concentrators. Also acts as a network manager module by monitoring and controlling all other host modules within the same concentrator. A serial port is available for out-of-band network management. 900-1880 ..... **2995.00**

**EtherManager Network Management Software.** Use with Smart 10BASE-T above to provide management of every component of a LAN system. The status and topology of each concentrator can be viewed. Backup links are configured to rechannel in case of primary link failure. Gathers vital network statistics. Alarm thresholds, preset to local or remote through a unique paging system, notify the network administrator.

900-1881 ..... **2395.00**

## 3270 Connectivity (PC-to-Mainframe)

The BlueLynx family of 3270 communications products allows a user to emulate both local and remote IBM 3270 terminals, printers and control units.

**3270 Remote Gateway.** Lets a PC serve as a remote gateway server connecting to the mainframe via synchronous modem. 900-2415 ..... **1995.00**

**3270 Remote Workstation.** Makes your PC appear to the host as an IBM 3274 or 3276 control unit with up to eight 3270 devices attached. 900-2088 ..... **895.00**

**COAXSYS Local 3278/3279 Workstation.** Connect your PC via coaxial cable to an IBM 3270 control unit or a 3270 display adapter. 900-2089 ..... **895.00**

**SCO UniPath SNA-3270 Software.** 903-1592 ..... **695.00**

**SCO UniPath SNA-3270 Adapter.** 900-1593 ..... **395.00**

## 5250 Connectivity (Micro-to-Mainframe)

The BlueLynx 5250 communications product line provides PC 5250 emulation and connectivity with IBM System/3Xs (34, 36 and 38).

**5251-11 Local 5250 Workstation.** Your PC connects via TWINAX cable or baluns to an IBM 5251-12, 5294 or 5394 control unit, or directly to a System/3X or AS/400 midrange system. 900-2168 ..... **895.00**

**5250-11 Local Gateway.** Lets your PC function as a local gateway into a NETBIOS-compatible LAN. 900-2169 ..... **795.00**

**5250-12 Remote 5250 Workstation.** Allows a PC to emulate display stations and printers, as well as control unit 5251 model 12 (nine LUs). Connects to midrange system via synchronous modem. 900-2421 ..... **1995.00**

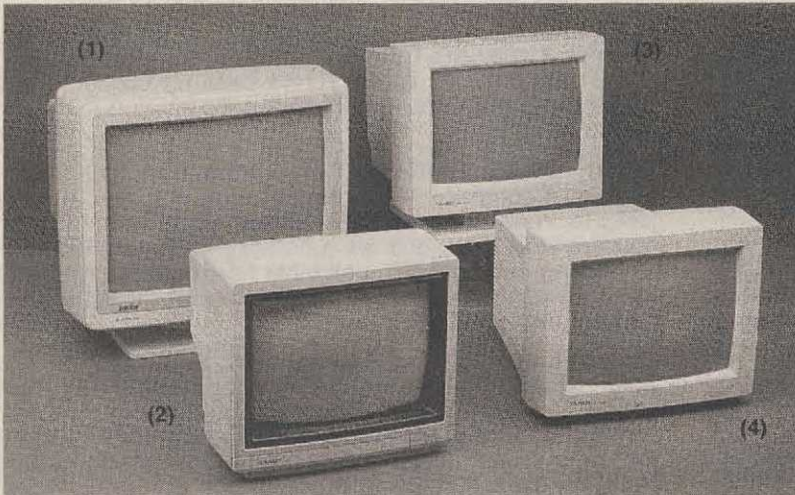
## NetWare Utilities

**On-Track NetWare 286 SCSI Device Driver.** Required when using a SCSI hard drive. 903/905-1750 ..... **99.95**

**Ontrack Disk Manager-Novell.** A hard drive installation and maintenance utility for Novell Networks. 3 1/2", 903-2861. 5 1/4", 905-2861 ..... **319.95**



# CUSTOM CONFIGURE YOUR SYSTEM



## Monitors, Adapters and Extension Cables

- (1) **Hitachi SuperScan+ 20" Monitor.** Supports Extended VGA modes up to 1280 x 1024. 90-2354 . . . . . **3295.00**
- (2) **CM-11 High-Resolution CGA Color Monitor.** 640 x 200 graphics resolution. 13" 25-1024 . . . . . **399.95**
- CM-5 CGA Color Monitor.** 13" 25-1043 . . . . . **299.95**
- (3) **NEW! VGM-440.** Super VGA color analog monitor with .28mm dot pitch. 14" 25-4046 . . . . . **649.00**
- VGM-200.** VGA color display with .42mm dot pitch. 14" 25-4041 . . . . . **499.95**
- (4) **NEW! VGM-220.** VGA 14" color display with .52mm dot pitch. 25-4044 . . . . . **399.95**

- VGM-100 Monochrome VGA Monitor.** 14" 25-4040 . . . . . **199.95**
- VM-5 Monochrome Monitor.** 12" 25-3012 . . . . . **149.95**
- 6-ft. Shielded EGA/CGA/Mono Monitor Extension Cable.** 26-257 . . . . . **14.95**
- 6-ft. Shielded VGA Monitor Extension Cable.** 26-255 . . . . . **24.95**
- 101-Key Enhanced Keyboard.** 25-4032 . . . . . **99.95**
- Monochrome Graphics Adapter.** 25-3049 . . . . . **99.95**
- NEW LOW PRICE! 8-Bit VGA Adapter.** Was \$199.95 in RSC-22A. 25-4043 . . . . . **169.95**
- NEW! Anti-Glare Filter.** 26-279, **39.95**

## Choosing the Right Monitor

Seeing is believing! Monochrome monitors are your most economical choice—great for text-based applications and basic spreadsheets. CGA and high-resolution CGA monitors give you clear color for business charts and arcade-like games. Top-quality VGA color monitors are ideal for engineers and anyone else who needs crisp graphics. For greater precision, Super-VGA offers even higher resolution modes (requires additional video memory).

Monitor	Computer			
	1000 1000 SX 1000 TX	1000 RL 1000 RL HD 1000 SL 1000 SL/2 1000 TL 1000 TL/2 1000 TL/3	3000-series 4000 4000 LX	1000 RLX 2500-series 4000 SX-series 4016 DX 4020 LX 4025 LX 4033 LX 4820 SX/T 4833 LX/T
<b>CGA:</b> CM-11 CM-5	No adapter required	No adapter required	Requires EGA/CGA Adapter AXX-2503048*	N/A
<b>Monochrome:</b> VM-5	Requires Monochrome Graphics Adapter 25-3049	No adapter required	Requires Monochrome Graphics Adapter 25-3049	N/A
<b>VGA:</b> VGM 440 VGM 200 VGM 220 VGM 100	Requires VGA Adapter 25-4043	Requires VGA Adapter 25-4043	Requires either 25-4043 or 900-2024	No adapter required



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

- NEW LOW PRICE! 3 1/2" 720K Internal Floppy Drive.** Was \$139.95 in RSC-22A. 25-1075 . . . . . **109.95**
- 3 1/2" to 5 1/4" Adapter Bracket.** For above and 25-4053. 25-1076 . . . . . **34.95**
- 3 1/2" EX/HX 720K External Floppy Drive.** 25-1061 . . . . . **279.95**
- NEW LOW PRICE! 3 1/2" 1.44MB Internal Floppy Drive.** Was \$169.95 in RSC-22A. 25-4053 . . . . . **129.95**
- NEW LOW PRICE! 5 1/4" 360K Internal Floppy Drive.** Was \$169.95 in RSC-22A. 25-1063 . . . . . **139.95**
- 5 1/4" 360K Internal Floppy Drive.** 25-4051 . . . . . **139.95**
- NEW LOW PRICE! 5 1/4" 1.2MB Internal Floppy Drive.** Was \$169.95 in RSC-22A. 25-4050 . . . . . **159.95**
- NEW! 5 1/4" 1.2MB External Floppy Drive.** 25-1087 . . . . . **299.95**
- Weltec 5 1/4" External Apple IIc Compatible Drive.** 900-2221 . . . . . **199.95**

## Which Floppy Drive?

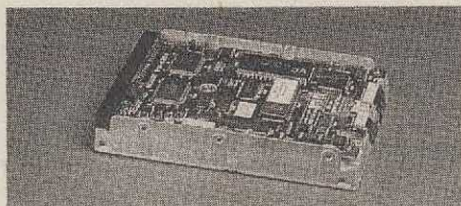
A second internal or external drive can dramatically increase your computer's productivity.

Our store representatives can help you make your choice—3 1/2" or 5 1/4" low density or high. We'll make sure you get the right drive for your storage needs!

	Computer								
Drive Format	1000 EX 1000 HX	1000 1000 SX, TX SL, SL/2 TL, TL/2	1000 RL Floppy Drive Only	1000 TL/3 2500 SX 2500 XL 2500 XL/2 4016 SX 4020 SX	3000 3000 HL 4000 4000 LX	3000 NL 4000 SX 4016 DX 4020 LX	4025 LX 4033 LX 5000 MC	1000 RLX Floppy Drive	1000 RLX HD 1000 RL HD and Laptop Computers
5¼" 360K	N/A	Internal 25-1063	N/A	Internal 25-1063	Internal 25-4051	Internal 25-4051		N/A	N/A
5¼" 1.2MB	N/A	N/A	External 25-1087	Internal 25-4050	Internal 25-4050	Internal 25-4050		External 25-1087	External 25-1087
3½" 720K	Internal (HX only) 25-1065	Internal 25-1075 (Adapter 25-1076 required for all except TL and TL/2)	Internal 25-1075	Internal 25-1075	Internal 25-1075 (Requires 25-1076 Adapter)	Internal 25-1075		Internal 25-1075	N/A
	External 25-1061								
3½" 1.44MB	N/A	N/A	N/A	Internal 25-4053	25-4053 (Requires 25-1076)	Internal 25-4053		Internal 25-4053	N/A



# STORE & ACCESS VOLUMES OF DATA



## SmartDrive IDE 3 1/2" Hard Drives

**NEW LOW PRICE! 20MB XT 1" Height.** Was \$399.95 in RSC-22A. 25-1047 ..... **349.95**  
**NEW LOW PRICE! 40MB XT/AT 1" Height.** Was \$459.95 in RSC-22A. 25-1048 ..... **399.95**  
**NEW LOW PRICE! 52MB AT 1" Height.** Was \$599.00 in RSC-22A. 25-4124 ..... **499.95**  
**NEW LOW PRICE! 105MB AT 1" Height.** Was \$899.00 in RSC-22A. 25-4130 ..... **699.00**  
**NEW LOW PRICE! 160MB AT 1.6" Height.** Was \$1199.00 in RSC-22A. 25-4126 ..... **1099.00**  
**16-Bit SmartDrive Interface Adapter.** 25-4121 ..... **49.95**  
**NEW! 8-Bit SmartDrive Adapter.** 25-1088 ..... **79.95**

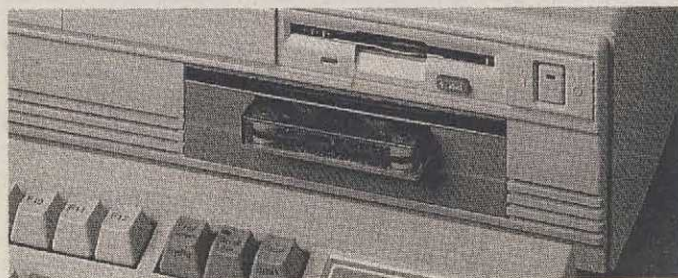
## High-Performance SCSI Drives

**NEW LOW PRICE! 40MB 3 1/2" 19ms SCSI Hard Drive.** Was \$699.00 in RSC-22A. 25-4159 ..... **499.95**  
**NEW LOW PRICE! 202MB Half-Height 3 1/2" 1.6" 17ms SCSI Hard Drive.** Was \$1899.00 in RSC-22A. 25-4164 ..... **1399.00**  
**NEW LOW PRICE! 440MB Half-Height 5 1/4" 16ms SCSI Hard Drive.** Was \$2599.00 in RSC-22A. 25-4167 ..... **2199.00**  
**16-Bit SCSI Host Adapter.** 25-4161 ..... **349.95**

## Hard Drive/Adapter Selections

Hard Drive	1000 RL 1000 RLX	1000 TL/2 TL/3	1000 1000 SX, TX 1000 SL, SL/2, TL	3000-series 4000	2500-series 4020 LX 4000 SX 4025 LX 4016 SX 4033 LX 4020 SX 4820 SX/T 4016 DX 4833 SX/T
SmartDrive IDE XT Hard Drive: 20MB, 45ms. 25-1047	No adapter required	No adapter required	Requires 25-1088	Requires 25-1088	N/A
SmartDrive IDE XT/AT Hard Drive: 40MB, 28ms. 25-1048	No adapter required	No adapter required	Requires 25-1088	Requires SmartDrive Interface 25-4121	No adapter required
SmartDrive IDE AT* Hard Drives: 52MB, 17ms. 25-4124 105MB, 17ms. 25-4130 160MB, 17ms. 25-4126*	N/A	N/A	N/A	Requires SmartDrive Interface 25-4121	No adapter required
SCSI Hard Drives: 40MB, 19ms. 25-4159* 202MB, 15ms. 25-4164* 440MB, 16ms. 25-4167*	N/A	N/A	N/A	Requires SCSI Host Adapter 25-4161	Requires SCSI Host Adapter 25-4161

\*Drive mounts in 5 1/4" device slot in 2500 XL, 2500 XL/2, 2500 SX, 4016 SX and 4020 SX.



## 60MB Tape Cartridge System

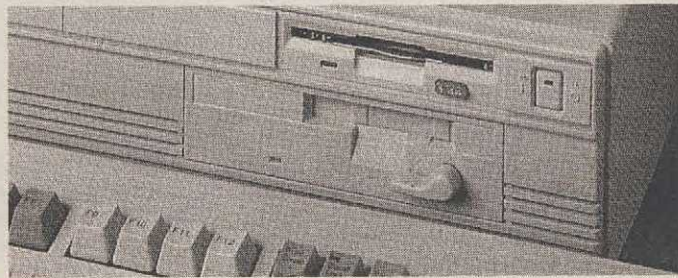
**5 1/4" 60MB Internal Tape Cartridge System.** Uses removable tape cartridges for convenience. Extra cards and cables (available below) allow sharing among multiple CPUs. 25-4079 ..... **399.95**

**External Converter.** Housing for 25-4079. 900-2404 ..... **169.95**  
**Internal Card.** For each additional cpu. 900-2405 ..... **89.95**  
**Cable.** For floppy adaptation. Required for most new Tandy CPUs. 900-2406 ..... **34.95**  
**1/4" 60MB Tape Cartridge.** For above. 26-246 ..... **37.95**

## 20MB Disk Cartridge

Great for fast access of archived data. This removable 20MB internal disk cartridge can double as a hard drive or be used to back one up. Provides hard drive capacity and performance. 25-4064 ..... **399.00**

**20MB Disk Cartridge.** 26-221 ..... **99.95**



## 160MB SCSI Tape Cassette System

Quickly back up your hard drive and disk files with 160MB of tape storage. Free up valuable disk space by transferring files from your hard drive to cassette tape cartridges (below). For AT-class computers with SCSI host adapter board (below). 25-4166 ..... **\$1099**

**160MB Data Cassette Tape.** For 25-4166 above. 26-129 ..... **44.95**  
**16-Bit SCSI Host Adapter.** 25-4161 ..... **349.95**

## 150MB SCSI Tape Backup

Protect your valuable data with 150MB of backup capability. This External Cipher System features a fast data-transfer rate. Requires SCSI Host Adapter (25-4161, sold separately). 900-2466 ..... **1199.00**

**1/4" Data Tape Cartridge.** For above 150MB SCSI Tape Backup System. 26-204 ..... **44.95**



# REALIZE YOUR PC's FULL POTENTIAL

## Stay On Top of Business With Upgrades

In any serious business, whether you're working or playing, flexibility is often your greatest asset. And when you expand, your PC needs to expand with you.

Radio Shack customers know that when it comes to their computing needs, we provide a *total* solution. This includes a complete line of expansion adapters, memory kits, math co-processors and specialty expansion items to give you the flexibility you need to stay ahead. All the items in our expansion line have been preselected for quality, compatibility and value. So you can be sure that you'll get the job done today . . . and tomorrow.

## Music and Speech Systems for Your Computer

**Sound Blaster.** Stereo music, voice and game ports. 24 voices and built-in amplifier. 900-2407 . . . . . **239.95**

**MIDI Connector Box for Sound Blaster.**  
900-2467 . . . . . **129.95**

**PC MusicMaker MIDI Studio Box.** Turns your PC-compatible into a 64-track digital music studio. PC MusicMaker is like a word processor for music. It makes it possible for a person with little or no formal musical training to create professional quality music, while it improves the output and quality of the accomplished musician. You can record music using any MIDI musical instrument. And you can record as many as 64 different tracks of music for the fullest, most complete sound you can imagine, one track at a time. Just think . . . you can record the spectacular sounds and harmonies of an entire orchestra by yourself. Play back your music . . . all of the tracks . . . all of the different sounds . . . all at once. Your music can be replayed through any MIDI instrument. You can even enhance your music by sending the audio output from the MIDI instrument to your stereo sound system. Record your music to audio tape through your sound system. Editing possibilities are almost limitless and so easy. You can manipulate your music until you have it just right. Adjust tempo. Record particularly difficult passages one hand at a time or you can record at a slower tempo and then play those passages back at a faster tempo. Change notes. Correct mistakes. Experiment with different instrument sounds. Align every note to the exact beat. And much more! You can even display each note, its duration and track. Includes external HRS-3000 Studio Box MIDI Interface and MAESTRO Sequencing Software to record, edit and play back your music. 3 1/2", 903-2469 . . . . . **269.00**

**Ad Lib Personal Computer Music System.** A complete musical hardware/software system for PCs. Comes complete with an 11-voice Ad Lib Music Synthesizer card, Juke Box Playback program, Visual Composer software and instruction booklet. For Tandy 1000/3000/PC-compatibles. 5 1/4", 905-2155 . . . . . **219.95**

**NEW! Bigmouth Voice Mail and Call Processing System.** A single-line system for PC compatibles that easily handles voice mail, call processing, tele-marketing, phone answering, order processing, auto-dialer database and call distribution. Includes plug-in half-size hardware card, software, phone cable, external speaker and complete documentation. 900-2492 . . . . . **299.95**



## 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. For Tandy 1000, SX, HX, TX, SL, SL/2 and RL. 25-1033 . . . . . **39.95**

**NEW! STB Rapid Meg.** Zero K memory expansion board for 4016 SX, 4020 SX, 2500 XL and 2500 XL/2. Configures for either extended or expanded memory with software drivers included. Expands up to 8 megabytes on board using 1-megabyte SIMMS (25-5134). 900-2400 . . . . . **259.95**

**Micro-Mainframe EMS-5150T Expanded Memory for Tandy 1000.** Provides up to 2MB of expanded memory (LIM 3.2) by using 256K memory kits. 5 1/4", 905-2161 . . . . . **199.95**

## Serial and Parallel Adapter for Tandy PCs

**New Low Price! Dual-Serial Port/Parallel Printer Adapter.** Was \$79.95 in Cat. RSC-22A. 25-4025 . . . . . **69.95**

## Math Coprocessors

A math coprocessor off-loads intensive math operations from the CPU—handling in one instruction what would take hundreds of instructions on a general-purpose CPU. What this means to you is speed, efficiency and accuracy. And, if you think a math coprocessor is only for scientists, engineers and programmers, think again. Many programs use math operations "behind the scenes." Math coprocessors can be a big help to business users as well. In fact, a math coprocessor can make hundreds of popular programs run up to five times faster, including graphics and desktop publishing, charts and diagrams, font generation, Postscript emulation, computer-aided design, spreadsheets and statistics, and databases. Installation is easy, too; just plug your coprocessor in and go.

**8087-8 8 MHz for 1000 SL, SX, SL/2, 1400 HD/FD/LT.**  
900-2121 . . . . . **149.00**

**NEW! 80287 for All Tandy 286-Based Desktops and Compatibles.** 900-2585 . . . . . **99.00**

**80387-16 16 MHz for 4000, 4016 DX.**  
900-2131 . . . . . **299.00**

**80387SX 16 MHz for 4000 SX, 4016 SX.**  
900-2321 . . . . . **149.00**

**NEW! 80387SX-20 20 MHz for Tandy 4020 SX.**  
900-2586 . . . . . **169.00**

**NEW! 287XLT for 286-Based Laptops.**  
900-2309 . . . . . **99.00**

**80387-20 20 MHz for Tandy 4000 LX, 4020 LX, 5000 MC.**  
900-2193 . . . . . **299.00**

**80387-25 25 MHz for Tandy 4025 LX.**  
900-2322 . . . . . **299.00**

**80387-33 33 MHz for 4033 LX.**  
900-2359 . . . . . **299.00**

**8087-5 5 MHz for Tandy 1000, 1000A, 1000 HD.**  
900-2120 . . . . . **99.00**



# BRING YOUR MEMORY UP TO SPEED

## Increase Your Potential and Your Productivity With Memory Upgrades

Like all Tandy products, our computer memory kits are manufactured to exacting standards and each one is carefully tested for quality, compatibility and proper operation in your Tandy computer. Many of our memory kits can also be used to upgrade other PC compatibles—check with your nearby Radio Shack authorized dealer for details.

**MS-DOS 5.0 and OS/2.** Memory management enhancements in these operating systems, and the Windows 3.0 environment, take full advantage of additional memory in your computer. These memory management features provide more

memory for your applications, the ability to run several programs at once (multitasking), faster execution and more efficient use of your computer resources.

**Local Area Networks.** Additional memory at the workstation allows device drivers and other system software to load into upper memory, freeing valuable 640K base memory for application use. In the server, additional memory provides performance improvement and maintains peak processing as the size of your LAN grows.

**SCO XENIX.** As the number of users accessing your SCO XENIX system increases, additional extended memory will insure there are no processing or access delays.

## Tandy Business Systems Memory Expansion Reference Guide

Tandy 2500 XL & Tandy 4016 SX	Expand from 1MB to:						
	2MB	4MB	6MB	8MB	10MB	12MB	14MB
Replace Memory in Unit	25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134
Memory Adapter	N/A	N/A	900-2400	900-2400	900-2400	900-2400	2 x 900-2400
Add to Adapter	N/A	N/A	25-5134	2 x 25-5134	3 x 25-5134	4 x 25-5134	5 x 25-5134

Tandy 3000 NL	Expand from 512K to:					
	640K	1MB	2MB	4MB	6MB	8MB
Main Logic Board	*25-4082	N/A	N/A	N/A	N/A	N/A
Memory Adapter	N/A	*AXX-2504027 +	*AXX-2504027 +	*AXX-2504027 + replace 512K	*AXX-2504027 + replace 512K	*AXX-2504027 + replace 512K
Add to Adapter	N/A	25-5135	3 x 25-5135	2 x 25-5134	3 x 25-5134	4 x 25-5134

Tandy 2500 SX, Tandy 2500 XL/2 & Tandy 4020 SX	Expand from 1MB to:						
	2MB	3MB	5MB	8MB	10MB	13MB	16MB
Main Logic Board	2 x 25-5135	25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134	2 x 25-5134
Memory Adapter	N/A	N/A	N/A	900-2400	900-2400	900-2400	2 x 900-2400
Add to Adapter	N/A	N/A	N/A	25-5134 2 x 25-5135	2 x 25-5134 2 x 25-5135	4 x 25-5134	5 x 25-5134 2 x 25-5135

Tandy 4000	Expand from 1MB to:				
	2MB	4MB	8MB	10MB	16MB
Main Logic Board	2 x 25-5135	2 x 25-5134	4 x 25-5134	2 x 25-5135	4 x 25-5134
Memory Adapter	N/A	replace 1MB	N/A	*AX2505029 +	*AX2505029 +
Add to Adapter	N/A	replace 1MB	N/A	4 x 25-5134	4 x 25-5134

Tandy 4000 LX	Expand from 2MB to:			
	4MB	8MB	10MB	16MB
Main Logic Board	2 x 25-5135	4 x 25-5134	N/A	replace 2MB 4 x 25-5134
Memory Adapter	replace 2MB	replace 2MB	*AX2505029 +	*AX2505029 +
Add to Adapter	replace 2MB	replace 2MB	4 x 25-5134	4 x 25-5134

Tandy 4033 LX, Tandy 4016 DX & Tandy 4020 LX	Expand from 1MB to:				
	2MB	4MB	8MB	10MB	16MB
Add to Memory Adapter	2 x 25-5135	2 x 25-5134	4 x 25-5134	add 2 x 25-5135	4 x 25-5134
Memory Adapter	N/A	replace 1MB	replace 1MB	25-6030	25-6030
Add to Adapter	N/A	replace 1MB	replace 1MB	4 x 25-5134	4 x 25-5134

Tandy 4833 LX/T Tandy 4820 SX/T	Expand from 4MB to:			
	8MB	12MB	16MB	Expansion beyond 16MB requires 4MB SIMMs.
Add to Main Logic Board	2 x 25-5134	4 x 25-5134	6 x 25-5134	

## 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 these computers:

**Tandy 4016 DX/4020 LX/4025 LX/4033/LX.** 32-bit memory adapter.  
25-6030 ..... 109.95  
**STB Rapid Meg.** 900-2400 .. 259.95

## SIMM Memory Kits

**NEW! 2MB Memory Kit.** Contains two 80 nanosecond 1MB SIMMs.  
25-5134 ..... 299.95

**NEW! 512K Memory Kit.** Contains two 256K 80 nanosecond SIMMs.  
25-5135 ..... 99.95

## Tandy 1000 Memory Expansion Adapter and Memory Kits

**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 RAM to Memory PLUS Expansion Adapter (above) or expands Tandy 1000 SX from 384K to 640K. Contains eight 256K x 1 DRAMs. 25-1079 ..... 59.95

**128K Memory Kit.** Adds 128K RAM to Tandy 1000 TX/TL, TL/2, TL/3 and Tandy 1000 SL, SL/2. Contains four 64K x 4 DRAMs.  
25-1078 ..... 39.95

**Micro Mainframe EMS-5150T Expanded Memory for Tandy 1000.** 5 1/4", 900-2161 ..... 199.95

**256K Memory Kit.** Adds 256K to Tandy 1000 RLs. Contains two 256K x 4 DRAMs. 25-1082 ..... 59.95

**NEW! 512K Memory Kit for Tandy 1000 RLX-FD.**  
25-1083 ..... 79.95



# GET THE MOST FROM YOUR SYSTEM



**Tandy Serial Mouse.** Microsoft® compatible. With DB9 female connector. **49<sup>95</sup>** 25-1040



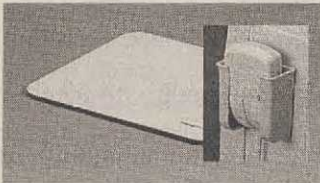
**Two-Button Mouse.** PS/2®-style mini-DIN connector. Microsoft compatible. **49<sup>95</sup>** 25-1042



**NEW! Z-NIX Rechargeable Cordless Mouse.** Eliminate the hassles of a cable. **109<sup>95</sup>** 900-0664



**NEW! Logitech Mouseman.** Each: **\$119**  
Serial Connector. 900-0665  
PS/2 Connector. 900-0666



**Mouse Hanger.** Keeps your mouse handy, but out of the way. **24<sup>9</sup>** 26-275  
**Mouse Pad.** 26-237 . . **4.95**



**Kraft System Toptrak Trackball.** Versatile and accurate cursor control. **99<sup>95</sup>** 900-0661



**NEW! IController.** For laptop and notebook PCs. **79<sup>95</sup>** 900-0657  
Desktop Version. 900-0654, **74.95**



**Kraft Systems Gamecard.** With Y-adaptor. Plugs into PC-compatible slot. **29<sup>95</sup>** 900-2369



**Pistol-Grip Joystick.** Use with Tandy 1000-series and Color Computer 3. **29<sup>95</sup>** 26-3123



**Joystick for IBM® XT.** Fast auto-firing, free-floating or auto-centering modes. **24<sup>95</sup>** 270-1707



**Advanced Gravis Mark VI Joystick.** **EACH**  
Tandy. 900-2380 **59<sup>95</sup>**  
IBM. 900-2381



**Maxxyoke Flight Control Stick.** Realistic action for flight simulation games. **79<sup>95</sup>** 900-2176

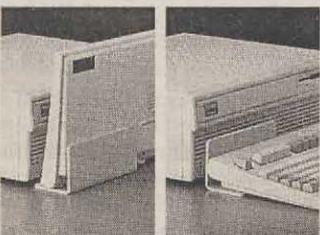
## Keyboard Accessories To Enhance Your PC System



**Enhanced Keyboard**  
101-key AT-style keyboard. Features separate numeric and cursor key pads and 12 function keys across the top. 5-pin DIN connector. **99<sup>95</sup>** 26-4032



**NEW! 6' Shielded Keyboard Extension Cable.** **89<sup>95</sup>** 26-149



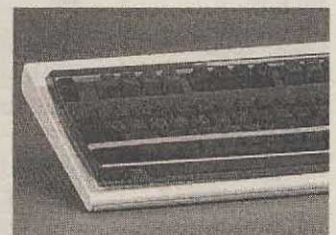
**Keyboard Flipstand**  
**NEW!** Saves desk space! This unique keyboard stand lets you store your keyboard on its side when you need extra desk space for working. **69<sup>95</sup>** 26-1335



**Keyboard Protector**  
Protects keyboard from dust, dirt and spills. Thin, flexible transparent cover stays in place while you type. No interference with adjacent keys. **19<sup>95</sup>** 26-123



**Keyboard Rest**  
Helps reduce keyboarding fatigue. May also relieve symptoms of Carpal Tunnel Syndrome. Elevates wrists to ideal typing posture. **12<sup>95</sup>** 26-147



**Keyboard Cover**  
Covers keyboard while not in use. Protects from harmful spills and dust. Made of durable, see-through styrene. Fits 101-key keyboards. **83<sup>95</sup>** 26-1336



# WE HAVE THE RIGHT CONNECTORS

## We Have the Printer Cable You Need (New Low Prices on Some Cables!)

Fits	Description	Length	Cat. No.	Each
Tandy 1000 Series (except 1000 RL/1000 TL/3)	Edge Card/36-pin Tandy port for most Tandy printers	6' S	26-225	27.95
		12' S	26-222	35.95
	Edge Card/36-pin IBM port	6' S	26-289	27.95
		12' S	26-1259	35.95
Tandy 3000/4000/5000/ 1400/WP2/IBM/1100 FD 1500 HD/2800 HD/2810 HD/ 1000 RL/1000 TL/3	25-pin male/36-pin Tandy port for most Tandy printers	6' S	26-227	24.95
		12' S	26-223	35.95
	25-pin male/36-pin IBM port	6' S	26-288	24.95
		12' S	26-1258	35.95
Color Computer/MC-10	4-pin DIN/4-pin DIN Special Serial Cable	6' S	26-3020	5.95
Model I/III/4/4P/4D	Edge card/36-pin Tandy port	6'	26-1401	29.95
Model II/12/16/16B/2000/6000	34-pin female header/36-pin Tandy port	6'	26-4401	29.95
Model 100/102/200/600	26-pin female header/36-pin Tandy port	6'	26-1409	16.95
26-2840 Cable Ext.	36-pin male/36-pin male Requires 26-2840	25' S	26-290	59.95

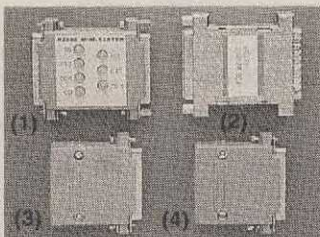
Note: An "S" after the cable length indicates shielded round cable.



**90° Angle Adapter.** Plugs into any printer cable or printer that has Centronics connections.  
**Rt. Angle.** 26-2867  
**Left Angle.** 26-2870 **10<sup>95</sup>**



**A/B Data Switch**  
Switches between peripherals.  
**DB25 Female.** 26-115  
**DB9 Male.** 26-151 **24<sup>95</sup>**



**Testers and Adapters**  
(1) RS-232 Mini Tester. 276-1401 ..... **14.95**  
(2) Serial Jumper. Programmable. 276-1403 ..... **9.95**  
(3) 6-Position Modular to RS-232 Adapter. 276-1405 .. **2.99**  
(4) 8-Position Modular to RS-232 Adapter. 276-1406 .. **4.49**



**Safety Cord Cover.** Six foot length of flexible plastic covers dangerous and unsightly loose cords on the floor. AC cord not included. 26-1379 ..... **13.95**

## Wire Management Made Easy

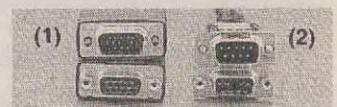
**Reusable Cable Ties.** 278-1622 ..... Pkg. of 10/4.99  
**Universal Cable Clips.** Up to 1/2" dia. 278-1639, Pkg. of 10/2.49  
**"Jumbo" Cable Clips.** Up to 5/8" dia. 278-1641 ..... Pkg. of 3/1.79  
**Cable Tie/Wire Marker.** Up to 5/8" dia. 278-1648, Pkg. of 10/2.49  
**4" Wire Ties.** 278-1632 ..... 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  
**Wire Tie Mounts.** 278-441 ..... Pkg. of 10/1.59  
**AC Cord Ties.** 278-1646 ..... Pkg. of 6/69¢  
**Spiral Wrap.** 10 feet. 278-1638 ..... **1.99**  
**Wall Feedthrough Bushing.** RG-59, 58, 62. 278-1643, Pkg. of 2/49¢

## 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	1.49
25-Pin Male Solder	276-1547	1.49
25-Pin Female Solder	276-1548	1.99
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

## Monitor Cables

(1) **VGA Monitor Extension.** 6' shielded. DB15. 26-255, **26.95**  
(2) **Monitor Extension.** 6' shielded. DB9. 26-257 .. **14.95**



## Shielded Serial Cables & Connectors



Description	Connectors	Cat. No.	Each
6' round shielded	DB25 male/DB25 male	26-249	16.95
6' round shielded	DB25 male/DB25 female	26-240	16.95
6' round shielded	DB25 male/DB9 female	26-268	17.95
6' round shielded	DB9 male/DB9 male	26-116	9.95
6' round shielded	DB9 male/DB9 female	26-117	9.95
6' round shielded	DB9 female/DB9 female	26-152	9.95
10' round shielded	DB25 male/DB25 male	26-291	24.95
25' round shielded	DB25 male/DB25 male	26-292	32.95
50' round shielded	DB25 male/DB25 male	26-293	46.95
100' round shielded	DB25 male/DB25 male	26-294	69.95
Null Modem Adapter	DB25 male/DB25 female	26-1496	4.95
Null Modem Adapter	DB9 male/DB9 female	26-264	3.95
Gender Changer	DB25 male/DB25 male	26-243	4.95
Gender Changer	DB25 female/DB25 female	26-1495	4.95
Gender Changer	DB9 female/DB9 female	26-266	3.95
Gender Changer	DB9 male/DB9 male	26-280	3.95
Adapter	DB25 male/DB9 male	26-1388	4.59
Adapter	DB25 female/DB9 female	26-265	4.59
Adapter	DB25 female/DB9 male	26-287	4.59
Adapter	DB25 male/DB9 female	26-209	4.59

## Connectors, Plugs and Jacks

**4-Position DIN Plug.** 274-007 ..... **1.69**  
**5-Position DIN Plug.** 274-003 ..... **1.69**  
**6-Position DIN Plug.** 274-020 ..... **1.79**  
**8-Position DIN Plug.** 274-026 ..... **1.79**  
**5-Position Inline DIN Jack.** 274-006 ..... **1.69**  
**8-Position Inline DIN Jack.** 274-027 ..... **1.99**  
**UG-88 Male BNC Connector.** For RG-59. 278-104 ..... **2.99**  
**UG-274 BNC "Tee" Connector.** 278-112 ..... **3.19**  
**UG-306 BNC Female-to-Female Adapter.** 278-115 ..... **1.99**  
**BNC Right-Angle Adapter.** 278-116 ..... **3.99**  
**Solderless Male TNC Connector.** For RG-58. 278-140 ..... **1.99**  
**Coax Stripper.** For 3/16" to 5/16" cables. 278-240 ..... **12.95**  
**Computer AC Power Cord.** 6-foot. 278-1257 ..... **3.99**  
**Power Cord Extension.** 6-foot. 278-1259 ..... **4.99**  
**Computer Power Cord.** 12-ft. 278-1261 ..... **5.99**  
**Right-Angle Power Cord.** 6-foot. 278-1260 ..... **5.99**  
**25-Cond. RS-232 Cable.** (Ribbon) 5-foot. 278-772 ..... **3.59**  
**36-Cond. RS-232 Cable.** (Ribbon) 6-foot. 278-774 ..... **4.69**  
**Plug-In AC Outlet Analyzer.** 22-101 ..... **5.95**



# CREATE YOUR OWN WORKSTATION



## Deluxe Workstation

- Handy Right Side "Drawer Pedestal" Rolls Out and Holds Standard 80-Column Printer

(1) 29½ x 60½ x 27¼" Desk (#26-144, \$249.95) and 24⅞ x 60½ x 11⅝" Hutch (#26-145, \$109.95). Easy to assemble. Reg. Sep. Items \$359.90. You save \$29.95.

**339<sup>95</sup>**

## Mobile Work Center

- Rolls on Four Casters
- Compact 30¼ x 22 x 15⅞"
- Holds Complete System

(2) Get this handy computer cart for complete mobility and easy setup. The cart includes four shelves to hold plenty of supplies. Assembly required. 26-118

**69<sup>95</sup>**

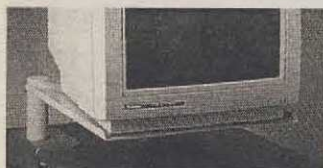
## Desk and Printer Stand

- Includes Latching Keyboard Shelf
- Simulated Oak Veneer

(3) **Workcenter Desk.** Our easy-to-assemble desk for your complete computer system. Pull-out drawer. 28¼ x 43⅝ x 23⅝". 26-150

**99<sup>95</sup>**

(4) **Printer Stand.** With paper shelf. 26¾ x 21½ x 18½". 26-242 . . . . 49.95



## Innova Monitor Arm

Pivots monitor for best viewing. Easy to swivel. 900-2285 . . . . . **39.95**



## Monitor Platform

Molded plastic. 4⅞ x 20⅞ x 12". Easy to assemble. 26-1329 . . . . . **19.95**



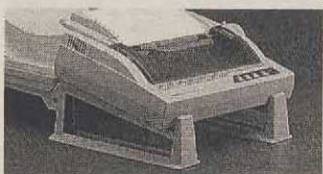
## Monitor Pedestals

11 x 10". 26-1369 . . . . **16.95**  
13½ x 11½" for Large Monitors. 26-125 . . . . . **22.95**



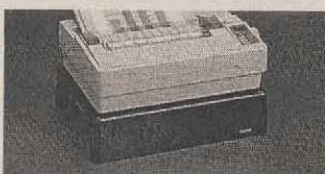
## Copy Hinge

Friction rollers grip copy efficiently. Mounts on right or left. 26-124 . . . . . **6.95**



## Stand with Tray

Use with your 80 or 132-column printer. Easy to assemble. 26-1392 . . . . **14.95**



## Printer Platform

Accommodates an 80-column rear or bottom feed printer. 26-146 . . . . . **19.95**



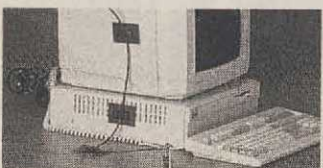
## Printer Supports

Stores fanfold paper under your 80-column printer. Easy to assemble. 26-236 . . **8.95**



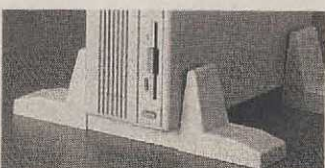
## Computer Care Kit

**NEW!** Get everything you need to keep your computer, monitor and disk drives clean—outside and in! Contains a 15-application disk drive cleaner kit, plus one four-ounce pump spray bottle each of video display cleaner, case and cabinet cleaner, and anti-static solution. Also includes 25 lint-free, non-residual cleaning wipes for those quick monitor display touchups. 26-296 . . . . . **19.95**



## Cable Security System

Mounting plates attach to desk, computer. Includes lock, cable. 26-1376 . . **24.95**



## CPU Floor Stands

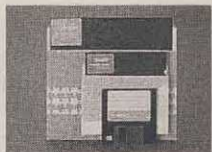
Opens 3⅝" to 6⅞" wide. Not for 1000 RL. 26-119 . . . . . **Pair/14.95**

## System Dust Covers

Equipment	Cat. No.	Each
Universal CPU w/Monitor	26-541	<b>9.95</b>
Universal Color Monitor	26-548	<b>5.95</b>
DMP 107/133/134	26-549	<b>6.95</b>
DMP 300/302	26-550	<b>6.95</b>



# DISKETTES & POWER ACCESSORIES



## Double Certified Diskettes For Quality Performance

- All Are Highest Quality, Double Certified
- 3 1/2" and 5 1/4" Come in Protective Plastic Boxes

### 3 1/2" Diskettes

Tracks	Capacity	Qty.	Was in Cat. RSC-22A	Cat.No.	Price
80	720 KB	3		26-417	5.95
		10	16.95	26-418	15.95
80	1.44 MB	3	14.95	26-423	10.95
		10	42.95	26-424	31.95

### 5 1/4" Diskettes

Tracks	Capacity	Qty.	Was in Cat. RSC-22A	Cat.No.	Price
40	360 KB	3		26-411	4.95
		10	11.95	26-412	10.95
80	720 KB	3	7.95	26-409	5.95
		10	19.95	26-410	14.95
80	1.2 MB	3	7.95	26-421	6.95
		10		26-422	18.95

## 8" Single and Double Sided

Size	Tracks	Capacity	Qty.	Cat.No.	Price
8" SS	77	608 KB	10	26-4906	37.95
8" DS	77	1.2 MB	10	26-4960	39.95

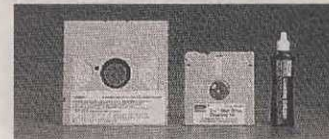
## Diskette Labels

3 1/2", In four great colors. 26-244 ..... Pkg. 100/2.95  
5 1/4", Four colors. 26-245 ..... Pkg. 100/2.95



## Diskette Storage Boxes

(1) Economy Tote Boxes.  
3 1/2", Holds 3. 26-213 ..... 1.09  
3 1/2", Holds 10. 26-273 ..... 1.29  
5 1/4", Holds 3. 26-216 ..... 1.19  
5 1/4", Holds 10. 26-274 ..... 1.39  
(2) NEW! Diskette Storage Boxes.  
3 1/2", Holds 35. 26-140 ..... 11.95  
5 1/4", Holds 50. 26-141 ..... 13.95  
(3) Deluxe Library Boxes.  
3 1/2", Holds 5. 26-1380 ..... 2/2.95  
5 1/4", Holds 5. 26-1348 ..... 2.95



## Disk Drive Cleaning Kit

NEW! Contains 3 1/2" and 5 1/4" disks and 1 oz. of cleaning fluid. 15 cleanings each. 26-295 ..... 7.95

## Disposable Kits. 2 cleanings.

3 1/2". 26-271 ..... 3.29  
5 1/4". 26-239 ..... 2.39



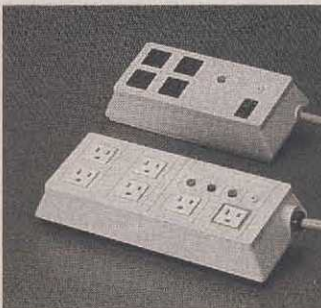
## Backup Power Supply

Taesung UPS-3160P. Gives peace of mind. 300-watt backup power for 8 minutes. Provides power conditioning and battery backup for a server attached to a network. 3 x 16 x 11". 900-2281 ..... 395.00



## Two-Outlet Protector

Don't wait until it's too late—protect your computer and monitor now! Provides 3-way spike protection and filtration. Features push-to-reset circuit breaker and two outlets. 26-1395 ..... 18.95



## Power Centers

4-Outlet. With 3-way spike protection and 1-way filtration. 26-1365 ..... 39.95  
6-Outlet. Turns on peripherals automatically. 3-way spike protection/3-way filtration. 26-1396 ..... 69.95



## Switching System

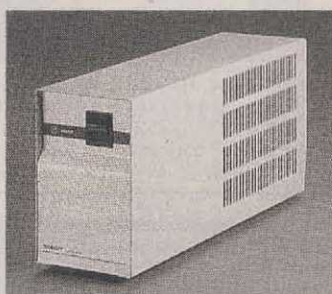
A "must" for your computer. Provides 3-way spike protection and filtration. Handy unit turns five individual accessories on and off from the front panel. Rated 15A. 26-203 ..... 99.95

## Line Regulators

SOLA PC-300. Protects against surges, sags, spikes, brownouts and electrical noise. 300VA. 900-2386 ..... 179.00  
SOLA PC-500. 500 VA. 900-2387 ..... 239.00

## Internal UPS Card

Dakota Microsystems Power-Save 500. Mode 1: Automatically saves and restores computer's state upon power failure. Mode 2: Powers computer for up to 20 minutes. Designed for MS-DOS systems. 900-2394 ..... 299.00  
Adapter Cable for Tandy 3000/4000. 900-2425 ..... 14.95  
Adapter Cable for Tandy 2500 XL and XL/2. 900-2426 ..... 14.95



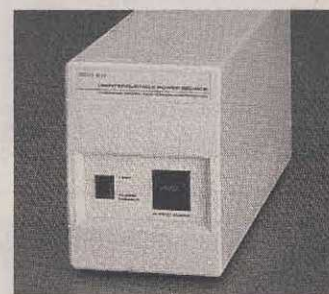
## Off-Line UPS 300

NEW! High-performance unit will protect your computer and peripherals by providing power during electrical failures and by filtering utility line to remove spikes. Three output receptacles. 250 watts. 26-251, 329.95



## Standby Power System

SAFE Systems. 500 watts. 900-2150 ..... 675.00  
SAFE Systems. 1200 watts. 900-2151 ..... 1199.00  
American Power Model 200 DL (not shown). 140 watts. 900-2396 ..... 199.00



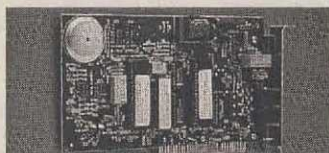
## Intelligent Backup

American Power Conversion 520 ES. 360 watts/520 va for 5 minutes. 900-2487 ..... 499.00  
Interface Board for Novell File Server. 900-2488 ..... 89.00  
Software for SCO-XENIX/UNIX. 900-2489 ..... 99.00

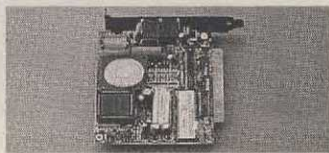


# HIGH-QUALITY, HIGH-SPEED MODEMS

## 2400-bps Modems—Great for Home or Office!



**Tandy 2400-bps Half Card.** Saves connect time. CCITT V.22 bis with full Hayes command set. Was \$149.95 in RSC-22A. 25-1037 **NEW LOW PRICE! 99<sup>95</sup>**



**Best Data SMART ONE Half Card.** Auto answer/auto dial. Xenix, Bell 103/212A, Hayes compatibility. Was \$139.00 in RSC-22A. 900-2180 **NEW LOW PRICE! 99<sup>95</sup>**



**Best Data SMART ONE External.** 2400/1200/300 bps. Xenix compatible, 4 communication ports, Hayes commands. Was \$149.00 in RSC-22A. 900-2212 **NEW LOW PRICE! 119<sup>95</sup>**



**Zoom Telephonics MX2400 External Modem.** A high performance modem in a compact package. Modem features CCITT V.22 bis. Hayes compatibility. 900-2214 **\$129**

## Internal Modems for Tandy Laptops

We offer superior modems that make it easy for you to download your work directly to your personal computer—even if you're miles away. But our commitment to quality doesn't stop there. Modems are FCC registered (use only with Bell-compatible equipment).

Computer	Speed	Fax	Cat. No.	Price
Tandy 1100	2400 bps	n/a	25-3538	199.95
Tandy 1500/1800 2810/3810	2400 bps	n/a	25-3525	199.95
Tandy 1500/1800 2810/3810	2400 bps	9600/send	25-3509	249.95
Tandy 2800	2400 bps	n/a	25-3555	199.95

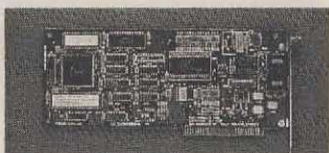
## Portable Modems for On-the-Go Communications

### by Touchbase Systems



**2400-bps.** Battery powered. CCITT V.22bis/V.22, Bell 103/212A. Hayes compatible. 900-2207 ..... **259.00**

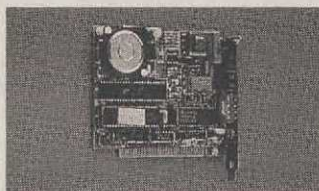
**1200-bps.** Battery powered. Bell 212A/103, CCITT V.22 and Hayes compatible. 900-704 ..... **169.00**



### Tandy FaxMate™ With The DeskMate Interface

An easy-to-use facsimile board featuring software that uses the DeskMate Graphical User Interface™. Simply create

a cover sheet using the fax software utility, then compose the document using any DeskMate application and send the data to the desired destination. Using the stand-alone MS-DOS mode, standard PC software may also be used. Display and print incoming faxes, broadcast a fax to several different recipients or poll other stations for incoming faxes. FaxMate interacts with PCs with 640K RAM and hard drive. 25-3063 **249<sup>95</sup>**



## Error-Free Data Transfer Modems

**Digitan Systems DS24M Half-Card.** MNP 2-5 in software. Features asynchronous or synchronous operation. 900-2295 **129<sup>95</sup>**

**Computer Peripherals 2400-bps External Modem.** MNP 2-5 in hardware. Asynchronous and synchronous. For Xenix. 900-2378 **\$229**

## Hi-Performance Modems Cut Transmission Costs



**Telebit T1000 External Modem.** PEP 1 protocol, 9600-bps uncompressed throughput, and fallback to 2400/1200/300-bps. Error-free, with PEP and MNP level 5 error correction. 900-2283 **\$795**



**Telebit Trailblazer Plus.** Allows error-free data link with PEP 2 protocol, compression to 19,200 bps. Fallback to 2400/1200/300-bps. Created for Xenix and 3Com network-to-network communications software. 900-2172 **\$1145**



**NEW! ATI 9600-bps External Modem.** V.32, V.42, V.42bis, MNP 1-5, compression to 38,400. Fallback to 4800/2400/1200/300-bps. For XENIX, 3Com and Novell. 900-2673 **\$499**

**NEW LOW PRICE! Cardinal Technologies V.32 9600-bps Internal Half-Card Modem.** Was \$799 in RSC-22A. 900-2399, **699.00**

## Shorthaul Modems



**Telebyte.** Modem/line driver links RS-232-based devices. Full duplex, 19,200 bps. 900-2004 ..... **109.00**

**Telebyte RS-232 to Phone Plug Converter: Terminal.** Converts RS-232 port to modular phone connector. 900-2006 ..... **29.95**

**Telebyte RS-232 to Phone Plug Converter: Host.** Converts RS-232 port to modular phone connector. 900-2005 ..... **29.95**



## Peripheral Accessories

**Acoustic Coupler 2.** Acoustic cups fit round or square handsets. For WorldPort portable modems, Tandy 102 or DCM-6. 26-3818 ..... **59.95**

**Konexx Black Jack.** Great for use with phones that don't have modular jacks. Slips onto mouthpiece. Improves sensitivity. 900-727 ..... **59.95**



# ON-LINE COMMUNICATIONS

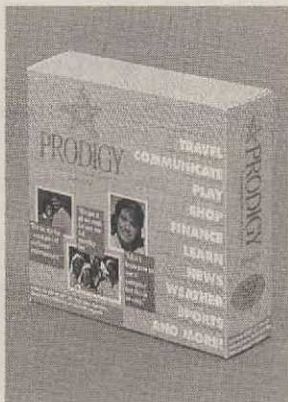
## FLASHLINK Communications

Now you can link up your computer with "raw" efficiency! FLASHlink makes a speed demon out of your Hayes compatible modem regardless of its horsepower. That means savings because you can upgrade your existing system's modem instead of buying an expensive, faster one. FLASHlink also cuts out transmission errors. 3 1/2", 903-1452. **\$79**  
5 1/4", 905-1452.



## PRODIGY Start-Up Kit

Get online with the latest news, weather and sports, plus shopping, entertainment, financial services and electronic mail—it's all yours on the PRODIGY Interactive Personal Service. Your membership lets up to six people in your household explore a constantly growing selection of useful information and helpful services. What are you waiting for? **4995**  
23-1256



## Carbon Copy PLUS 5.2

Remote-control communications software package that allows users to access, observe and control the operation of another PC over an asynchronous communications link. Also offers remote service, diagnostics, demonstration capabilities and training. Contains terminal emulation. 3 1/2", 903-3309. **19995**  
5 1/4", 905-3309



## CompuServe Membership Kit

Keep abreast of the latest news and financial reports! CompuServe is a useful interactive videotex service. It features Communications & Bulletin Boards, Money Matters & Markets, Financial Transaction Services, Electronic Shopping, News, Weather and Sports, Travel Information, Education, Entertainment and Games. 900-2873 **3995**



## Software to Let Your Computer Communicate With Other Computers

### Enter the Information Age With Communications Software

One of the easiest ways that anybody can maximize the use of their computer system is to utilize online computer services (like those described on this page). These services maintain huge banks of information, accessible to PC users over the phone lines. All you need is a telephone modem for your PC and a subscription to your choice of several online services. Online services are a "must" for anybody who needs the latest financial reports and market conditions, the latest news, quick reference materials, electronic mail—any data that can be transmitted over the telephone. Online services are easy to access and to use—you don't have to be a computer veteran to enjoy all the benefits—it's as easy as a phone call! And these services don't stop at high finance or news. After business hours, relax with other services such as: book, movie and music reviews, shop-at-home services and more. You can check travel schedules, access entertainment and sports news and play games with users across the country—there's something for everybody—including you!

### Get Online Fast—Selected PCs and Modems Include These Great 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 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 a low, hourly rate, you can download software, chat with other members and send electronic mail. There are no surcharges for 1200 or 2400-bps modem access, either.

**America Online.** An easy-to-use graphical online service that brings your computer to life. It uses a graphical interface, including pull-down menus and colorful icons. Just point and click with your mouse, or press a key or two on your keyboard to use a wide range of useful services. You'll join a nationwide community of PC users that will put you in touch with interesting people from coast to coast. Services include News and Finance, People Connection, Life-

styles & Interests, Games & Entertainment, Travel & Shopping and more. American Online also features an online encyclopedia that's great for helping kids with reports and homework. Join the fun and informative online service that's easy to use, and powerful enough to be useful.

### PC Communications

**TEworks.** An ANSI, VT100/102 and VT220 terminal emulation package for PCs. TEworks features user-definable menu directory, flexible configuration options, connection status displays, ASCII nonprotocol and XMODEM file transfer. A handy tool! 900-3347 ..... **85.00**

**Let's Talk.** Now two PCs can talk! Transfers ASCII files between TRSDOS and/or MS-DOS computers, using modems or direct-connect cables. Allows files of any size to be transferred to or from an unattended computer, initiates the transfer from either computer and offers three transfer speeds. In addition, Let's Talk allows users to communicate directly by displaying on one computer screen what is typed on the keyboard of the other computer. 5 1/4", 905-0239 ..... **159.00**



# CONTROL YOUR PC WITH UTILITIES

## Direct Access

A "must-have" computer utility that keeps your system organized! Organizes your software programs into a user-defined menu system. With a single keystroke you can then access any program or command. Also provides usage reports that allow you to monitor what software is being used, on which computer and for what project. Includes virus detection and password protection as well.

**9900**



## NEW! BeckerTools Windows 3 Utility

Made for use with Windows 3.0, BeckerTools includes all the standard utilities and a few more. Even a novice can use them because the program has three user levels. Prevent memory loss with the backup feature and screen "burnout" with an automatic screen blanker. If you accidentally erase a file or directory, get it back with Undelete.

**12995**



## NEW! Norton Utilities

Norton Utilities are the toolbox of your computer's memory; they are used to "repair" accidentally deleted files and increase the computer's efficiency. You can use Norton Utilities to retrieve your lost files, reorganize disk space and compare files on different disks. This program can also increase your computer's efficiency and more!

**14995**



## Laplink III: PC-to-PC

This program lets computers share data without the expense of investing in a major computer network system. Laplink III provides a fast, easy-to-use, versatile way of transferring information accurately between your desktop and laptop computer. Includes a data cable for multiple connection option.

**14995**



## More Utilities

**PathMinder.** A hard disk management system featuring file management, directory management, text management, system log and file security protection. Easy-to-use PathMinder helps you maximize your proficiency by avoiding cryptic DOS commands. It's designed to be simple enough for the beginner, yet powerful enough for the expert. 3 1/2", 903-1305.

5 1/4", 905-1305 ..... **89.00**

**Mace 5.** Gives you the power to recover from mistakes, disasters and changes of heart. It also helps you optimize your system for peak performance, with programs that are more powerful and easier to use than ever before. Perform automatic correction, do rigorous disk testing and recover deleted files. With Mace 5, you can even protect your computer from viruses, do fail-safe disk formatting and much more!

3 1/2", 903-1350. 5 1/4", 905-1350, **99.00**

## Virus Protection

**NEW! Norton AntiVirus.** The Norton AntiVirus is a comprehensive solution for preventing viruses from infecting your PC. It detects existing infections or irregularities at work. It even lets you create your own customized alert

message for virus detection. Once Norton AntiVirus detects an existing infection, it can repair most infected files quickly and easily. In addition, Norton AntiVirus has an intercept program constantly protects against infected files entering your system.

900-2631 ..... **149.95**

## Menu Options

**FASTLYNX: Laptop to Desktop.** The shortest distance between laptop and desktop is through FASTLYNX. No file transfer utility is faster or easier to use. It transfers at over 700K baud parallel and 200K baud serial. Use the FASTLYNX Split-Screen Mode for easy-to-see file transfer and Form Mode to create file transfer macros. Includes parallel and serial cables.

900-1431 ..... **159.95**

**NEW! Screen Works.** Should you find Windows 3 somewhat drab, spruce it up with Screen Works. Screen Works has more than 80 colorful custom icons to provide a rich variety. This program also includes a screen saver which can use fireworks, kaleidoscopic geometrics or customized blinking icons to prevent "burnout." To save yourself the trouble of exiting your document every time you leave your work station, Screen

Works also has password protection. 900-2614 ..... **39.95**

## Document Conversion

**TRSCROSS.** TRSCROSS makes the transition from Tandy/Radio Shack DOS to Microsoft DOS easier for you. It runs on PC-compatible computers, yet reads TRS-diskettes and can send data in either direction. Now you can easily convert TRS-80 data and BASIC programs over to MS-DOS without cables or modems! This eliminates the need to rekey data. TRSCROSS even formats TRS-80 diskettes on your PC. Save money, time and effort with TRSCROSS.

5 1/4", 905-3212 ..... **89.95**

**NEW! WPduet.** Tandy WP-2 Portable Word Processor data files can be transferred to a Macintosh with the WPduet program and hardware. The 4-headed cable can connect the Macintosh to the Tandy WP-2 or the Tandy Portable Disk Drive. Two connectors appear at each end of the cable and each connector has a special purpose. On one end of the cable is a DB9 male connector that is provided for connection to older 512K and 512KE Macintoshes. A Mini-8 male connector for connection to newer Macintosh plus SE and II computers is also provided.

900-0723 ..... **99.95**



# BUSINESS TOOLS

## NEW! Instant Recall Personal Information Manager

- Ties Together Tasks And Suggestions
- Juggles Meetings, Deadlines and Reports
- Pops Up Alarm Messages Over Other Software
- Checks for Conflicting Schedules



Instant Recall helps busy people get things done—tying together meetings, reports and lists. Notes, schedules, names, addresses and tasks can be retrieved and viewed on a single screen using topic, date, person assigned, priority or embedded text as a reference. If you tend to be forgetful, Instant Recall automatically pops up alarm messages. Also offers phone dialer, scheduling and tasks for multiple people, recurring activities, follow-up dates, password protection and mouse support. 900-2649

**9995**

## NEW! Expense It! Business Expense Manager

- Helps Bill Projects And Clients
- Prints Expense Reports On Company's Forms
- Tracks Cash Advances And Reimbursements
- Eases Trials of Tax Preparation



How much money has your business lost as a result of loose expense management? Use this program to coordinate the many aspects of cash flow such as billing clients and projects, tracking cash advances and reimbursements, and keeping business expenses separate from personal finances. Expense It! is a good program for travelling business people. Categorizes expense and payment types, calculates and prints expense reports. Includes foreign currency calculator. 900-2926

**12999**

## Languages

**NEW! Programmer's CD-ROM.** Contains extensive computer language libraries for many different computer languages: ADA, Artificial Intelligence, Assembler, BASIC, C, dBase, Lotus, Pascal and others. 900-2877 .. **149.00**

**Microsoft QuickBASIC 4.5 Compiler.** An instant programming environment with an edit-and-continue feature, integrated debugging and enhanced language capabilities. 3 1/2", 903-0482. 5 1/4", 905-0482 .. **99.00**

**Microsoft QuickPascal.** The fastest way to learn Pascal is also the fastest way to program in Pascal. You can start developing programs right out of the box. 3 1/2", 903-1343. 5 1/4", 905-1343 .. **99.00**

**QuickC With Assembler.** Save time with an integrated editor, compiler, assembler and debugger that lets you create C programs, mixed C and Assembler programs or Assembler programs that stand alone. 3 1/2", 903-2728. 5 1/4", 905-2728 .. **199.00**

**Microsoft QuickC Compiler 2.0.** A seamlessly integrated editor, incremental compiler, incremental linker and NMAKE program maintenance utility. 3 1/2", 903-3256. 5 1/4", 905-3256 .. **99.00**

**Macro Assembler.** A complete software development package that offers a high-speed assembler with MS OS/2 and MS-DOS support. 5 1/4", 905-1201 .. **129.00**

**NEW! ToolBook.** If you haven't found a "perfect fit" in existing programs, ToolBook is for you. This software construction for Windows allows you to create

applications information management, courseware and animated presentations quickly. 25-1442 .. **495.00**

**NEW! Guide.** This Windows application combines ease of use with the power of a programming language to assemble multimedia presentations. Bring images created in your paint program, text from your word processor, and sound and video, and see what Guide can do to help you create compelling, visually exciting multimedia documents. 25-1443 .. **495.00**

## Management Tools

**Arriba.** Helps you collect, organize and retrieve information. Keep track of names and addresses, appointments, phone conversations, reminders to yourself and others, status of projects, notes on meetings, and other details. 900-2919 .. **195.00**

**Microsoft Project.** Whether you are managing a single or multiple projects Microsoft Project will help you plan, manage and monitor. Use it to schedule individual projects, or department projects. You can also use it to combine separate schedules into a master schedule.

In addition, Microsoft does time and cost calculations and displays a graphic schedule for the project. Track budgeted versus actual cost by creating a Microsoft Multiplan worksheet from your project's data. Also allows you to predict how a change in funding or scheduling will affect the outcome.

Microsoft Project can easily be used by both the novice and the seasoned scheduler. 900-0473 .. **429.00**

## Business Management

**Amortizer III.** Makes creative financing effortless and fun! It's great for calculating house, boat and car payments, as well as million dollar loans. The different payment schedules can be printed to the screen or printer. 3 1/2", 903-0238. 5 1/4", 905-0238 .. **49.95**

**Amortizer Plus.** Same features as above plus prints amortization schedules by selected dates, calculates leases, APR, accommodates wrap note. Also allows compound period different than pay period and many other advanced features. 3 1/2", 903-3320. 5 1/4", 905-3320 .. **99.95**

**Quincy Mailmate.** Full-featured, menu-driven mail list management program for personal and professional use. Will create, update and print mailing and phone lists and organizational records. Prints labels in 15 standard and one custom format. 900-3278 .. **54.95**

**Ronstadt's Financials.** First software package designed to prepare complete financial projections, budgets and analyses. Enter operating assumptions and you'll automatically generate income statements, balance sheets, cash flow projections. 900-1413 .. **119.00**

**Up Your Cash Flow.** Easy to learn and easy to use, Up Your Cash Flow lets you figure profit/loss, make cash flow forecasts and project balance sheets and budgets. Includes "what if" analysis feature. 3 1/2", 903-2998. 5 1/4", 905-2998 .. **99.95**



# POS SOLUTIONS FOR RETAILERS



## RealWorld Point-of-Sale Plus

If you're ready to gain control of your business, then you're ready for Point-of-Sale Plus! This software features automated point-of-sale functions linked directly to inventory. When you use RealWorld Point-of-Sale Plus, you'll know the status of your stock room without doing those time-consuming physical counts. This means you can better evaluate what merchandise is moving and what isn't.

In addition to its power, RealWorld Point-of-Sale Plus is easy to learn and use. Using the helpful tutorial to guide you through, you'll soon be able to use Point-of-Sale Plus to do POS, Accounts Payable and Receivable, Payroll, Check Reconciliation, General Ledger and Inventory.

Save time, money and a lot of effort—get RealWorld Point-of-Sale Plus software and take control, instead of inventory! 3 1/2", 25-1469. 5 1/4", 905-2996 **\$495**

Hardware shown sold separately

## Software and Hardware Upgrades for Multiuser Systems



**NEW! RealWorld Point-of-Sale Plus for LAN.** Link multiple terminals together and simplify inventory tracking with the LAN version of RealWorld Point-of-Sale Plus! Includes helpful tutorial to guide you. Also Novell compatible. **\$995**  
3 1/2", 25-1470. 5 1/4", 905-2651

**LANtastic AI/Network Operating System.** 25-4220 . . . . . 99.95

**TandyLink Adapter.** 26-5601 . . . . . 99.95

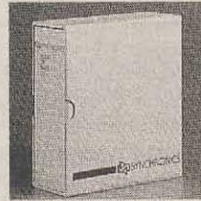
**TandyLink Plus Adapter.** 26-5602 . . . . . 99.95

For additional adapters and cables, see page 12.



**American Magnetics Magnetic Stripe Reader.** Reads track two with just one swipe of your customer's credit card. 900-2397 . . . . . **179.00**

**AC/DC Adapter.** This adapter is required for above. 9VDC. 273-1651 . . . . . **10.95**



**NEW! Synchronics Point-of-Sale.** Point-of-Sale is a system that provides cash register functions on a computer work-station, so your register doubles as an accounting and inventory tool. Handles virtually all aspects of your retail operation, from sales transactions to financial statements. The result: better

evaluation of your assets—better evaluation of your current situation. You don't have to let money slip through the cracks because of sloppy inventory tracking. Requires **\$1095**  
25-1460 and 25-1466. 25-1465

**XENIX Operating System.** 25-5203 . . . . . 795.00

**UNIX Operating System.** 3 1/2", 903-1795 . . . . . 895.00

### POS Unterminal Workstation

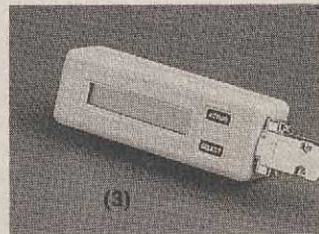
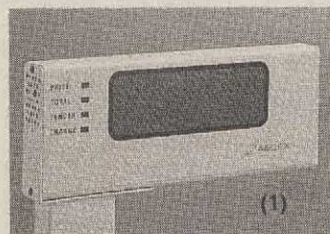
**VM-5 Monochrome Monitor.** 25-3012 . . . . . 149.95

**101-Key Keyboard.** 25-4032 . . . . . 99.95

**Base Adapter.** 900-2575 . . . . . 649.00

**I/O Adapter.** 900-2577 . . . . . 399.00

For additional unterminals and cables, see page 12.



## Use Hardware Options to Customize Your System

**(1) NEW! AEDEX Customer Display Device.** This display sits at eye level, can easily be viewed from all angles and takes up little counter space. Connects to serial port. 900-2666 . . . . . **395.00**

**(2) Opticon Bar Code Wand/Wedge.** Onboard decoder eliminates need for external decoder box. Connects to keyboard port. 900-2674 . . . . . **320.00**  
Serial. 900-2667 . . . . . **320.00**

**(3) NEW! Opticon Memory Module.** Use with a serial Opticon Wand or CCD to become a portable data collector. Plug to your CPU RS-232 port and update your inventory. Requires 900-2668 (below). 900-2669 . . . . . **460.00**

**(4) Opticon CCD Scanner/Wedge With Holder.** 2" CCD barcode scanner, onboard decoder. 900-2675 . . . **625.00**  
Serial. 900-2668 . . . . . **625.00**

**MMF Cash Drawer (not shown).** Connects between your computer's parallel port and a printer. **Parallel.** 25-1067.  
**Serial.** 900-2474 . . . . . **399.00**

**Ithaca Model 52 Pc OS Printer.** Prints 160 characters per second. 900-2297 . . . . . **799.00**

**PS/2-Style Connector.** 900-2441 . . . . . **19.95**



# INTEGRATED ACCOUNTING

## Increase Your Accounting Productivity With the RealWorld Accounting Solution

RealWorld business accounting software provides the tools necessary to gain financial control of your business. Numerous applications and the modular design of RealWorld software let you create a fully integrated system addressing all your current and future accounting needs. This proven, reliable software has been refined over ten years of real-world use in over 250,000 installations in a wide variety of businesses. State-of-the-art technology and innovative design make RealWorld your ideal choice for a complete business accounting solution.

## RealWorld Accounting Software Has a Lot to Offer:

- Multiple Operating System Support Under MS-DOS, and Novell Networks and SCO XENIX/UNIX
- Enhanced Multiuser Capabilities, Including Field-Looking Capability for Faster, More Efficient Use
- Extensive Online Context-Sensitive Help and Excellent Documentation Contribute to Ease Of Use
- Pre-Defined Data for Five Types of Companies And an Automatic Install Procedure Assist in Fast Startup and Implementation
- Option of Two Menu Styles—Traditional Multi-Level and Powerful, New "Pull-Down" Menu Systems
- Easily Incorporates Add-On Modules for Retailing, Distributing and Manufacturing Businesses

**System Manager:** Required for system installation and operation. Includes automatic installation procedure, run-time, password program, sample data and glossary.

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

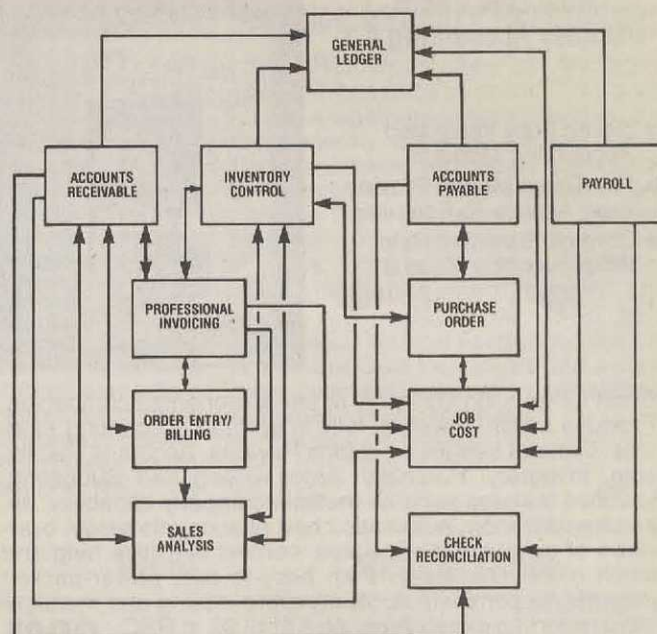
**Professional Invoicing:** Provides invoicing functions for professional services. Can be tailored to work with almost any invoice form or blank paper. Requires Accounts Receivable.

**Report Writer/Data Bridge:** Design custom labels, reports and graphs. Bridge data to other business applications.

**Job Costing:** Tracks status of 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. Runs stand-alone or can be integrated with base accounting modules.

**Payroll:** A complete payroll system with Magnetic Media Reporting, Multi-State and 401K capabilities.

**XM:** A DOS memory extender that allows applications to address the full 16MB capacity of 80286 or 80386 based machines. With XM, applications can include programs which would normally be too large for DOS based machines because of the 640K DOS limit on accessible memory.



## Design Your Accounting System

DESCRIPTION	MS-DOS/NETWORK			SCO XENIX/UNIX	
	3 1/2"	5 1/4"	Price	3 1/2"	Price
General Ledger	903-1438	905-1438	695.00	25-1464	895.00
Accounts Receivable	903-1439	905-1439	695.00	25-1461	895.00
Accounts Payable	903-1444	905-1444	695.00	25-1462	895.00
Payroll	903-1443	905-1443	695.00	25-1463	895.00
Order Entry-Billing	903-1441	905-1441	695.00	903-1786	895.00
Professional Invoicing	903-1440	905-1440	695.00	903-1773	895.00
Inventory	903-1442	905-1442	695.00	903-1787	895.00
Purchase Order	903-1447	905-1447	695.00	903-1788	895.00
Job Costing	903-1448	905-1448	695.00	903-1789	895.00
Check Reconciliation	903-1445	905-1445	230.00	903-1772	300.00
Sales Analysis	903-1446	905-1446	350.00	903-1790	450.00
Report Writer/Data Bridge	903-2928	905-2928	795.00	903-2929	895.00

Media	System Manager				XM	
	MS-DOS	NETWORK	XENIX	UNIX	MS-DOS	NETWORK
3 1/2"	903-1437	903-1722	25-1460	903-2665	903-2668	903-2664
5 1/4"	905-1437	905-1722	n/a	n/a	905-2668	905-2664
Price	195.00	795.00	895.00	895.00	100.00	200.00

## Minimum System Requirements:

**MS-DOS Systems:** 640K RAM, Hard Drive, MS-DOS 3.3 or greater and 903-1437 or 905-1437 System Manager.

**Network Systems:** 640K RAM per node, Hard Drive, MS-DOS 3.3 or greater and 903-1722 or 905-1722 System Manager.

**SCO XENIX Systems:** 25-1460 System Manager, 80MB Hard Drive, SCO XENIX Version 2.3 or greater and 4MB RAM.

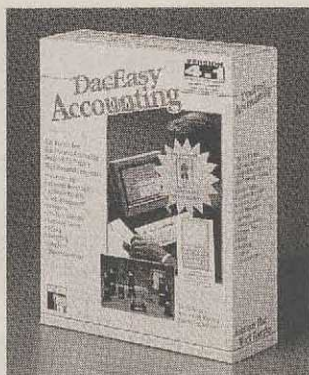
**SCO UNIX:** 903-2665 System Manager, 80MB Hard Drive, SCO UNIX Ver. 3.2V2 and 4MB RAM.



# PERSONAL & BUSINESS ACCOUNTING

## New Low Price! DacEasy Accounting 4.1

- Seven Fully Integrated Accounting Modules
- Pull-Down Menus Provide Easy Access To Features
- Context-Sensitive Help Whenever You Need It



Great for growing inventory or service-oriented companies. Provides seven powerful, fully integrated accounting modules: General Ledger, Accounts Payable, Accounts Receivable, Inventory, Purchase Order, Billing and Budgeting. Includes features such as multiple company capability, departmentalization, automatic chart of accounts setup, overviews of accounting principles, context sensitive help and much more. Dac-Easy is an easy-to-use, power-packed program for complete accounting processing and management reporting capabilities. Was \$149.95 in RSC-22S. Requires 640K RAM and hard drive. 25-1471 **99<sup>95</sup>**

## NEW! Quicken 4.0

- Keeps Your Finances Complete and Up-to-Date
- Calculates Your Monthly Transactions Automatically
- Powerful Enough For Many Small Businesses



You'll be amazed at how easily you get started, how fast you finish finance chores from now on, and how relaxing it is to always know how much money you have and exactly where it goes. It is so easy to use that you can start right away by following the simple steps on the Quick Start Card. From now on, you'll spend less than half the time calculating your finances and get twice the results. You can write checks, pay bills, balance your checkbook and your budget, figure your taxes, print financial reports and track your investments. With Quicken 4.0 you can gain control over your finances! 25-1435 **59<sup>95</sup>**

## Let Your PC Help Put Your Finances in Order

**DacEasy Payroll 4.1.** The world's best-selling payroll and personnel management program. Easy-to-use pull-down menus make it a breeze to call up payroll information on any employee, including earnings, benefits, raises, taxes, hire date, deductions and more. You can print continuous form checks. This system will automatically show Federal and state tax deductions, as well as insurance withholding, or other withholding of funds. Powerful enough for almost any company. It can handle an unlimited number of employees and up to 1000 departments. Context-sensitive help makes it even easier to use. Requires hard drive.

900-0150 ..... **89.95**

**New Low Price! DacEasy Accounting Bonus Pack 4.1.** Includes everything your company needs to set up its accounting department and keep it running smoothly. This accounting bonus pack is perfect for any growing service or inventory-based business. All of the accounting software your small business will ever need. This package is an incredible value and includes both award-winning DacEasy Accounting and DacEasy Payroll. Along with these powerful software programs, the Bonus Pack also includes a Video Tutor, which features both Accounting and Payroll tutorials for quick setup and easy implementation. Was \$269.95 in RSC-22S. Requires 640K RAM and hard drive. 900-2747 ..... **229.95**

**DacEasy Network Accounting System.** Easy-to-use, powerful and affordable! This complete accounting system supports both single and unlimited multiple user environments. Includes DacEasy Accounting and DacEasy Payroll. To help you get started, this package also includes easy-to-follow Accounting and Payroll Video Tutors.

900-2650 ..... **499.95**

**Checkwrite Plus.** Organize your finances! This helpful program makes check writing and bookkeeping faster and easier. You can customize the program to meet your specific business or personal needs. Serves as a powerful small business tool. Features include Accounts Receivable and Payable, Cash Forecasting, Loan Tracking and Analysis, Full Business Reporting and more.

3 1/2", 903-1358.

5 1/4", 905-1358 ..... **49.95**

**Act 1 Plus.** A professional accounting series that grows with your company. This program features a wide range of accounting modules: General Ledger, Inventory, Accounts Payable and Receivable, Order Entry/Invoicing, Inventory, Payroll, Check Reconciliation, Purchase Order and much more. You can easily upgrade to a networking version with no loss of data. Requires hard drive.

3 1/2", 903-2970.

5 1/4", 905-2970 ..... **199.50**

**Bedford Integrated Accounting.** Includes five powerful accounting modules: General Ledger, Accounts Receivable, Inventory, Job Cost and Payroll. Includes a helpful instructional manual which explains accounting basics. Even novices can switch to this integrated, automated bookkeeping system easily. Requires two floppy drives.

900-3305 ..... **199.00**

**NEW! RealWorld Practical Accounting System.** This complete, integrated accounting system is ideally suited for smaller businesses. It is a powerful, easy-to-use package which includes General Ledger, Accounts Receivable and Payable, Payroll, Inventory Management, Invoicing and Check Reconciliation.

3 1/2", 903-2660.

5 1/4", 905-2660 ..... **495.00**

**NEW! RealWorld Practical Accounting System/Network.** Allows three accounting clerk workstations, in addition to the back office accounting station. Easily and efficiently handles the needs of companies with higher volume sales and order taking activities. All users can view customer and inventory files. The program automatically updates inventory files as sales are made or orders are taken, so there is no room for error or confusion.

3 1/2", 903-2661.

5 1/4", 905-2661 ..... **995.00**



# REALWORLD EXTENSIONS

## Synchronics Point-Of-Sale

- Cash Register Functions On A PC Workstation
- Integrates With Additional RealWorld Packages



Provides cash register functions on a computer workstation, so your register doubles as an accounting and inventory tool. In fact, your point-of-sale system will handle virtually all aspects of your retail operation, from sale transactions to monthly financial statements. Cash register functions are accessed from a single screen and include sales ticket entry, invoice and receipt printing, cash drawer opening and bar code support.

**System Requirements:** RealWorld System Manager and Synchronics Inventory Plus Versions compatible with your operating system.

**XENIX Version.**  
3 1/2", 250-1465 ..... 1095.00  
**DOS/Network Version.**  
3 1/2", 903-3279.  
5 1/4", 905-3279 ..... 995.00

## Point-of-Sale

**Inventory Plus.** Provides maintenance of item file, inventory costing by standard cost, average cost, LIFO or FIFO methods. Features flexible pricing methods and automatic pricing abilities, multi-company and multi-warehousing capability. Allows inventory transaction entry, edit and post with edit list and journal. Prints price list, stock status, inventory value, purchasing advice, usage, physical count worksheet, and ABC analysis reports. Provides serial number and warranty term tracking, inventory turn rate, stock out and markdown performance reporting. Requires hard drive.

**XENIX Version.**  
3 1/2", 250-1466 ..... 995.00  
**DOS/Network Version.**  
3 1/2", 903-1389.  
5 1/4", 905-1389 ..... 795.00

**Multi-Site.** For use in multiple-location point-of-sale system. Gathers and compresses the day's sales transactions. At the hub, Multi-Site consolidates store data and prepares net change information for the satellites.

**XENIX Version.**  
3 1/2", 25-1467 ..... 895.00  
**DOS/Network Version.**  
3 1/2", 903-2745.  
5 1/4", 905-2745 ..... 695.00

## Job Tracking

**Kits Plus.** Extends the power and versatility of your existing system. Adds kit processing (bill of materials) and lot control functions to Inventory Plus, Point-of-Sale and Order Entry Plus. Allows your system to grow with your business' needs. Able to handle a vast inventory efficiently. Kit processing allows the user to define Kit "models" consisting of a parent product and a list of components. This feature is perfect for businesses that assemble, disassemble or relate multiple inventory items. The lot control function tracks on-hand balances, quantities sold, and history for distinct groups or "lots" of inventory. Lot control is a great feature for businesses which carry "grouped" inventory. Requires Inventory Plus.

**XENIX Version.**  
3 1/2", 903-1780 ..... 895.00  
**DOS/Network Version.**  
3 1/2", 903-1390.  
5 1/4", 905-1390 ..... 695.00

**Order Entry Plus.** Order entry and edit, with order edit list. Orders may be invoiced on entry (one step) or held as open orders (two step billing). Automatically adjusts the inventory file as a result of the order entry and billing processes. Prints picking tickets and invoices for all orders billed. Handles credit memos. Automatically feeds billing information to Accounts Receivable. Full back order retention with back order reports. Multi-company and multi-warehouse capability. May be interfaced with other RealWorld software. Requires RealWorld Accounts Receivable.

**XENIX Version.**  
3 1/2", 903-1777 ..... 1095.00  
**DOS/Network Version.**  
3 1/2", 903-2743.  
5 1/4", 905-2743 ..... 995.00

## Label-Making

**Custom Labels.** Allows you to design and print labels using RealWorld data files. Organize your business or your home by labeling boxes, files, drawers, and more. You can also organize your mailing system by printing labels from your mailing list. You'll save hours of valuable time that you normally spend addressing monthly mailers, statements, etc. It's easy to use and you'll always get professional-looking results at home or at the office.

**XENIX Version.**  
3 1/2", 903-1778 ..... 400.00  
**DOS/Network Version.**  
3 1/2", 903-2744.  
5 1/4", 905-2744 ..... 300.00

## Service Industry Accounting

**NEW! RealWorld Service Manager.** Put your business in order! This great new management program allows you to efficiently manage service operations, supervise technician scheduling and production, and track customer and service history information. Service Manager generates work orders, prints invoices, updates accounts, provides valuable management reports and much more. Must be used with RealWorld Practical Accounting System or Point-of-Sale Plus to provide a complete business automation solution for the small service business.

**DOS/Network Version.**  
3 1/2", 903-2663.  
5 1/4", 905-2663 ..... 495.00

## Medical Office

**Medisoft Patient Accounting.** Cut down on paperwork and hassles, and organize your medical office. This great program is specially designed for a medical office and includes a complete accounts receivable and insurance billing system. Provides patient walkout receipt generation, HCFA-1500 insurance form printing, patient account ledger, day-sheet, practice analysis and the ability to export data to word processors, spreadsheets and databases. Requires hard drive.  
900-1357 ..... 99.00

**Medisoft Advanced Patient Accounting.** All of the great programs included in Medisoft Patient Accounting, but this version also features intelligent insurance billing, complete patient recall, multiple fee schedules and finance charge calculation. Requires hard drive.  
900-1291 ..... 499.00

## Dental Office

**NEW! Practisoft Advanced Dental Patient Accounting.** An accounts receivable and billing system. Easy-to-use features include pop-up help windows and search windows for procedure codes, patients, insurance carriers, etc. Can generate reports such as transaction journals, patient account ledgers, patient aging reports and much more. Practisoft Dental's publisher has a decade of experience in healthcare software and offers training and an experienced technical support staff.  
900-2657 ..... 499.00



# CD-ROM ENTERTAINS & EDUCATES



**NEW! Mixed-Up Mother Goose.** A fun way to entertain and educate your child. Kids learn early reading skills, and Mixed-Up Mother Goose is an exciting way to let your child become familiar with computers. Requires 640K and VGA. 900-1021 ..... **59.95**

**NEW! Jones in the Fast Lane.** Reach for your goals as you and any combination of 1 to 3 human and computer players vie to be the first to accomplish their goals of money, happiness, education and career. Requires 640K and VGA. 900-1080 ..... **59.95**

**NEW! Space Quest IV.** Roger Wilco—your favorite interplanetary janitor and adventurer is back again! This time he's caught up in an exciting game of time and space with the deadly Sequel Police hot on his trail. Requires 640K and VGA. 900-1101 ..... **59.95**

**NEW! King's Quest V.** The greatest adventure in the King's Quest series is about to begin as you journey with King Graham to find his missing family! Requires 640K and VGA. 900-1104 ..... **59.95**

**NEW! Stellar 7.** An action-packed arcade game that pits you against seven evil worlds—and finally brings you face to face with Gir Draxon, the devilish overlord. Requires 640K and VGA. 900-1108 ..... **59.95**

**NEW! Case of the Cautious Condor.** You have only 20 minutes to solve a murder on the luxury airliner, Condor. Requires 640K and VGA. 900-1071 ..... **49.95**

**NEW! Birds of America.** Whether you're a serious ornithologist or just like some of the sights and sounds of nature, you'll love this program. Includes complete text of *Audubon's Birds of America*, 500 full color lithographs, bird calls and more! Requires 640K and VGA. 900-1076 ..... **99.00**

**NEW! World Almanac & Book of Facts.** Get fast access to more than a million up-to-date facts published in the famous World Almanac. Everything from zoos to zip codes can be looked up in a matter of seconds. The ultimate fact book. Requires 640K and VGA. 900-1105 ..... **59.95**

**Dick's Some of the Earth's Planes.** Data on aircraft gathered from Defense Department personnel, foreign governments and contractors. Requires 640K and VGA. 900-2898 ..... **249.95**

**Sherlock Holmes on Disc.** Includes the complete text of all Sherlock Holmes novels and stories, *The Medical Casebook of Dr. Arthur Conan Doyle*, linoleum block prints and more! It's elementary! 900-2900 ..... **49.95**

**Shakespeare on Disc.** The complete unabridged text of all of William Shakespeare's works—play, poems and sonnets—in both Queen's English and American English versions. Lay on, Macduff! 900-2901 ..... **49.95**

**GEOdisc U.S. Atlas.** Geographical database with a digital representation of the United States at the 1:2,000,000 scale. Includes major highways, waterways, railways, political boundaries, landmark names and much more! 3 1/2", 903-5506. 5 1/4", 905-5506 ..... **595.00**

**Languages of the World.** Features 12 of the most commonly used languages for instant definitions, antonyms, idioms, and translations: Chinese, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Spanish and Swedish. 900-1049 ..... **950.00**

**Science Helper K-8.** A powerful educational tool for teachers, curriculum committees, researchers and publishers with almost 1000 science and mathematical lesson plans. 900-5604 ..... **195.00**

**NEW! U.S. Civics.** A students' and instructors' guide to U.S. history from the 1700s to the present. Contains images of U.S. historical figures and monuments. 900-2892 ..... **99.00**

**NEW! U.S. History on CD-ROM.** The full text of 107 books relating to U.S. history from the arrival of the Indians to the present. Contains over 1000 photographs, maps and tables. 900-2904 ..... **395.00**

**NEW! Library of the Future Series.** The First Edition of the Library of the Future Series contains over 450 different titles from over 300 works of literature, philosophy, poetry, drama, history, science and religion on one CD-ROM. The Second Edition includes hundreds of titles. Each Edition comes complete with search and retrieval software enabling anyone to locate any name, word, phrase and more in seconds.

**First Edition.** 900-5915 ..... **495.00**

**Second Edition.** 900-5916 ..... **695.00**

**Second Edition for SchoolMate.** 900-5917 ..... **1495.00**

**NEW! Mammals.** National Geographic's best-selling, two-volume Book of Mammals comes to life on CD-ROM! Students can watch mammals leap, dive, burrow and fly. 900-5875 ..... **149.95**

**About Cows.** An extensive collection of bovine history, trivia, nostalgia and folklore. Sprinkled with anecdotes about farmers, cheesemakers, vets and others who have crossed paths with cows. 900-2896 ..... **29.95**

**NEW! Grolier's Electronic Encyclopedia for SchoolMate.** The entire text of the 1990 Academic American Encyclopedia—a 21 volume work—is contained on this single disc. Art, history, science, music and many other subjects come to life! 3 1/2", 903-5890 ..... **3500.00**



# CD-ROM: PRODUCTIVITY & BUSINESS

## Econ/Stats I Business Data

**NEW!** The Econ/Stats I Business Data program is excellent for anyone interested in historical business and economic trends, as well as for statisticians, educators, students and economists. Includes eight economic databases. Some of the economic data goes all the way back to 1913. **6500**  
900-2869



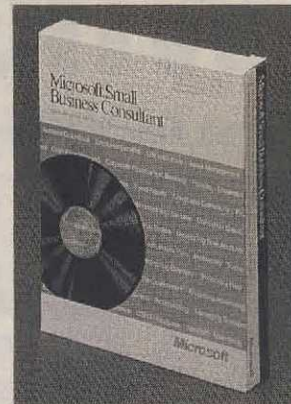
## Bible Library Study Program

A truly exhaustive work with 9 Bibles, 18 Bible references, Bible dictionaries, word studies, commentaries and much more. It's perfect for the layperson, as well as the theologian. The complete Bible reference guide for today's busy pastors and Bible teachers. A "must-have" program. **59500**  
900-5513



## Microsoft Small Business Consultant

Perfect for helping set up a small business or maintaining a successful enterprise. References over 200 publications from the Small Business Administration and other governmental and business agencies. Get the jump on your competition with this up-to-date business reference tool. 900-5504 **14900**



## Food Analyst Nutrition Plan

Whether you're watching your weight or keeping track of your nutrients, Food Analyst can help. This database gives you a quick breakdown on almost 5000 foods: calories, fat ratios, proteins—everything you need to insure a proper diet. 900-2902 **9995**  
**Food Analyst Plus.**  
900-2903 ..... 199.95



**NEW! Phytonarian Handbook.** Are your shrubs looking a little anemic? Do your trees threaten to shed all their leaves with each wind? Are your lawn plants beginning to embarrass you? Then the Phytonarian Handbook is just what you need! This program helps you identify and diagnose common diseases among lawn trees, shrubs and plants. Learn to spot problems and treat them before your lawn becomes a wasteland. Remember, you don't need a green thumb to have the best-looking lawn on the block. 900-2875 ..... **149.00**

**Shareware Gold.** Popular shareware programs. Categories include utilities, accounting, personal finance, word processing and more. Authorized and virus-free. 900-2893 ..... **79.95**

**Programmers CD-ROM.** A complete reference guide for programming in BASIC, COBOL, PASCAL, Assembler, DOS and OS/2. 900-2877 ..... **149.00**

**The CIA World Fact Book.** The Central Intelligence Agency's annual world almanac that describes political and foreign affairs of every territory and country in the world. Easy-to-use search and retrieval database disc. 900-2890 ..... **99.00**

**Officer's Bookcase.** In-depth dictionary of military terms and acronyms. Includes the *Joint Chiefs of Staff Military Terms Dictionary* and *Defense Acquisition Acronyms and Terms*, as well as Soviet terms. 900-2897 ..... **149.00**

**NEW! Publique Art.** Give your publications that dynamic edge with any of these 2500 "public domain" clip art images. All images scanned at 600 dots-per-inch in the .PCX (PC Paintbrush, see page 55) format for crisp reproduction quality. 900-2868 ..... **179.00**

**NEW! Wheeler Quick Art.** A treasury of over 2200 crisp clip art images. PC-compatible TIFF format makes Quick Art perfect for importing a variety of fresh, contemporary borders and images into your favorite desktop publishing program. 900-2894 ..... **249.00**

**Seals of the U.S. Federal Government.** Contains over 588 identifying images of the agencies and bureaus of the Federal Government. For desktop publishing. Images are scanned at 300 dots-per-inch and filed in the TIFF format. 900-2891 ..... **69.95**

**Microsoft Stat Pack.** Find government information fast. Contains vital U.S. government facts and figures on the economy, politics, demographics, manufacturing, industry, trade, business, and more. 900-5509 ..... **125.00**

**National Agricultural Library.** A fully indexed and rapidly accessible electronic compendium of agricultural records from the files of the National Technical Information Service and the National Agricultural Library. 900-2895 ..... **99.00**

**NEW! Opti-Net.** An optical Local Area Network (LAN) management program. It runs on top of most networks which fully support the NetBIOS® protocol or the Novell® IPX®/SPX® protocol and extends networking capabilities to optical disc drives, allowing users to share data bases on optical discs. Opti-Net allows CD-ROM drives to be connected and managed on a network, creating an optical disc LAN.

**Opni-Net (8-User).**  
3 1/2", 903-1882 ..... **795.00**

**Opni-Net (100-User).**  
3 1/2", 903-1883 ..... **1495.00**



# Who

offers America's best-selling PC compatibles?

# What

team specializes in knowing your business?

# When

is a PC not a wise business investment?

# Where

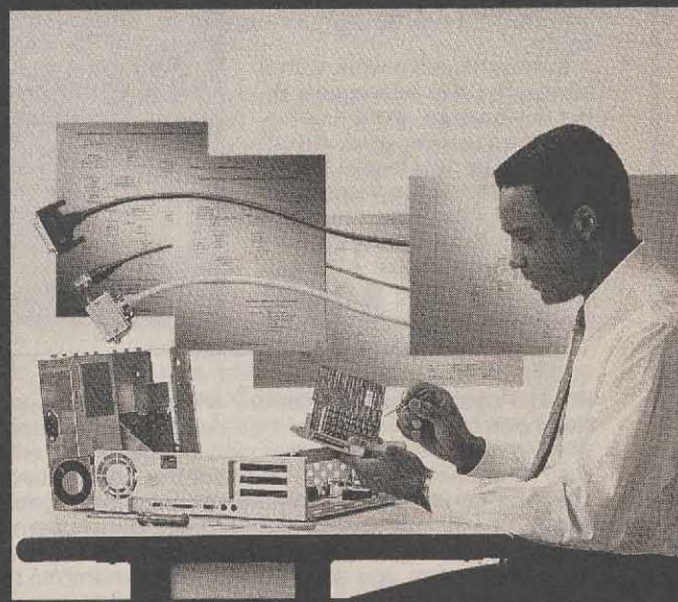
did the power of networking evolve?

# How

can you effectively train your staff?

# Why

team up with anyone but the nation's leader?





## America's No. 1 Choice

We sell Tandy computers—America's best-selling brand of PC compatibles. In addition to our line of PCs, we offer a full complement of peripherals, accessories, supplies and software—we have everything you need to configure your system. Tandy computers are relied on every day to get the job done for thousands of businesses. Exacting manufacturing standards, innovative design, competitive pricing—all backed by the resources of a multi-billion-dollar company.

## Certified Staff

Our college-certified marketing specialists have completed American Management Association courses in finance and accounting, as well as rigorous training in light manufacturing, retail point-of-sale (POS), wholesale/distribution or office automation. We'll help you turn inventory faster and increase gross margin, help you reduce clerical costs and react faster to sales trends. Plus, we'll increase your office's overall productivity with stand-alone, multiuser or networked systems.

## We Don't Just Sell PCs, We Sell Solutions

Because we carry the broadest PC line of any manufacturer, our systems engineers can configure a solution tailored to your business needs. You get a complete solution, backed with the best in leasing, training and service plans. We don't just sell you a piece of machinery—we design specific answers to problems your business faces every day. We work with you, and we support what we sell.

## Connecting Since the Beginning

From our first network in 1979 to today's industry-leading Novell Netware, we've stacked up unmatched experience. Plus, we also market and support a massive base of UNIX/XENIX multiuser installations. Our professional sales team will perform an on-site needs analysis to determine the right solution for your business. Our systems engineers can then tailor a system around your specific applications. After installation, our support staff provides on-site training to your employees.

## Over a Decade of Training Experience

At Radio Shack, our goal is to get your system in operation quickly. Comprehensive instruction for you or your employees is available at your place of business. Letting us teach you about your computer system shortens and smoothes that period of "becoming compatible with each other." In addition to introductory courses for beginners, we offer courses designed to broaden the scope and improve the specialized software skills of more advanced users.

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Radio Shack is your exclusive source for the complete line of Tandy computers, as well as matching Tandy printers and accessories. Every Tandy desktop PC is made by Tandy in our own U.S.A. manufacturing facilities. And every Tandy business computer is backed with a one-year limited warranty. We were the first to successfully manufacture and market a personal computer—nobody's been in the business longer. Call us at 1-800-433-5682 and get the answers you need today.

## Tandy Computer Leasing

Leasing allows your company to obtain a ready-to-run business system without an up-front capital expenditure. Tandy Computer Leasing offers a true lease for tax purposes, with a variety of terms available. Tandy computer systems, software, third-party hardware and peripherals, installation, training, support and taxes may all be included.

## Service Network

Our technicians can come to you, or we offer convenient depot service for your equipment at any of our nearly 7000 participating Radio Shack stores and authorized dealers. For a minimum cost, both carry-in and on-site Tandy Service Plans are available to extend your limited warranty on all Tandy computers.

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Radio Shack makes it easy for individuals and businesses to enjoy the latest in computer and office 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. There's no annual fee! We also honor major credit cards, including American Express, Discover, MasterCard and Visa.

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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), you have a source for quality PCs at thousands of locations nationwide. For more information, write to Consultant Liaison Program, Dept. RSC-23, 1500 One Tandy Center, Fort Worth, TX 76102, or phone (817) 390-2900.

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If you have a proven office equipment sales background and are interested in compensation keyed to productivity, then our Radio Shack training program may be the career opportunity you've been looking for. Our continuing growth has made numerous career opportunities available in many market areas. For the location of the District Sales Manager nearest you, write to: Professional Employment, Dept. 23, 500 One Tandy Center, Fort Worth, Texas 76102.

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# EASY-TO-USE DESKMATE TITLES



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**NEW! Checkfree DeskMate.** A convenient, nationwide, personal electronic banking service that lets you pay all your bills and take care of additional financial transactions involving your checking account in just minutes—no matter where you bank! Requires modem.  
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**NEW! DeskMate Home Lawyer.** Create, change, or update important documents like a will, power of attorney or sales agreement. Print a variety of the most frequently used legal documents. Requires 640K. 25-1434 ..... **69.95**

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**Homeword II.** A powerful word processing system. Features pull-down menus and dialog boxes for easy menu selection and command input and what-you-see-is-what-you-get text screens. Includes a built-in thesaurus, plus an outline processor and spelling checker. 25-1266 ..... **69.95**

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**DeskMate Q&A Write.** Popular, powerful, executive word processor with the DeskMate Interface! Features multi-column and label printing capabilities, advanced search and replace function, built-in font support, mail merge capabilities, column and row math, spelling checker and card file. Requires 640K. 25-1299 ..... **149.95**

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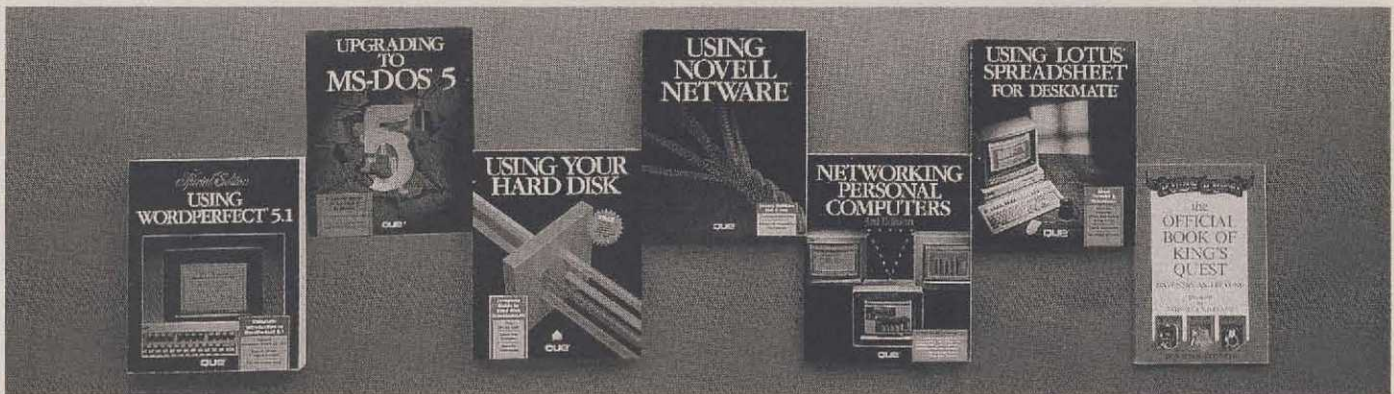
**DeskMate Macros Companion.** Program up to 100 "accelerator" keys combining a series of up to 1000 keystrokes, commands, and/or mouse clicks. Just record a series of keystrokes on a designated macro key and let macros speed you through your work. Use with any DeskMate program. 25-1361 ..... **19.95**

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DeskMate required to run Companions



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**MS-DOS: Advanced Applications, Volume 2.** Covers file structure, controlling data flow, and troubleshooting. 25-1507 ..... **14.95**

## Teaching Videos Help You Reach Your Peak Productivity! Learn New Programs Faster In a Relaxing Atmosphere!



**Using Microsoft Windows 3.0.** 900-2557 ..... **24.95**

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# SOFTWARE BRINGS YOUR PC TO LIFE



## Education Excitement

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25-1800 ..... 49.95

**NEW! Mickey & Friends Fun Pack.** Your kids will have hours of fun with Mickey, Donald and Goofy. Three colorful and entertaining programs teach numbers, the alphabet, colors and shapes. Ages 2-5.

25-1801 ..... 39.95

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25-1803 ..... 49.95

**NEW! Super Solvers: Treasure Mountain.** There's trouble on Treasure Mountain! Will the elves help or hinder you as you try to best the Master of Mischief? Reinforces math, reading and problem-solving skills. For ages 5 to 9. Requires 640K RAM.

25-1808 ..... 49.95

**NEW! Where in America's Past is Carmen Sandiego?** Chase Carmen and her notorious gang through American history and learn about historical events, scientific inventions, famous people and more along the way. Requires 640K RAM for VGA.

25-1802 ..... 49.95

**Where in Time is Carmen Sandiego?** Carmen and her gang are pinching priceless objects from all over and escaping to other eras. Use the Chronoskimmer to find her—somewhere between A.D. 400 and the 1950s.

25-1329 ..... 44.95



**NEW! Typing Tutor IV +.** This self-paced typing program with lessons, drills and practice tests covers the full keyboard—in both QWERTY and Dvorak. Clearly displays your speed, accuracy, strengths and weaknesses, and automatically adjusts to keep up with your progress. Requires 640K RAM.

25-1818 ..... 49.95

**The New Math Blaster Plus.** Blaster-naut and Spot help children learn the fundamentals of math. Five fun activities cover over 800 math facts. Ages 6-12.

25-1380 ..... 49.95

## Gaming and Adventure

**NEW! Collector's Edition Bundle.** Computerized versions of three of America's all-time favorite board games: *Clue*, *Risk* and *Monopoly*—all in one special collector's tin. Requires 640K RAM.

25-1804 ..... 59.95

**NEW! Scrabble: The Deluxe Computer Edition.** Latest and greatest version of the most popular word game around! Nine levels of skill for hours of challenging fun. Requires 640K RAM. Hard drive and mouse recommended.

25-1805 ..... 49.95

**NEW! Lemmings.** A quick mind is needed to help guide hordes of helpless lemmings to a safe environment. Over 100 levels of play. Requires a mouse and 640K RAM for VGA.

25-1806 ..... 49.95

**NEW! Secret Weapons of the Luftwaffe.** Historically accurate bomber and fighter missions pit the U.S. Eighth Air Force against the superplanes of the Third Reich. Requires 640K. 286 processor recommended.

25-1809, 49.95

**NEW! Sierra Arcade Bundle.** Three super-action programs! Blast your way across seven worlds in *Stellar 7*. Re-live the challenge of Thexder in the *Fire Hawk* sequel. Drill your way through the slick *Oil's Well*. Requires 640K RAM.

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**NEW! Chuck Yeager's Air Combat.** Fly with General Chuck Yeager through three of the hottest air combat eras in history: World War II, Korea and Vietnam. Choose from over 50 historic missions or create your own—even cut across eras! With a dynamic flight envelope, target and map help, and advice from Yeager himself. Includes bonus VHS tape with Chuck Yeager. Requires 640K RAM.

25-1819 ..... 49.95

**F-15 Strike Eagle II.** The combat simulator for aspiring top guns. Dogfight your way over four real-world battle zones—including the Persian Gulf. Super-thrills with 3-D action.

25-1383 ..... 49.95

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25-1811 ..... 49.95

## The VGA Arcade

**NEW! Spacequest IV.** Freelance hero Roger Wilco rips through past and future with the Sequel Police hot on his ion trail. Can he keep the universe safe for fair play and bad jokes? Requires VGA, 640K RAM, 80286 processor and hard drive.

25-1807 ..... 49.95

**NEW! King's Quest V.** Join King Graham on the most thrilling and perilous adventure of his career—the quest for the missing Royal Family of Davenry. See why the King's Quest series is the bestselling computer adventure ever. Requires VGA, 640K, 286 processor and hard drive.

25-1817 ..... 49.95

**NEW! Gunship 2000.** The only multi-copter simulation on the market. Take your squad of five rotor craft into nerve-rendering battle! Six arenas in the Persian Gulf and Central Europe. Hundreds of distinct missions. Requires VGA, hard drive and 80286 processor.

25-1814 ..... 49.95



# CHALLENGING GAMES OF STRATEGY

**Chessmaster 2100.** Chess at its electronic best. Enjoy stunning 2- and 3-D graphics, a mammoth opening library of over 150,000 moves, a War Room which lets you view the board while you play and much more.

900-1054 ..... 44.95

**NEW! Edward O. Thorpe's Real Black-jack.** Novice or pro can play the computer dealer strictly for exciting entertainment or for more serious experimentation and practice. Can you devise a sure-win strategy?

900-1082 ..... 49.95

**NEW! Pictionary.** The bestselling "charades-on-paper" board game is now on computer! Even if you're not an artist (*especially* if you're not one!), you can still draw your way to fun.

900-1095 ..... 39.95

**NEW! Jones in the Fast Lane.** A game of ambition, motivation and competition—in essence, of *real* life—for the whole family. Fulfill your life-long goals of money, happiness, education and career. Hard drive recommended.

900-1111 ..... 39.95

**NEW! Super Solvers: Challenge of the Ancient Empires!** Famous ancient treasures are buried in 20 maze-like caverns beneath the desert. Bring your problem-solving skills into play to find them—before others find them first. Only when you've made it through the caverns are you ready to face the toughest challenge yet. Requires 640K RAM on Tandy 1000s. 900-1129 ..... 49.95

**NEW! Battle Chess II: Chinese Chess.** Western chess comes out of the abstract closet in this eastern version of the popular game. In Chinese Chess cannons thunder, chariots race across the plains and dragons flame. Makes war fun!

900-1150 ..... 49.95

**Battle Chess.** The most challenging game on earth comes to thrilling life! Under your direction, animated figures battle it out to the death on a checkered field where a medieval world is involved in a dramatic 3-dimensional war. This is chess as it was meant to be!

900-1425 ..... 49.95

**Hoyle's Cards.** Playing cards will never be the same! You get something for everyone in the family: Hearts, Cribbage, Klondike Solitaire, Gin Rummy, Crazy 8s and Old Maid.

900-2782 ..... 34.95

**Solitaire Royale.** Choose from eight different versions of solitaire. Play alone, or select the tournament mode which allows different competitors the exact same deal of the cards. Random shuffle assures you'll never play the same game twice.

900-3285 ..... 34.95

**Win, Lose or Draw.** The computer version of America's fastest and funniest TV game show. Tension mounts as the computer reveals illustrations of famous people, places and phrases while players try to guess the answers. It's exciting, fast-paced fun that the whole family can enjoy.

900-2820 ..... 24.95

**Tetris.** Get ready for this diabolically simple Soviet challenge. Discover the mystery of the four squares in Tetris as you maneuver falling shapes to form point-scoring rows. It only *looks* easy.

900-3317 ..... 34.95

**Welltris.** The Soviet challenge continues as you attempt to position shapes in a *three-dimensional* perspective, rotating pieces around the four walls—pieces which get more complex and challenging the higher you go. Prepare for the obsession!

900-2866 ..... 34.95

**Mah Jong Master.** Early European sailors, docking in China, were intrigued by this oriental game of strategy and introduced it to the West. Now you, too, can play this ancient game of emperors and sailors—on your computer!

3 1/2", 903-1045. 5 1/4", 905-1045 ..... 29.95

**NEW! Electric Jigsaw.** Never lose a puzzle piece or clutter up the kitchen table with half-finished puzzles again! Simply choose your puzzle from six pictures and enjoy. Difficulty levels range from 6 to 294 pieces, so young and young-at-heart alike can share the fun. Requires 640K RAM.

3 1/2", 903-1102. 5 1/4", 905-1102 ..... 29.95

**Clue Master Detective.** Someone has been murdered in a fashionable mansion and it's up to you to solve the mystery before your opponents do. Is your deductive reasoning up to snuff for this challenging mystery?

3 1/2", 903-2905. 5 1/4", 905-2905 ..... 39.95

**Monopoly.** Play the game that made Boardwalk and Park Place famous. Now, you too can become a property magnate by controlling houses, railroads, utility companies and hotels—if you don't wind up in jail first!

3 1/2", 903-1073. 5 1/4", 905-1073 ..... 39.95

**Scrabble.** Enjoy everyone's favorite word game! Build your vocabulary and strategic abilities by playing through the different skill levels, from beginner to advanced. Play with friends or let the computer provide you with up to three opponents.

3 1/2", 903-2840. 5 1/4", 905-2840 ..... 39.95



## SimCity

- Build the City of Your Dreams
- Also Comes With an Expandable Library of Pre-Built Cities

SimCity puts you in control of a city that you design and build yourself. Or choose from pre-built cities like present-day Boston, Tokyo and more. Fight crime and unemployment and disasters. Control budgets and transit. Create industry, parks and airports. But be wary—natural disasters and other assorted catastrophes are lurking just around the next screen. It's the next best thing to being there! Features real-time graphics. 900-2846 **49.95**

**SimCity Terrain Editor.** Custom design landforms under and around your city—before you begin to build, or after. Map editing tool even programs shipping routes. Sample cities included.

3 1/2", 903-1020. 5 1/4", 905-1020, 19.95

**NEW! SimCity Graphic Library I: Ancient Cities.** Rule an Asian empire of art and culture (and earthquakes, typhoons, tsunamis and Chinese dragons). Reign over a medieval town with aqueduct systems and jousting tournaments (and plagues and witches, too). Stake your claim in the Wild West and battle range fires, twisters, poisoned water and claim jumpers.

3 1/2", 903-1093. 5 1/4", 905-1093, 34.95

**NEW! SimCity Graphic Library II: Future Cities.** Transform a small U.S. community into a hi-tech trade center powered by cold fusion (and heated by nuclear meltdowns and other disasters). Nurture the growth of your European Economic Community city with mono-rails and air/space ports (and biohazard contamination). Establish a moon colony and contend with oxygen shortages, meteor showers and alien invasions.

3 1/2", 903-1094. 5 1/4", 905-1094, 34.95

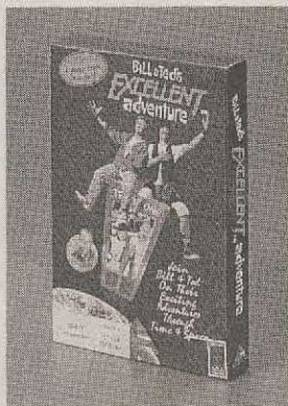


# ADVENTURE GAMES & HINT BOOKS

## NEW! Bill & Ted's Excellent Adventure

Hey Dudes! Go on an excellent adventure through history with those whacked-out time travelers—Bill & Ted. You'll meet some old dudes and try to bring them back with you so you can pass a heinous history exam. Help Socrates find the answer, take notes for Beethoven—even fiddle with Nero. Party on, dudes! 900-1103

**39.95**



## Games For the Whole Family

**NEW! LIGHTSPEED 2.0.** You're the only human in a huge spaceship traveling at incredible speeds through deep space. Your mission: find and settle a new planet where humanity can thrive. Combat is inevitable, but you'll also need charm, resourcefulness and diplomatic skills to negotiate with the bizarre, intelligent—and often hostile beings who recognize YOU as an alien. Requires VGA, hard drive, 80286 or faster CPU.

**VGA version.** 3 1/2", 903-1147. 5 1/4", 905-1147

**EGA/TGA version.** 3 1/2", 903-1155. 5 1/4", 905-1155, **59.95**

**NEW! 007 James Bond: The Stealth Affair.** As British agent James Bond, just back from holiday in Kuwait, you find yourself plunged headlong into the world of international espionage, sent across the globe in an attempt to find a missing super-secret Stealth Bomber. The list of suspects includes a Latin American dictator, members of the Russian KGB and organized crime. It'll take all the cunning and skill 007 can muster to come out of this one alive! Goodbye, Mr. Bond. Requires 640K.

3 1/2", 903-1149.

5 1/4", 905-1149 ..... **54.95**

**Eye of Horus.** In a labyrinth deep beneath the Sahara you search the catacombs for magic keys, sacred amulets, the remains of your father Osiris and your father's murderer, the vicious Set. You must find and destroy Set so you can claim your divine birthright.

900-0954 ..... **39.95**

**Maniac Mansion.** Can you solve the mysteries of Maniac Mansion? Why is there a chainsaw in the kitchen? Why is there a nuclear reactor in the basement? Rescue Sandy before she donates her brain to the fiendish Dr. Fred. Five exciting ways to unravel the mystery.

900-1254 ..... **39.95**

**Indiana Jones and the Last Crusade.** Relive Indiana Jones' greatest adventure! See if you can handle all the puzzles, mysteries, boobytraps and assorted heavies. In your quest for the Holy Grail, you'll lead a merry chase through Indy's college, an Austrian castle and Nazi Germany. You'll need your wits, your whip and your fists.

900-2789 ..... **49.95**

**The Hunt for Red October.** Silently, beneath the chilly Atlantic waters, Russia's ultra-secret missile submarine, Red October, is heading west. The Americans want her. The Russians want her back! The most incredible chase in history is on! You are the greatest submariner in the Soviet Navy

and your mission is to reach the United States—to defect. The ultimate submarine combat simulation game.

900-3319 ..... **49.95**

**Loom.** Enter the world of Loom where a young member of the mysterious Guild of Weavers is caught up in a mighty conflict between good and evil. This innovative game has no text commands or menus! Instead, you use a magic distaff to control icons and music that moves the game along. A 30-minute audio cassette is included which establishes Loom's strange background.

3 1/2", 903-1024. 5 1/4", 905-1024 ..... **59.95**

**Starflight 2.** The Spemin, once the whipping blobs of the cosmos, have become the terror of the galaxy. It's up to you to discover how they have accumulated this sudden power and put an end to their aggression. Follow interstellar trade routes to new worlds and new species, and uncover mysteries shrouded in the past. Your powerful starship is equipped with the latest in technology: Jump Pods, System Scanner, Blasto Pads, Psychic Probes and more. Features open-ended story line and an authentic Humna Humna map device. Can you solve the mystery of the Spemin? The entire galaxy is depending upon you! Requires 640K.

3 1/2", 903-1152. 5 1/4", 905-1152 ..... **49.95**

**Pirates!** The year is 1671. With hundreds of brave buccaneers at your side and a fleet of pirate raiders, the fabled treasures of the Spanish Main shall soon be yours! Sail the Caribbean in quest of gold, beautiful women and adventures as an independent privateer or in the service of one of the colonial governors. You'll enjoy the thrill of close combat as your boarding parties scramble from ship to ship, and accumulate vast wealth from the colonial empires.

3 1/2", 903-1217. 5 1/4", 905-1217 ..... **39.95**

## Hint Books Have More to Offer Than Just A Few Hints:

- Complete Game Maps
- Locations for Objects
- Breakdown for Scoring
- Things You Have Missed
- All Possible Solutions

Hint Book Title	Cat. No.	Price
Colonel's Bequest	900-2886	9.95
Drakkhen	900-1079	12.95
Gold Rush	900-2833	9.95
King's Quest I	900-3122	9.95
King's Quest II	900-3123	9.95
King's Quest III	900-3154	9.95
King's Quest IV	900-1492	9.95
King's Quest V	900-0979	9.95
Leisure Suit Larry I	900-1494	9.95
Leisure Suit Larry II	900-2736	9.95
Police Quest	900-3352	9.95
Police Quest II	900-2737	9.95
Quest For Glory I (Hero's Quest)	900-2887	9.95
Rise of the Dragon	900-0975	9.95
Space Quest	900-3153	9.95
Space Quest II	900-3351	9.95
Space Quest III	900-2761	9.95



# SIERRA ADVENTURE GAMES

## Exciting King's Quest V

The greatest adventure in the history of Daventry is about to begin. Embark on a daring journey with King Graham for the most thrilling and dangerous adventure of his career—the quest for the missing royal family of Daventry! Great graphics and exciting game action. **EGA/TGA 59.95**  
version. 900-1107

**VGA Version.** 25-1817, 49.95

**King's Quest IV: The Perils of Rosella.** 900-1051, 59.95

**King's Quest III: To Heir is Human.** 900-1259 ... 49.95

**King's Quest II: Romancing the Throne.** 900-3152, 49.95

**King's Quest: Quest for the Crown.** 900-3067 ... 39.95



## NEW! Leisure Suit Larry III

Passionate Patti is looking for the man of her dreams. Larry Laffer is always looking for a beautiful babe. So how does Larry Laffer, all-around nerd, get hooked up with Passionate Patti? You'll have to play this one to find out! The first adventure game ever that allows you to switch roles (if you're into that sort of thing). **59.95**  
900-2884



**Leisure Suit Larry II.**

900-1461 ..... 49.95

**Leisure Suit Larry I.**

900-1466 ..... 39.95

## Terrific Adventures From the Earth to Farthest Space

**NEW! Rise of the Dragon.** The year is 2053. You are a private investigator in the decaying city of Los Angeles. The world is ripe for takeover by a beast called the Dragon! Can you stop him? It will take all your cunning and resources because the Dragon will stop at nothing to conclude his evil plans! Requires 640K, hard drive, 80286 or faster CPU.

**EGA/TGA Version.**

900-0972 ..... 59.95

**VGA Version.** 3 1/2", 903-0971.

5 1/4", 905-0971 ..... 59.95

**NEW! Zeliad.** It looks like just another "sword and sorcery" video game. But as you hack and slash your way through the underground caverns you'll find it a very different game indeed. Accumulate wealth with every hideous creature you slay; outfit yourself with increasingly powerful weapons and magic; gain the strength you need to defeat even the most deadly enemies, and finally, emerge a hero. Get into Zeliad—if you dare. Requires 640K.

900-0977 ..... 59.95

**NEW! Heart of China.** You're propelled into the world of Lucky Jake Masters, Zhao Chi and Kate Lomax as you get caught up in an international adventure that spans the globe from Hong Kong to Paris. Heart of China is set in 1920s revolutionary China, and the stunning graphics create a realism and feeling for those tumultuous times. Establish relationships with characters who will affect future events—and remember that these characters have long memories. All characters have unique personalities and are digitized from live actors for the

ultimate in visual realism. Requires 640K, hard drive, 80286 or faster CPU.

**EGA/TGA.** 3 1/2", 903-1133.

5 1/4", 905-1133 ..... 59.95

**VGA.** 3 1/2", 903-1148.

5 1/4", 905-1148 ..... 59.95

**Codename: Iceman.** As Johnny Westland, 21st century secret agent, you face the most critical mission of your life: to crack the deadly security of a terrorist base and rescue a hostage ambassador! Navigate the Atlantic in a nuclear submarine, penetrate a harbor bristling with lethal security devices, and reach your ultimate target in a one-man diving vehicle without being detected. Features a submarine simulator and accurate Naval Intelligence charts to guide you. Go Johnny, go!

900-1012 ..... 59.95

**Quest for Glory II: Trial By Fire.** The magic of the Arabian Nights comes alive as you try to save the beautiful and mysterious land of Shapeir from total destruction. Fight great and terrible monsters and cunning mages, and do battle with the very elements with a hero or heroine that you create yourself.

900-1140 ..... 59.95

**Quest for Glory I: Hero's Quest.**

900-2759 ..... 59.95

**Conquest of Camelot.** Travel back to the days of chivalry and join Arthur on a quest that takes you from Camelot to Jerusalem in search of the Holy Grail. You'll have to do battle with the mighty Black Knight and a powerful Saracen warrior, as well as deal with the local population. 900-1141 ..... 59.95

**Space Quest III: Rescue the Andromedans.** Invade the planet Pestulon, frustrate the pirates and blunder your way into the evil Scumsoft Software Empire while rescuing the Two Guys From Andromeda. 900-2914 ..... 59.95

**Space Quest I: The Sarien Encounter.** 900-1258 ..... 49.95

**Space Quest II: Vohaul's Revenge.** 900-2823 ..... 49.95

**The Gold Rush.** It's 1849. You're in a secure but boring job back East. Suddenly the news hits: Gold in California! Your brother has already gone West ahead of you so you decide to strike out after him and seek your fortune. Historically accurate scenarios give you the three most popular means of travel to California—wagon train, ship to Panama, or around the treacherous Cape off the tip of South America. Stake your claim in this exciting game that relives the Gold Rush. 900-1423 ..... 39.95

**Police Quest II: The Vengeance.** The Death Angel is back—and your girl has been kidnapped and a jailer killed. It's up to you to investigate the homicide and bring this maniac to justice.

900-3216 ..... 59.95

**Police Quest I: In Pursuit of the Death Angel.** 900-2824 ..... 49.95

**The Colonel's Bequest.** Help solve a murder in a spooky old estate. The motive seems to revolve around the late Colonel's will—and there are plenty of sleazy suspects! You'll need all your wits about you in this one because the poor Colonel had few friends and lots of money. 900-2885 ..... 59.95



# SIMULATIONS AND ROLE PLAYING



**NEW! Test Drive III: The Passion.** An advanced synthesis of bit-mapped and polygon-fill graphics, plus digitized interiors, provides you with an unprecedented sense of speed, road perspective and performance. Requires 640K. 900-1154 ..... **59.95**

**NEW! F-15 Strike Eagle II Scenario Disk.** Relive the Desert Storm campaign! Fly sorties against real targets: Scud launchers, bridges, command and control centers, chemical weapons, plants and tanks. Use your high-tech smart weapons: infrared-homing Maverick missiles, Paveway glide bombs and HARM anti-radar missiles. 3 1/2", 903-1142. 5 1/4", 905-1142, **29.95**

**NEW! Red Baron.** The year is 1914. You're about to experience the look and feel of aerial warfare World War I style! Engage in close-range dogfights, go balloon-busting, take on Zeppelins, escort bombers, fly under the cover of darkness and go head-to-head with famous aces. Requires 640K.

**VGA Version.** 3 1/2", 903-0989. 5 1/4", 905-0989 ..... **59.95**

**EGA/TGA Version.** 900-0998 .. **59.95**

**NEW! Stunts.** Get set to test drive some world famous cars on a world challenging course! You'll face jumps, slaloms, bridges, loops, spirals, boulevards, tunnels, corkscrews—14 obstacles in all. 900-1096 ..... **49.95**

**Silent Service II.** A complete redesign of the mega-hit WWII submarine battle. New version features more battles, historical scenarios and war patrols. You are faced with an infinite variety of situations using complete maps and charts of the Southwest Pacific ocean. 3 1/2", 903-1144. 5 1/4", 905-1144, **59.95**

**Battle of Britain.** "The Battle of France is over. The Battle of Britain is about to begin." Can your squadron of Spitfires stop Goering's Luftwaffe from destroying London? 3 1/2", 903-1023. 5 1/4", 905-1023 ..... **59.95**

**LHX Attack Chopper.** Fly the LHX before the army does! You can be the first to fly this experimental, highly classified, radar-evading light helicopter! Fly missions never before possible at night or in difficult weather. Realistic 3-D action. Includes scenarios in Libya, Vietnam and East Germany. 3 1/2", 903-1136. 5 1/4", 905-1136 ..... **39.95**

**Test Drive II: The Duel.** You're speeding down a winding road. The scenery is just a blur as you keep a steady grip on the wheel. Suddenly, your opponent appears in your mirror. The race is on! The Duel is a head-to-head race with the world's fastest production cars: the Ferrari F40 and Porsche 959. 3 1/2", 903-1495. 5 1/4", 905-1495, **49.95**

**NEW! Bill Elliot's NASCAR Challenge.** An incredible racing experience! On-screen track statistics provide data for six official, perfectly scaled and banked NASCAR tracks: Daytona, Atlanta, Bristol, Darlington, Michigan and Talladega. Also choose from the two twisting road courses of Sears Point and Watkins Glen. 900-1146 ..... **49.95**

**NEW! Mario Andretti's Racing Challenge.** Progress through the six professional racing circuits of the world. Start your career kicking up dirt roostertails in a Sprint car at Ascot Park. Hone your driving skills until you're on the treacherous curves of Monte Carlo! 3 1/2", 903-1151. 5 1/4", 905-1151 .. **49.95**

**Red Storm Rising.** Recreates the underwater action and adventure as depicted in Tom Clancy's bestseller. You're in command of an American nuclear attack submarine. Your mission: keep the North Atlantic clear of Warsaw Pact forces. 900-1055 ..... **49.95**

**Battle Hawks 1942.** Rich in historical detail and thrilling in graphical realism. Experience four of the most critical naval engagements in WWII: Coral Sea, Midway, Eastern Solomons and Santa Cruz Islands. 900-1284 ..... **49.95**

**Vette! Vette!** puts you behind the wheel of American's premier production sports car. Race the Corvette against top European sports cars on the hilly, picturesque streets of San Francisco! 900-2827 ..... **49.95**

**Falcon.** Climb into the cockpit and fly a highly realistic simulation of the F-16 Fighting Falcon. Perform fighter maneuvers while engaging enemy MiGs in dog-fight battles. 900-3287 ..... **29.95**

**Sierra's 3-D Helicopter Simulation.** A red-hot combination of computerized flight training with realistic action! Feel the rush as you zoom in front of or behind 3-D skyscrapers, mountains and towers. 900-3312 ..... **19.95**

**F-15 Strike Eagle.** Strap yourself into one of the world's most sophisticated jet fighters and prove how good you really are in combat. 3 1/2", 903-2825. 5 1/4", 905-2825 ..... **39.95**

**Gunship.** Experience the thrill, excitement and danger of flying the AH-64 Apache Helicopter Gunship. Revolutionary 3-D graphics enable you to behold the rush of high-speed flight. 3 1/2", 903-2826. 5 1/4", 905-2826, **39.95**

**Test Drive.** If you've ever wondered what it would be like to experience the power and performance of the world's most exclusive cars, wonder no more. Test Drive is a driving simulation that is guaranteed to start the adrenalin pumping. See if you have what it takes to handle the world's hottest cars. 3 1/2", 903-3353. 5 1/4", 905-3353, **19.95**

## Fantasy Role Playing

**Advanced Dungeons and Dragons: Pool of Radiance.** Enter the magical world known as the Forgotten Realm and rid Phalan of its scourge. Can you discover the identity of the mysterious and diabolical ruler? Requires 640K, two floppy drives or one floppy and one hard disk drive. 3 1/2", 903-3215. 5 1/4", 905-3215 ..... **49.95**



# ARCADE AND SPORT GAMES



## Arcade

**Oil's Well.** You're a wealthy oil baron racing to drill your oil fields before the competition can sabotage them.

900-1014 ..... **34.95**

**NEW! Stellar 7.** From the opening sequence—a vivid portrayal of the launch of an enemy attack—to the closing screens detailing your dramatic victory or agonizing defeat, Stellar 7 is fast-paced action and incredible sound effects. Requires 640K.

900-1084 ..... **34.95**

**NEW! Firehawk: Thexder—The Second Encounter.** The super sequel to Thexder with more excitement than ever! An alien attack wave threatens the entire planet Earth. Suit up and get ready for action!

900-1085 ..... **34.95**

**NEW! Future Classics.** Five exciting games in one action-packed collection: Diskman, Blockalanche, Lost 'n Maze, Diet Riot, and Tankbattle.

900-1086 ..... **39.95**

**NEW! California Games II.** Yo Dudes! We're back... with five new events. Compete in Bodyboarding, Snowboarding, Jet Surfing, Hang Gliding and, of course, Skateboarding.

900-1118 ..... **49.95**

**Prince of Persia.** You're an adventurer from afar and the Sultan's beautiful daughter is in love with you. But the jealous Grand Vizier has other plans for you and her.

900-1139 ..... **39.95**

**Bad Dudes.** Prepare to do battle with some of the nastiest ninjas in the whole wide world.

900-2772 ..... **39.95**

**Thexder.** Command a Thexder Robot-Jet Super Assault Vehicle. Change from robot to jet at the touch of a button and blast enemy creatures in your path with your high-energy laser.

900-2822 ..... **34.95**

**Teenage Mutant Ninja Turtles.** Lovely April O'Neil is at the mercy of Shredder the Maniac. You'll control every leap, chop, slice and dice in this to-the-death adventure. Requires 640K.

3 1/2", 903-1135.

5 1/4", 905-1135 ..... **39.95**

**After Burner.** Grab your joystick and get ready for supersonic thrills! Do dips, turns and barrel rolls in your F-14 Thunder Cat.

3 1/2", 903-2864.

5 1/4", 905-2864 ..... **39.95**

## Sports

**NEW! Earl Weaver Baseball II.** Move up to the big leagues with the completely new version of the leading baseball simulation game. Improved graphics, game action and league play.

900-1145 ..... **49.95**

**NEW! Wayne Gretzky Hockey.** Once again, face off with "The Great One," Number "99," Wayne Gretzky, nine-time winner of the NHL's MVP award and all-time hockey great.

900-2809 ..... **54.95**

**John Elway's Quarterback.** All the strategy and ground-pounding excitement of the world's greatest sport.

900-3136 ..... **39.95**

**Jordan vs. Bird: One on One.** Features one on one, 3-point action and the high-flying Slam-Dunk Contest.

900-3313 ..... **29.95**

**Mean 18 Golf.** This is golf as it should be, with lifelike animation patterned after the pros and numerous strategy options. Travel to famous courses, or design your own. You get all the elements of play.

900-3318 ..... **19.95**

**World Class Leader Board.** Play the same courses that have challenged golf's greatest legends—St. Andrews, Doral Country Club and Cypress Creek.

3 1/2", 903-0968.

5 1/4", 905-0968 ..... **59.95**

**Hardball II.** Hardball II retains the all-star qualities of the original and so much more! Dirty your jersey with the turf of seven different stadiums! 3 1/2", 903-0969. 5 1/4", 905-0969 ..... **49.95**

**Jack Nicklaus' Greatest 18 Holes of Major Championship Golf.** Tee off on the most challenging 18 holes of championship golf with the legend who hand-picked each one—Jack Nicklaus. 3 1/2", 903-0970. 5 1/4", 905-0970 ..... **59.95**

**Monday Night Football.** Feel the hits, hear the grunts and experience real NFL football action. Requires 640K. 3 1/2", 903-1003. 5 1/4", 905-1003 ..... **49.95**

**PGA TOUR GOLF: The Tournaments.** Now you can experience the pros, the courses, the tournaments, the leaderboard—the million dollar purses! 3 1/2", 903-1037. 5 1/4", 905-1037, **49.95**

**John Madden Football.** Field conditions, injuries, penalties, turnovers, substitutions, player ratings and matchups are all part of the game. 3 1/2", 903-1056. 5 1/4", 905-1056 ..... **49.95**

**NEW! LINKS: The Challenge of Golf.** This amazing 256-color golf simulator gives you unprecedented 3-D graphics, so advanced you'll think you're on the course! Requires 640K and VGA.

3 1/2", 903-1117. 5 1/4", 905-1117, **59.95**

**NEW! LINKS: Championship Course—Firestone Country Club.** Requires LINKS: The Challenge of Golf. 3 1/2", 903-1110. 5 1/4", 905-1110 .. **24.95**

**NEW! LINKS: Championship Course—Bountiful Golf Course.** Requires LINKS: The Challenge of Golf. 3 1/2", 903-1075. 5 1/4", 905-1075 .. **24.95**

**Grand Prix Circuit.** Blaze through Monaco, Germany and Japan in this Formula One racing simulation. 3 1/2", 903-1281. 5 1/4", 905-1281 ..... **24.95**

**Magic Johnson's Basketball.** Full-court arcade action brings the realism of big-time hoop play home to you. 3 1/2", 903-2775. 5 1/4", 905-2775 ..... **39.95**



# THE FUN-DAMENTALS OF LEARNING

## Mixed-Up Mother Goose

Oh no! Mother Goose has misplaced some of the characters and items from her nursery rhymes. Can you help her find them? Since the computer randomly locates the objects, children can enjoy this adventure over and over again. Designed for ages 4-up. 900-1210

**29.95**



## Computer Literacy

**Stickybear Typing.** The friendliest typing program on the market! Includes three different activity games that let the user sharpen skills for typewriter and keyboard mastery. Work along with Stickybear and discover how easy—and fun—typing can be! Ages 8-up.

3 1/2", 903-5546.

5 1/4", 905-5546 ..... **49.95**

## Early Learning

**NEW! Katie's Farm.** Even your youngest child will be able to enjoy a trip to Katie's Farm where there's no such thing as a lazy day. A simple click of the mouse lets children decide who will feed the horse a carrot or find out what happens when they choose a bucket to gather eggs. Best of all, because there are no words for children to have to read, they can run the program themselves—a real confidence booster! For ages 2-6, but even younger children can click the mouse and make selections without failing because success is built right in! Pack your bags and take a trip to Katie's Farm today. 900-1090 ..... **39.95**

**NEW! McGee.** The sun's up, and McGee is ready for a new day of fun. Without using words, this entertaining program lets children choose what McGee will do—bounce the ball, ride a hobby horse, talk to a puppet . . . Whatever your child decides, McGee is ready to do it! Realistic sounds and animation. For ages 2-6. 900-1091 ..... **39.95**

**NEW! ECO-SAURUS.** An ecology teaching game for the '90s. This exciting ecological graphic adventure teaches children conservation awareness and the importance of recycling. Using basic reading and problem-solving skills, players must rebuild their downed spaceship strictly from recycled materials so that they can fly off of ECO-ISLAND. For ages 4-8. 900-1153 ..... **39.95**

**Learning Library I.** A lively package of three separate software programs developed by Children's Television Workshop, the producers of Sesame Street. Stories include Astro-Grover, Ernie's Magic Shapes and Big Bird's Special Delivery—all designed to develop coordination and identification skills. Ages 3-6. 900-3375 ..... **24.95**

**Learning Library II.** Three more fun learning programs featuring Sesame Street characters: Grover's Animal Adventures, Ernie's Big Splash and Pals Around Town. Children will have fun identifying animals, people, places and objects with the Sesame Street gang around as helpful guides. For ages 3-6. 900-1212 ..... **24.95**

## Language Arts

**Super Solvers: Midnight Rescue.** The Master of Mischief is dousing the school with disappearing paint and you only have till midnight to read for clues, collect your facts and unmask the culprit. Develops reading and thinking skills. Requires 640K RAM. 900-1127 ..... **49.95**

**Talking Reader Rabbit.** Four animated games help develop fundamental reading and spelling skills, and improve letter and word recognition, memory skills and vocabulary. Games increase in difficulty as skills grow. Lessons are customizable. Ages 5-7. 900-1130 ..... **49.95**

**Writer Rabbit.** Join Writer Rabbit at a sentence party and learn to create complete sentences and stories. Builds reading comprehension skills and develops writing and creative-thinking skills. Custom select vocabulary level, sentence length, game speed. Ages 7-10. 900-2815 ..... **49.95**

**Speed Reader.** Now you can double, triple, even quadruple your reading speed and increase comprehension with Speed Reader. Six activities using proven techniques help you learn how to quickly scan passages and identify key elements of the content. 900-3106 ..... **49.95**



**Smooth Talker.** Accepts plain-English text from a keyboard or text file and automatically synthesizes it

into a clear, smooth-sounding voice. Use it to proofread letters, verify spreadsheets, tell stories, teach your kids or just have fun. Ages 13-up. 900-3368 ..... **39.95**

**NEW! Stickybear Word Scramble.** Dazzling graphics enhance this adventure game. Hundreds of scrambled words and puzzles build vocabulary and sharpen thinking. Automatic advancement keeps the game challenging. Ages 7-11. 900-1083 ..... **49.95**

**Word Attack Plus.** Five captivating vocabulary-building activities—divided into ten levels of difficulty—cover over 700 words and meanings. Ages 10-up. 3 1/2", 903-1218. 5 1/4", 905-1218 ..... **49.95**

**Read and Roll.** Original stories—320 of them!—improve reading comprehension in five areas: main idea, inferences, relevant facts, sequencing and vocabulary. Ages 8-11. 3 1/2", 903-1279. 5 1/4", 905-1279 ..... **49.95**

**Stepping Stones Bonus Pack.** Entertaining introduction to the fundamentals of learning. Level One covers the alphabet, counting, spelling and vocabulary. Level Two covers early reading games through arithmetic. 3 1/2", 903-2783. 5 1/4", 905-2783 ..... **49.95**

**Stickybear Alphabet.** Spectacular graphics and a talking Stickybear make learning the alphabet and other pre-reading skills a delightful, enriching experience. Teaches and reinforces word and letter recognition. Ages 3-6. 3 1/2", 903-2786. 5 1/4", 905-2786 ..... **49.95**

**Grammar Gremlins.** Improve reading and writing skills with this exciting, easy-to-use grammar program. Covers over 60 rules using 600 practice sentences. Editor function lets you customize the program. Ages 8-11. 3 1/2", 903-3148. 5 1/4", 905-3148 ..... **49.95**

**Stickybear Reading Comprehension.** Stickybear helps improve reading skills in this multi-level reading comprehension program. With 30 stories—or enter your own stories and questions. Ages 8-11. 3 1/2", 903-5533. 5 1/4", 905-5533 ..... **49.95**



# SHARPEN YOUR THINKING SKILLS

## Math

**Algebra 1: First Semester.** Get an introduction and drill practice in all first-semester algebraic concepts. Complements many of today's texts.  
900-0956 ..... 49.95

**Algebra 1: Second Semester.** Once you've mastered the first-semester basics, it's time to tackle more. Includes drills on solving equations and graphing.  
900-0957 ..... 49.95

**Math Blaster Mystery.** Play "Equation Detective" and solve a variety of problem-solving math mysteries. Builds confidence as children master word problems and develop critical-thinking skills. Positive reinforcement encourages success. Ages 10-up.  
900-1060 ..... 49.95

**Super Solvers: OutNumbered!** Your mission: stop the Master of Mischief before he changes all of Shady Glen's TV shows to his own boring programs. But move quickly—time is limited! Arcade action combines with dynamic word problems that use charts, lists and other graphics to help players analyze, structure and solve basic math problems. Ages 7-12. Requires 640K RAM.  
900-1126 ..... 49.95



**Alge-Blaster Plus!** Conquer first- and second-semester algebraic concepts with ease using a simple step-by-step approach. Five activities include hundreds of equations, graphs and exercises—and each activity can be customized for each learner. There's even an algebra-based game to help motivate learners! Ages 12-adult.  
900-1138 ..... 49.95

**Math Rabbit.** Primary math concepts can be fun! Four imaginative games introduce children to the fascinating world of numbers and teach addition/subtraction and equality/inequality. Ages 4-7.  
900-2814 ..... 39.95

**Math Maze.** The game that makes math exciting! Children learn addition, subtraction, multiplication and division while racing through a maze. Watch out for invisible walls and chasing spiders! Create your own design. Ages 6-11.  
3 1/2", 903-5085. 5 1/4", 905-5085 ..... 39.95

**Stickybear Math 1.** Young learners solve sets of addition and subtraction problems to help Stickybear out of some pretty sticky situations. Choose automatic advancement or special customization. Ages 6-9.  
3 1/2", 903-5300. 5 1/4", 905-5300 ..... 39.95

## Problem Solving

**Think Quick! Adventure Game.** Fast-paced game helps children develop important thinking skills needed for future learning. Race through over 100 rooms in the Castle of Mystikar with its secret panels, magical objects, maps and clues. Explore at your own pace, race against the clock or create your own games. Ages 7-14.  
3 1/2", 903-3284. 5 1/4", 905-3284 ..... 49.95

## Science

**Car Builder.** Award-winning simulation lets you design, construct and test cars that you build. Choose the model and the features of your car. Design for aerodynamics and fuel efficiency. Includes wind tunnel and test track. You can even print out your specs.  
3 1/2", 903-0965. 5 1/4", 905-0965 ..... 49.95

## NEW! Where in the World is Carmen Sandiego?—Deluxe Edition

All-new version of the popular geography/detective game. Features spectacular VGA photos, 2500 clues, 45 countries, 20 villains, 62 animations, digitized sound and new crimefighting technologies. Requires 10MHz 286 processor, 640K, hard drive, VGA. 900-1089 **79.95**



## Social Studies

**Where in the USA is Carmen Sandiego?** Chase Carmen and her gang through all 50 states and Washington, D.C. You'll need your travel guide, fantastic sleuthing skills and knowledge of history and geography to catch her. Learn fascinating data about the states along the way.  
900-1059 ..... 49.95

**Where in the World is Carmen Sandiego?** Carmen has stolen the torch from the Statue of Liberty! Now you're off on a whirlwind chase through the great capitals of the world: London, Rome, Moscow, Katmandu, and more. Decipher clues along the way using the World Almanac.  
900-2816 ..... 49.95

**Where in Europe is Carmen Sandiego?** This time Carmen and her gang are stealing Europe's greatest treasures. With the help of your atlas, an online database and a crimestopper's notebook, you'll track her through 35 European nations, learning their cultures and histories as you go.  
900-3341 ..... 49.95

**Sid Meier's Railroad Tycoon.** Escape to the Golden Age of railroads. You control every aspect of your operation—determine the fates of towns, the prosperity of businesses, the success of industries. Choose between four world regions as you battle the industrial tycoons determined to crush you. Requires 640K RAM.  
900-1137 ..... 59.95

**See the U.S.A.** Cross-country "auto" trips challenge players to learn about states and capitals. Players can create their own questions and customize hints and responses to test each other's knowledge of virtually any topic.  
3 1/2", 903-3135. 5 1/4", 905-3135 ..... 49.95

**PC Globe Plus.** Continents, countries and cultures come alive in richly detailed maps, graphs and statistics. Work with an extensive database and tailor it to your needs. Append and extend your knowledge.  
3 1/2", 903-3361. 5 1/4", 905-3361 ..... 69.95

## School Training/Study

**Your Personal Trainer for the SAT.** Improve your SAT scores! Your computer will score, analyze and assess your performance on the SAT, then devise a detailed, individualized program. Graph your progress and compare your score to national and college averages. Includes vital test-taking strategy. 900-1143 ..... 49.95

**StudyMate: The Grade Booster.** Use your own material and be tested on the exact facts you need to know. Retest immediately on incorrect answers. Save your tests and score. Separate files for multiple users.  
3 1/2", 903-0984. 5 1/4", 905-0984 ..... 49.95



# EXPRESS YOUR ARTISTIC SKILLS

## NEW! Make a Date With Calendar Creator Plus

Now you can quickly create great-looking calendars for all your business and personal activities. Combine attractive graphics and fonts, then print in a variety of sizes and formats—including popular organizer styles. Select from daily, two-day, weekly, monthly, quarterly, annual and other calendar formats. **59<sup>95</sup>**  
900-2634



## NEW! Play It By Ear Develops Music Skills

Now you can master the subtle sounds of single tones, intervals and chords. Play It By Ear provides a variety of self-paced exercises in a realistic learning environment, featuring onscreen piano keyboard and guitar fretboard. The program responds instantly to your actions. Requires 640K. **99<sup>95</sup>**  
3 1/2", 903-1125.  
5 1/4", 905-1125



## NEW! PrintPower PRO™ for Outstanding Results

Print like a professional with your very own personal computer and PrintPower PRO. Allows you to be a professional designer. Create banners, greeting cards, calendars, stationery and more! Best of all, there is complete character editing, allowing you to use a variety of features. Prints in seven typefaces. **24<sup>95</sup>**  
25-1437



## Spectacular Banners With Bannermania

Bannermania lets you produce spectacular, professional-quality designs—with styles and effects that are available nowhere else. Thousands of special designs and 34 special effects allow you to produce dazzling, eye-catching signs. You can even make great-looking bumper stickers and powerful posters! **34<sup>95</sup>**  
900-0529



## Extra! Extra! Become Your Own Publisher!

**NewsMaster II.** Create a variety of publications without complications or expense. You can be the publisher of attractive and functional newsletters, bulletins, announcements, brochures, rosters, ads, schedules, menus—just about any printed piece imaginable. Edit text and integrate graphics with multiple columns per page and multiple pages per document. Perfect for clubs and other social organizations, churches, schools, businesses—in short—any group that needs to get the word out about their organization. Choose from four different page views with six levels of zoom. **79.95**  
3 1/2", 903-1262.  
5 1/4", 905-1262

**The NewsRoom.** Now you can create and print your own publications from start to finish. The NewsRoom was designed for schools, churches, clubs, civic groups, businesses, and other organizations. Begin with your choice of over 600 graphics, then combine, alter or custom-make your own to suit your particular need. Enter text in one of five typestyles using the built-in word processor. For a professional look, the text will automatically wrap around the graphics you selected. Get the word out—with NewsRoom! **19.95**  
3 1/2", 903-5511. 5 1/4", 905-5511

**WritePro.** This could be the break you've been waiting for! Sol Stein, successful author and editor, guides you through one of the most thorough writing programs ever created. WritePro comes with a built-in word processor, so you're up and running in one minute. Everything you write is automatically saved—so you can write with confidence! WritePro is a tool no writer should be without.

3 1/2", 903-2677 ..... **79.95**  
5 1/4", 905-2677 ..... **79.95**

**PrintMaster Plus.** Turns your computer into a print shop. PrintMaster Plus brings out the graphic artist in you, with easy-to-use menus that let you choose from a variety of typestyles, graphics, border designs and layout patterns. Create calendars, greeting cards, letterheads, signs and more with your computer's dot-matrix printer. **59.95**  
900-3071

**PrintMaster Art Gallery.** These libraries include 280 graphic images such as holidays, animals, sports, people, religious symbols, international symbols, ornamental letters, household items, zodiac signs and much more! Requires PrintMaster, PrintMaster Plus, NewsMaster or NewsMaster II. **39.95**  
3 1/2", 903-3174. 5 1/4", 905-3174

## Just For Kids!

**Sesame Street Print Kit.** Join the delightful Muppets and Sesame Street characters to make signs, greeting cards, place mats, coloring books and posters. Kids will love decorating their rooms, making personalized gifts and cards, and having loads of fun as they select from an array of graphics and fun typestyles. **14.95**  
900-2757

**Sesame Street First Writer.** A beginning word processing program that's fun to use and helps children learn to write. All the delightful Sesame Street characters will come to life as they teach your child basics in writing, punctuation and grammar skills. **14.95**  
900-2758

**Children's Writing and Publishing Center.** An exciting new way for children to create, design and print illustrated reports, letters, stories, newsletters and more. Adds a new dimension to word processing and desktop publishing. Entertains and helps build children's written communication skills. It's easy for children to use powerful word processing, pictures and page layout capabilities to create documents. Features the DeskMate Graphical User Interface. **69.95**  
900-1052



# CREATE WITH DESIGNER SOFTWARE

## The New Print Shop Lets You Publish Almost Anything!

- Gives Creations a Polished Look
- Great for Church, School, Home—Even Small Businesses
- Simple Menus Guide You the Whole Way



## Add Extra Power and Punch to The New Print Shop

- Complement to The New Print Shop
- Powerful Editors Let You Create Your Own Graphics
- Produce Reports and Flyers in Minutes



**The New Print Shop** lets you make fun, personalized greeting cards, signs, calendars (daily, weekly, monthly and yearly), posters, banners, letterheads—whatever your mind can imagine on the printed page. It's easy to use. You don't have to be an artist or a computer whiz. Simple menus guide you all the way. You choose from nearly 100 professionally created graphic elements, including borders, graphics and typefaces. Place multiple graphics and typefaces anywhere on the page. You can even treat text like art: shrink, resize or center your message. "What-you-see-is-what-you-get" feature lets your imagination run wild as you design. 25-1298

**54<sup>95</sup>**

**The New Print Shop Companion.** If you liked The New Print Shop, you're going to love this companion software. You'll discover brand-new features that let you do things you've never been able to do before. Page Publisher includes special templates and typefaces that make it easy to produce reports, newsletters and flyers. Letter Writer gives you a text editor for typing personal and business letters on letterhead you create with The New Print Shop. Envelope Maker lets you create beautiful envelopes to match your letters and greeting cards. It's never been easier to design custom monochrome graphics. Does not require The New Print Shop to operate. 25-1436

**49<sup>95</sup>**

## PrintShop Accessories

Maybe you're the owner of a small business and you'd like to begin creating your own mailouts instead of paying somebody else to do it. Or perhaps you're involved in church or community work and need to get the word out about upcoming events and programs. Maybe you just have something to say to the world and need an effective means of communicating your message. Whatever your message, the only way you'll effectively get anyone even mildly interested is with the sharpest-looking printed matter possible. These designer programs will allow you to unleash your creativity and make the impact you've been needing to make.

### The New Print Shop Graphics Library, Sampler Edition.

Choose from over 100 graphics, borders and fonts that will enhance your documents! The Sampler Edition has a little bit of everything, with exciting graphics and design elements professionally created to add zip to your next memo, newsletter, poster or flyer. You'll also get new fonts, borders and full panel designs.

3 1/2", 903-1471.

5 1/4", 905-1471 ..... **34.95**

### The New Print Shop Graphics Library, Party Edition.

Here's everything you need to make your next party a smash! Create signs, party invitations, place cards, banners and even wrapping paper. Choose from over 100 designs for Valentine's Day, Christmas, Halloween, Easter, graduation, bon voyage and more!

3 1/2", 903-1472.

5 1/4", 905-1472 ..... **34.95**

### The New Print Shop Graphics Library, School & Business Edition.

Includes more than 100 graphic solutions—a boon to students, teachers and business persons. Here are lively graphic symbols that will enhance notices, forms, interoffice memos and more.

3 1/2", 903-1473.

5 1/4", 905-1473 ..... **34.95**

## And the Winner Is . . .

**NEW! Award Maker Plus.** Show your thanks for the hard work, the extra effort, the special accomplishment, for being part of the team. With Award Maker Plus, just four easy steps make every award special. Select the border. Specify black and white or color. Choose an illustration. Then type in your personalized message and date, add your signature. It's easy to honor a single person or a whole team! Award Maker Plus includes: simple instructions, hundreds of different awards and certificates, several styles of black and white or color borders, sample awards to whet your imagination and a special price on pin-feed parchment paper to make your next award a standout. You also get free gold embossed press-on seals, and capability to create name files and print out awards for an entire class or group. Perfect for clubs, classes, Sunday School groups, small businesses and other organizations that honor special achievement.

900-2596 ..... **49.95**

**NEW! Laser Award Maker.** Same as Award Maker (above) but designed for use with a laser printer.

3 1/2", 903-2597.

5 1/4", 905-2597 ..... **199.95**

**Certificate Maker.** Don't just praise them with words—give a permanent pat on the back. Present that special award-winner with a certificate that has been personalized using a choice of 24 different border styles, your own words of commendation and a variety of typestyles and sizes. Certificate Maker's simple interface allows quick, professional results in a matter of minutes. Use its name list to print several individualized certificates in succession. Add the final touch using one of the three dozen brightly-colored seals included. Choose from over 200 ways to recognize all kinds of achievements. Perfect for use in schools, clubs, businesses, civic groups or at home.

3 1/2", 903-5510. 5 1/4", 905-5510 ..... **39.95**



# PERSONAL FINANCE PROGRAMS

## Managing Your Money

Serves as a reminder pad and a complete budget and check-book program. Helps with tax estimation and can even print out your Schedule D. Evaluates current life insurance needs, performs rental property analysis, loan analysis, investment analysis and more. And it's easy to use—whenever you need help, just press the ESCape key, and a HELP message will appear.

3 1/2", 903-1247. **21995**  
5 1/4", 905-1247



## NEW! DeskMate CheckFree



The nationwide personal electronic banking service. Lets you perform financial transactions involving your checking account at home. Now you will be able to pay all of your bills and more electronically, in just minutes per month. Requires modem and two 360K floppy drives or one 720K floppy drive. **1995**



## NEW! DeskMate Companion: Personal Financial Assistant

Guides you through the process of analyzing loans, purchases or investments. Explore various scenarios as you analyze retirement planning, college planning or home loans. Great for businesses, too. Calculates cash flow, internal rate of return and more. Includes compound interest, rule of 78s, nominal interest, effective interest rate and commercial paper, plus lease vs. buy, depreciation, inflator/deflator, currency converter and apportionment by ratio. **19.95**

**Checkwrite Plus.** Brings your financial routine under time-efficient control. Includes everything you need to automate your monthly bill payments. It's flexible; you can customize the program to perfectly meet your personal or business needs. Forecast your cash, plan for taxes and print amortization schedules. A powerful small business management tool, with features like: Accounts Payable and Receivable, Bank Account Management, Cash Forecasting, Loan Tracking and Analysis, Full Business Reporting and more. **49.95**

3 1/2", 903-1358.  
5 1/4", 905-1358

**Home Financial Organizer.** A comprehensive software package designed to help you get organized. Helps you successfully organize personal finances with a minimum amount of time. Your finances will never be out of order again. Requires two floppy drives. **69.95**

3 1/2", 903-1353. 5 1/4", 905-1353

**NEW! MyCheckbook.** Even easier to use than your checkbook. Write checks just like you do now. Stay balanced at all times, automatically. Put expenses in categories. See the payee history while you write your checks. Reconcile easily through the check register. Easily enter handwritten checks or ATM withdrawals. Simplify your checking account. **24.95**

**NEW! MyBusinessCheckbook.** Works for your business. Simplifies your company's payment procedures. You will always know your financial position, balances are calculated and displayed after each check is written. Categorizes business expenses automatically. Helps control your monthly expenses—you can organize your budget by department or category. Prints 15 great, easy to understand business reports: five expense reports, five cash reports and five control reports. Includes powerful business features that personal checkbook programs don't have. You can pay up to eight invoices with one

## NEW! TaxCut

Make tax preparation easy with the only expert system for managing your taxes. When you have completed your return, TaxCut's Expert will audit the result for deductions you may have missed and entries which may trigger an IRS red flag, and will recommend solutions. And only TaxCut guarantees its results; they'll pay any penalties for miscalculations. **5995**



## NEW! Quicken 4.0

Saves time and gets you organized. You'll be amazed at how easily you get started, how fast you can finish finance chores and how relaxing it is to know how much money you have and where it goes. Keeps your finances accurate and up-to-date automatically. Great for business use. It's all the accounting software many businesses need. **5995**



check—the total is automatically entered on the check. Viewing past payments to the payee as you write each check helps you avoid double or overpayment. Budget expense categories by job or by department, look at actuals, budgets and variances to pinpoint when and where you go over budget. **39.95**

**Stock Portfolio.** Learn to play the stock market on your computer. Lets you easily compute the difference between buy and sell, evaluate market changes, consider stock splits and compute profit and loss. Great for both beginners and experienced stockbrokers. **29.95**

## Why Automate Your Finances?

Personal finance programs help you take control of every aspect of your finances. You'll be able to set up a budget to track where your money is going and plan for the future. You can plan for retirement or your child's education. And by categorizing expenses, preparing your taxes becomes a lot easier. It's easy to get organized when you've got the right tools!



# PERSONAL/HOME MANAGEMENT

## DeskMate Home Organizer Companion



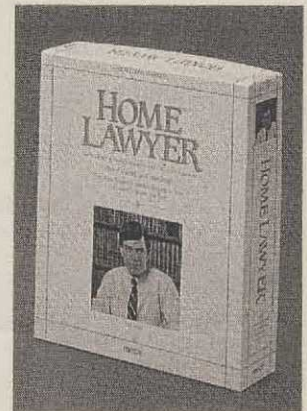
You'll have more free time once you organize your family's busy lifestyle. Includes 15 applications designed to take care of personal management chores, organize your kitchen and track income and expenditures. Refer to page 9 for more information. **99<sup>95</sup>**  
25-1370



## NEW! DeskMate Home Lawyer



Now you can use your computer to compose 16 important legal documents. Includes Residential Lease, Power of Attorney, Last Will and Testament, Bill of Sale and many more. Simple question and answer format. Professional quality printed documents. **69<sup>95</sup>**  
25-1434



## NEW! Check Your Daily Horoscope With Visions

If you're serious about astrology, Visions is for you. It performs complex computations used by professional astrologers to probe the complexities of the human psyche. Using precise planetary movement data, it generates complete astrological data as well as horoscopes. **39<sup>95</sup>**  
25-1433



## NEW! Personal Roots

This genealogy program will help you trace your family history and organize the information into fascinating reports. Prints family history worksheets to help you collect data. Includes a helpful handbook to guide you through the process, and gives you hints for organizing data and finding information. **19<sup>95</sup>**  
25-1432



## DeskMate Outliner Companion.

Helps you organize your thoughts into reports, speeches or any written document. You can create up to ten levels of detail—all levels are defined by you and are under your control. Every line within the outline contains a detail screen where users may enter descriptions of that topic. Enables you to display up to six outlines at once. Using standard DeskMate functions, users may define all descriptions, lock levels and Cut and Paste for simple editing between outlines, detail levels or other DeskMate applications. **19.95**  
25-1364

**Individual's Resumé Maker.** Puts you on the right track to getting the job you want. Everything you need to successfully manage your job search in one convenient software package. First, choose the resumé style which best fits you, then just fill in the step-by-step, on-screen information entry forms with your experience, education and skills. Resumé Maker automatically transforms your input into a professional-looking resumé. You also get a selection of cover letters and tips for successful interviewing. Requires hard drive or two floppy drives. **49.95**  
900-2542

**NEW! Address Book Plus.** The best way to manage names, addresses, telephone numbers and other vital information. With Address Book Plus, you can produce impressive, easy-to-read address book pages, mailing labels, rotary-file and index cards, envelopes, and phone lists. Organize all of your lists quickly and easily—the pre-defined data-entry screen helps you quickly build and manage your address lists. Organize lists by assigning each item to a category. Searching and sorting features help you access information efficiently. Includes a variety of ready-made formats to fit portable organizers. **79.95**  
900-2633

**For The Record.** Helps you keep track of all of your valuable documents. Provides a place to organize and record essential information about your legal, financial and personal records. You will be able to retrieve information in seconds, not waste hours looking for it. There is also a lockout feature with code so that only you can access the information. Includes a manual which offers hundreds of legal and practical tips on record keeping and financial planning, plus an overview of how to avoid probate and reduce taxes. **59.95**  
3 1/2", 903-0528  
5 1/4", 905-0528

**NEW! Personal Law Firm.** Create binding legal documents to protect yourself, your family and your business—quickly and easily. The most complete legal software system available today. Combines the best-selling Personal Lawyer, Personal Lawyer Lifestyles and Personal Lawyer Business Edition into one comprehensive system. So easy to use—just select a type of document, type in answers to questions about your specific situation, and the system "writes" the document for you. Now you can create almost any legal document, for business or personal use, yourself. **99.95**  
900-2604

**WillMaker 4.0.** Avoid the expense of hiring a lawyer. With WillMaker, you can prepare and update your own will. This newly-enhanced version offers even more legal options and better user help. It's easy to use, leading you through a series of questions, then compiling your answers to make a will that is valid and effective under the laws of your state. To aid you, WillMaker features on-screen help and includes a comprehensive manual which provides easy-to-understand explanations of the laws, and gives examples of how they work for you. **59.95**  
3 1/2", 903-0527  
5 1/4", 905-0527



# ORGANIZE YOUR LIFE AND HOME

## Easy-to-Use Mailing and Phone List

- Lets You Keep Track of Important Phone Numbers and Addresses
- Dials Numbers Automatically With Optional Modem
- Prints Addresses on Labels and Envelopes

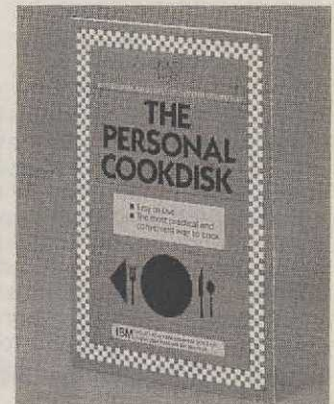


**Mailing and Phone List.** A useful program which is an address and phone reference that will dial telephone numbers (with modem) and print addresses on labels and envelopes. Mailing and Phone List lets you search, sort and print files alphabetically, by first or last names, or as selected list sorted by categories. 900-1327

**29<sup>95</sup>**

## The Personal CookDisk for Your Recipes

- Catalog and Update All Your Family's Favorite Recipes
- Print Up a Handy List to Take to the Grocery Store
- Find Your Recipes Quicker



A breakthrough for these busy days when preparing a meal becomes such a chore! The Personal CookDisk is a file for all your favorite recipes in an easy-to-use computer program. Recipe entry is simple, and finding your recipes is as easy as pushing a button. 3 1/2", 903-2722. 5 1/4", 905-2722.

**19<sup>95</sup>**

## Byte-Size Programs

**Home Inventory.** Keep an accurate record of all the important items in your home, from CDs, records, video tapes, jewelry, antiques and other valuables with this easy-to-use database designed for home inventory use. Home Inventory records can provide your insurance company with a detailed listing of your personal property should your home be struck by theft, fire, tornado or flood. Make a backup of your inventory on diskette and keep it in your safe deposit box or other secure place. You'll be ready in the event of an unforeseen disaster. Great for keeping track of all your collectibles—like baseball cards—too! 900-1330

**29.95**

**Video Tape Log.** A simple yet powerful database for organizing and cataloging video tapes, audio tapes and CDs. Video Tape Log will sort all fields, identifying those records specified. All information entered can be searched, making it easy to find programs with specific actors, themes, ratings, etc. Video Tape Log features multiple file capability with the number of records you can enter limited only by disk space available. Records can be printed or written to disk. 900-1486

**29.95**

**Recipe Finder.** A handy tool for keeping an index of favorite recipes by Title, Category (main dish, salad, etc.), Main Ingredient, Preparation Time and Location (cookbook or personal files). In addition, you can search the comment lines for times and occasions that you've used a particular recipe in the past. No need to enter the actual recipe into the computer—that's what cookbooks are for! 900-2712

**29.95**

## "My..." Software

**MyMail List.** The most efficient, easy-to-use mailing list available! MyMail List helps you keep your important lists accurate and up-to-date. Just call up a name and in seconds you'll have the address you need for all your mailings—you'll never have to go hunting an address again! Everything you need is right at your fingertips. Great for home and business use. 900-2801

**24.95**

**MyLabelmaker.** Labels have never been so easy to make! Make Rolodex® cards, audio cassette labels, moving labels, return-address labels, floppy disk labels, video cassette labels, binders and much more. Great for small businesses, churches and other organizations that mail out in volume. 900-2802

**24.95**

**MyPhonebook.** A personal phonebook that will keep you organized. Just pop in MyPhonebook and all your important numbers are at your disposal—up to 400 records can be listed. 900-2803

**19.95**

**MyTreasures.** Keep track of your home inventory, audio collection, stamp collection, baseball card collection, books, tools and more with this great home organizer. Choose from 11 formats or create your own. 900-2804

**19.95**

**MyCheckbook.** An easy-to-use program that will help you keep your checking account balanced. You can write checks, put your expenses in categories, enter ATM and other withdrawals and more! MyCheckbook is much easier than yours! 900-2623

**24.95**

## CD-ROM Programs

**NEW! Phytonarian Handbook.** Are your shrubs looking a little anemic? Do your trees threaten to shed all their leaves with each wind? Are your lawn plants beginning to embarrass you? Then the Phytonarian Handbook is just what you need! This program helps you identify and diagnose common diseases among lawn trees, shrubs and plants. Learn to spot problems and treat them before your lawn becomes a wasteland. Remember, you don't need a green thumb to have the best-looking lawn on the block. 900-2875

**149.00**

**Food Analyst.** Whether you're watching your weight or keeping track of your nutrients, Food Analyst can help. Food Analyst gives you complete breakdowns on foods and includes the entire USDA food composition database for over 5000 foods. Now you can really keep track of your diet! 900-2902

**99.95**

**Food Analyst Plus.** Enhanced version of Food Analyst includes the Canadian Nutrient File 1988, info on 8000 brand name and fast foods from over 150 companies, nutrient content (100 nutrients) of approximately 20,000 foods. 900-2903

**199.95**

**Bible Library.** A truly exhaustive work with 9 Bibles, 18 references, Bible language dictionaries, word studies, commentaries and more. Perfect for both the theologian and the layperson. 900-5513

**595.00**

**Shareware Gold.** Contains shareware programs that are authorized and virus-free. 900-2893

**79.95**



# ENRICH YOUR PERSONAL LIFE

## Calorie Counter Health Software

If you've ever wondered how healthful your diet really is, Calorie Counter has the answer. Analyze your total diet in terms of calories, cholesterol, fat, sodium, fiber and nutrients and highlight areas of deficiency or excess. Provides customized guidelines based on your age, sex, weight and activity level. 3 1/2", 903-2512. 5 1/4", 905-2512

**39<sup>95</sup>**



## Family Tree Maker

Draws delightful family lineage trees with your choice of information, type styles and borders that are suitable for framing. Choose from ancestor, descendant or photo trees. You can even track family medical histories. Includes a helpful manual with research tips, complete with genealogical information sources. 900-2513

**59<sup>95</sup>**



## Create Space With FLOORPLAN

Designed for those who need the convenience of a computerized floorplan drawing program at a reasonable price. FLOORPLAN lets you move, copy, erase, invert, reflect, rotate or magnify objects as you wish. Draw lines, walls, circle, dots and polygons. Calculate square footage instantly. 3 1/2", 903-2540. 5 1/4", 905-2540

**49<sup>95</sup>**



## Get In the Word With PC Study Bible

This computerized Bible (King James, New International and Naives Bible Reference) includes a concordance and word processor that lets you search the entire Bible in seconds. Easy-to-use menus and on-line help make the PC Study Bible a great help for writing sermons or for Bible study. 3 1/2", 903-0523. 5 1/4", 905-0523

**149<sup>95</sup>**



**Great Chefs—Master Collection.** Now you can get the entire collection of recipes as seen on the PBS "Great Chefs" series, including the "Great Tastes of the Southwest." You get over 800 acclaimed recipes, and a wealth of cooking tips, personal anecdotes and other suggestions from some of the greatest chefs in the world. They'll even guide you on the appropriate wines to go with your meals. Bon Appetit! 3 1/2", 903-1207. 5 1/4", 905-1207

**65.00**

**Family Care.** The next best thing to your family physician! Family Care offers practical solutions for treating minor illnesses at the home. Created by an expert team of pediatricians to help parents diagnose and treat children's medical problems, Family Care offers suggestions for children ranging from birth to 15 years of age. Select from 46 medical areas or choose from an index of 650 items. Program includes questions parents ask about their children's symptoms and offers solutions. 3 1/2", 903-2710. 5 1/4", 905-2710

**59.95**

**Mr. Boston Official Micro Bartender's Guide.** Now you can be the perfect host—by being able to mix just about any drink imaginable. Rob Roy? No

problem! A dry Manhattan? You got it! With Mr. Boston, you'll be able to mix over 1000 classical and contemporary cocktails, as well as get a printout of all the necessary ingredients and glassware for the occasion. Contains low and no alcohol drinks, too!

3 1/2", 903-2508. 5 1/4", 905-2508, **39.95**

**NEW! Canis.** A futuristic approach to the selection and care of your dog. Canis is loaded with helpful hints and many other facts that will expand your knowledge and increase your enjoyment of man's best friend. You'll learn about the most popular breeds, health and preventative care of your dog, diseases and first aid, nutrition, the history of dogs, a selection of over 400 names.

3 1/2", 903-2594. 5 1/4", 905-2594

**39.95**

**Micro Kitchen Companion.** Now you can run your kitchen the way you've always wanted to! Micro Kitchen Companion is the most advanced cooking reference system ever created. It includes a recipe storage and retrieval system that will save valuable time when you're looking for Aunt Lori's Buttermilk Pie recipe! It also features a Recipe Library Manager to keep all your recipes carefully arranged. 3 1/2", 903-2748.

5 1/4", 905-2748 **39.95**

**Chef's Accountant.** Now you can plan great tasting meals and economize down to the number of people exactly that will be eating! Chef's Accountant allows you to plan meals, analyze them for nutritional content, and resize them depending on how many "mouths to feed" that you have. 3 1/2", 903-2505. 5 1/4", 905-2505

**49.95**

**Nutri-Fit.** Are you sick and tired of those fad diets that leave you feeling lethargic and grumpy... not to mention starving? Give Nutri-Fit a try! It's the healthy way to get in shape—by teaching proper nutrition. Nutri-Fit charts your daily intake of over 30 essential nutrients and itemizes your calories, protein, fat and carbohydrate intake. Values are shown for each individual meal as well as for the total day. 3 1/2", 903-3301.

5 1/4", 905-3301

**49.95**

**Complete Computer Recipe System.** Now you can spend more time cooking and less time looking for that tattered old recipe. With The Complete Computer Recipe System you'll be able to reorganize all your recipes into one easy-to-run database system. You can set up an organized system of over 1000 recipes that can be called up in a matter of seconds. 3 1/2", 903-1340.

5 1/4", 905-1340 **39.95**



# QUALITY SPREADSHEET SOFTWARE

## Lotus Spreadsheet For DeskMate

- Combines Power And Ease of Use
- Spreadsheet, Database and Graphics in One Program



Combine the power of a premier spreadsheet with the ease of use of graphical user interface and what

do you have? Lotus Spreadsheet for DeskMate! This program from Lotus Development Corporation is perfect for personal, small business and home-office use. You'll find it an invaluable tool for business planning, financial analysis and decision making. The Lotus Spreadsheet for DeskMate uses the DeskMate Graphical User Interface's proven format of pull-down menus and pop-up dialog boxes to guide you. The package combines three essential analytical functions in one fully-integrated program: spreadsheet, graphics and database. Use the spreadsheet to calculate information, then interpret that information as a bar, line or pie chart. You can also take information from the spreadsheet and perform search and sort functions with the database application. It's easy to learn for first-time users. Reads and writes 1-2-3 release 2 files. All 1-2-3 cell formats, graphs and "@" functions are supported. 25-1283

**199<sup>95</sup>**

## NEW! Lotus 1-2-3 Version 2.3

- What-You-See-Is-What-You-Get Display for Easier Editing
- Auto Compress Helps Fit Large Spreadsheets on a Single Page



This new version of a tried-and-true spreadsheet analysis program offers the old features that made Lotus 1-2-3 the computer spreadsheet and many new features for greater power and ease of use. Lotus 1-2-3, Version 2.3 is now easier on the eyes with its live WYSIWYG (What-You-See-Is-What-You-Get) display for editing data and styles in the graphics mode with its various screen color and font options. Auto-Compress, a new print feature, fits wider spreadsheet output on a single sheet of paper in many cases. Printed output can be enhanced with the addition of over 200 graph style combinations, the use of clip art files and your own graphics created with resident drawing tools. Finally, Lotus has added numerous features that save time and effort. You can create text ranges for easy word processing, save page layout settings in library files to maintain standard formats, view and browse through all spreadsheet files, create data tables and database functions, and much more.

**DOS Version.** Supports DOS 2.1 and up.  
3 1/2", 903-2671. 5 1/4", 905-2671

**\$495**

## Manage All of Your Financial Tasks With These Spreadsheets

**Lucid 3-D.** A pop-up three-dimensional spreadsheet that combines technical excellence with intuitive design. Its 3-D capacity allows you to expand the scope of any cell with an entire spreadsheet or an eight-page note. All features of Lucid 3-D version 2.0 are accessible with easy-to-follow menus, speed keys or special keystrokes designed by you with the amazing "Lucid Language." Lucid 3-D also offers you virtually unlimited spreadsheet size. Color graphs (pie, bar, perspective bar, coordinate) can be accessed instantly. Link any range of cells to feed from other spreadsheets, or view a subsidiary sheet in a new window while still showing the present sheet on the screen. Lucid offers rapid update of 3-D models: multi-megabyte models that would have taken over 1 1/2 hours can be recalculated in less than a minute. Requires 2 floppy drives.

3 1/2", 903-1470.

5 1/4", 905-1470 ..... **99.95**

**SwiftCalc PC.** The power of SwiftCalc PC lies in its ability to apply mathematical functions and algebraic formulas to any spreadsheet-type analysis. Can be used by itself or interfaced with Timeworks' Data Manager PC (database) and Word Writer (word processor) programs. "Sideways" option permits printing of all your columns vertically on one continuous sheet. Special features include quick entry of sequential rows/columns headings using days, months or numbers, search and replace, data graphing, present and future value calcula-

tion, browse and freeze modes, cell looking, and much more. Sample spreadsheets illustrate budgeting and financial analysis to help you become familiar with the program and its commands. Requires 640K RAM and hard drive.

900-1265 ..... **39.95**

**Lotus 1-2-3 for UNIX System V.** This program provides UNIX system users the advanced spreadsheet capabilities available to PC users of Lotus 1-2-3 Release 3, including data analysis improvements, three-dimensional modeling capabilities, relational database functionality, improved graphics and file reservation features.

Lotus 1-2-3 for UNIX System V combines the core spreadsheet capabilities with the inherent features and benefits of UNIX to provide cross-platform file and data sharing, multi-tasking, superior network performance and support for multiple users. The product can run stand-alone on the desktop, as well as in a multiuser configuration, where multiple terminals can be attached to a personal computer without compromising performance.

3 1/2", 903-2655 ..... **1295.00**

**Lotus 1-2-3 Network Ver. 2.3.** Provides all the capabilities of the DOS version in a multiuser environment. Product comes with one user workstation. 3 1/2", 903-2672.

5 1/4", 905-2672 ..... **795.00**

**Lotus 1-2-3 Workstation, Ver. 2.3.**  
900-2676 ..... **495.00**



# SPREADSHEETS AND DATABASES

## Spreadsheet Programs

**Multiplan for DOS OS/2.** Microsoft Multiplan version 4.0 offers the capabilities of a sophisticated spreadsheet program within the MS-DOS and MS OS/2 environments. Running under OS/2, Multiplan lets you work on several spreadsheets simultaneously, with each one performing different spreadsheet operations. You can even run Multiplan along with other OS/2 applications. Multiplan also provides database support, making it easy to organize, file, sort and retrieve data in any spreadsheet. The consistent spreadsheet interface makes it simple to enter records, review your database and set search criteria. Also includes enhanced financial, mathematical and text functions.

900-3144 ..... **175.00**

**Multiplan for XENIX (286).** Designed to simplify "what-if" tasks for XENIX users. This popular "second generation" spreadsheet lets you consolidate related worksheets so that your information is transferred between them automatically. Multiplan for XENIX allows you to assign plain English names to any column, cell or area, center numbers and text within a column or align decimals.

When the time comes to update and rearrange your data, sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. For ease of use, Multiplan for XENIX displays up to eight windows on the screen.

Multiplan is also easy to learn—even inexperienced users will quickly get up to speed on Multiplan through its friendly, understandable menus and on-screen help messages. By creating links to external worksheets you can split the job into smaller, more manageable sections, to work on one at a time—or to share with several users on your system.

Finally, Multiplan for XENIX also contains an informative tutorial manual and online help so you'll always have assistance when you need it the most. Requires 1MB RAM and 40MB hard drive.

3 1/2", 903-1528 ..... **495.00**

**SCO Professional 2.1.** Provides all the functions of Lotus 1-2-3 and more in a multiuser XENIX environment. SCO is totally file compatible with Lotus 1-2-3. SCO Professional 2.1 lets you see results quickly with programmable command execution via macros, data management tools and SCO's unique graphics chart generator. Other features include full-preview graphics support and sparse matrix memory management for optimum spreadsheet storage. SCO Professional provides file locking for multiple users. All menus, messages and on-screen help prompts can be customized. Requires 1MB RAM and 40MB hard drive.

3 1/2", 903-1588 ..... **795.00**

## Database Programs

**SCO FoxBASE+ (386).** A multiuser relational database management system featuring source language and datafile compatibility with dBase III Plus, as well as dBase III Plus record and file locking syntax. dBase III Plus programs run without modification in multiuser mode under SCO FoxBase+ on a XENIX machine. Identical user interface to dBase and enhancements speed program development and allow the creation of more sophisticated programs. Automatic record locking handles user record contention gracefully and provides data security. Records are automatically protected from corruption due to multiple user accesses. Requires 1.5MB RAM, 40MB hard drive, XENIX 386.

3 1/2", 903-1597 ..... **995.00**

## filePro for DeskMate

- Multiple Search Criteria
- Keyboard Accelerators
- Four levels of Sorting
- Pop-up Dialog Boxes And Pull-Down Menus
- Data Validation



A basic yet powerful file management system that uses the popular DeskMate Interface. Pop-up dialog

boxes and pull-down menus let you manipulate your databases with the least amount of fuss.

filePro features online help, mail merge with DeskMate text and Q&A Write, four levels of sorting, math functions, "paste" and "copy" capabilities, file compression to remove empty models, unlimited number of records per file and much more. Create columnar reports, data entry formats, free-form reports and mailing labels—all to your specifications. Includes easy-to-use pop-up dialog boxes and pull-down menus. **9995**

Requires 640K, two 3 1/2" floppy drives. 25-1334

**filePro Plus DOS.** A dynamic file management system that you can grow with. Allows you to store up to 16 million records per file, access information in multiple files, copy screens from or to any of your files, review or copy data from one file while working on another file, use variables for file names and more. Convenient color screens move you quickly through your menus, command options, prompts and messages. Runs user-defined menus from main menu. Requires 640K and hard drive.

3 1/2", 903-2968.

5 1/4", 905-2968 ..... **699.99**

**filePro Plus Network.** A powerful, easy-to-use Application Development system with a Relational Data Base Manager. Applications and data are portable between DOS and LANs. Unlike the previous version, filePro Plus does not require the presence of the ANSI.SYS file in your computer system. filePro Plus also features "waitkey", to eliminate "looping", and easy-to-follow color screens. Requires 1MB, a 40MB hard drive and a LAN environment.

3 1/2", 903-2962.

5 1/4", 905-2962 ..... **1495.00**

**filePro Plus/XENIX (1 to 5 users).** Turn data into useful information quickly for 1 to 5 users. Features a Relational Data Base Manager within an Application Development system. Includes Custom Menu Generator, Forms Generator, Up Windows, online tutorial and more. Applications portable between XENIX/UNIX, DOS and LANs. Requires 1MB RAM, a 40MB hard drive and SCO XENIX 2.2 or higher.

3 1/2", 903-1933 ..... **1595.00**

**filePro Plus/XENIX (6 to 16 users).** Same as above, but for 6 to 16 users.

3 1/2", 903-1934 ..... **1995.00**



# THE WRITE WORD PROCESSORS

## WordPerfect Version 5.1 Word Processor

- Easy-to-Use Pull-Down Menus
- Fast Editing and File Management
- Create Spreadsheets, Charts and Other Accounting Documents
- Capture Onscreen Graphics or Access Graphics Software



First-rate word processing and graphic integration! Pull-down menus and mouse support provide fast editing and file management. Access leading graphics programs, or capture onscreen graphics. Offers Tables feature for creating line-perfect charts, Equation Editor for spreadsheets and other accounting documents, Internal Cross-Referencing for large documents and file Merge by category. Includes spelling checker, thesaurus and hyphenation dictionary. Also features label printing, multi-columns, page preview and macros. Requires two disk drives (hard drive recommended). 25-1440

**399<sup>95</sup>**

XENIX 5-User Version. 25-1441 ..... 995.00

## HomeWord II Word Processing System

- WYSIWYG Text Screens
- Integrated Graphics Editing Capability
- Outline Processor To Help Get Your Thoughts Together



Convenient, easy-to-use DeskMate version of the popular HomeWord word processing system. Along with "what-you-see-is-what-you-get" text screens, HomeWord II features the DeskMate Interface with its handy pull-down menus and dialog boxes. HomeWord II's integrated graphics editing capability really livens up your documents, and its outline processor, thesaurus and spelling checker give your documents a polished, professional look. With text editing features comparable to word processors costing hundreds of dollars more, the powerful yet inexpensive HomeWord II is the perfect word processor for home or small business use. 25-1266

**69<sup>95</sup>**

## Make Every Word Count With These Complete Packages and Enhancements



### RightWriter for DeskMate.

The world's first and best expert system for business and technical writing. This helpful program critiques your document for correct grammar, style, punctuation and usage—explaining problems found and recommending changes where necessary. When your document is complete, RightWriter reviews your finished work in terms of readability, use of descriptive language and jargon. The result is strong, clear documents that get your message across. Requires two floppy drives and the DeskMate Interface.

25-1300 ..... **79.95**



### DeskMate Outliner Companion.

This ten-level outline processor is perfect for students, executives, writers, teachers—virtually everyone who needs to organize his or her thoughts. With the versatile Outliner Companion, you can define all descriptions, lock levels or cut and paste between levels and individual outlines. With 99 lines of text per item, the Outliner fits YOUR writing style. Finished outlines can be printed out or exported to DeskMate Text or any ASCII word processing file. Requires the DeskMate Interface.

25-1364 ..... **19.95**

**Definitions Plus!** Offers immediate access to multiple definitions, sentence structure, usage notes and more. Don't interrupt your important work to look up the definition or spelling of a word or phrase—Definitions Plus! uses pop-up windows that keep the application you're working on visible on the screen. You'll see at a glance what a word means and how to use it in a sentence. Definitions Plus! even lets you cross-reference words and phrases.

3 1/2", 903-2519.

5 1/4", 905-2519 ..... **99.95**

**Word Writer PC.** A sophisticated, personal word processor with more than enough power to cover all your home and small business computer requirements—at a price you can really enjoy. Writing, revising and printing couldn't be simpler than with Word Writer PC. An integrated outliner quickly organizes your notes, facts and ideas. See underlining and boldfaced type onscreen. Use superscript, subscript, italics and other printer-supported type-style options to make homework, letters and reports shine—all without fuss. Also includes a full-screen print preview option, headers and footers, automatic page numbering, file merge, spelling checker and thesaurus.

3 1/2", 903-1266.

5 1/4", 905-1266 ..... **44.95.**

**NEW! Professional Write 2.2.** This multi-application word processor is specifically designed to deliver high-impact results in a minimum of time for today's small businesses. Professional Write 2.2 integrates advanced editing operations with a sophisticated yet easy-to-use grammar checker, a 77,000-word customizable dictionary and a 22,000-key word thesaurus to create flawless, polished documents you'll be proud to call your own. Read and write files directly from other popular word processors without going through time-wasting file conversions. Import Lotus 1-2-3® worksheets and add spreadsheet graphics to your presentations at print time. A table-making function, along with other business graphics support, easily creates professional-looking charts for business presentations, departmental reference or annual reports. And by accessing the online address book, Professional File or dBASE III® data, you can use the mail-merge function to print client form letters and envelopes. The Preview feature shows you font sizes, page breaks and other formatting effects before you print so you can print it right the first time. Professional Write 2.2 fully supports WordPerfect®, Microsoft Word®, WordStar® and other popular word processors. Requires two disk drives (hard drive strongly recommended). 900-2511 ..... **229.00**



# TOOLS FOR THE PROFESSIONAL

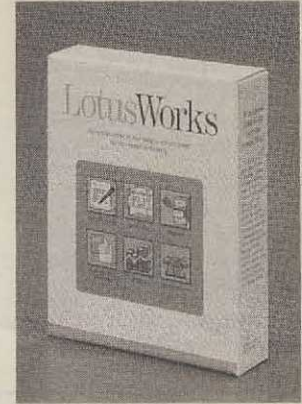
## NEW! Ami Professional

Combines the flexibility of desktop publishing with the convenience of word processing to produce solid, quality documents. Use your choice of 25 predesigned stylesheets and 12 2- and 3-D charts—all fully editable within the same program! Windows compatible. Requires a 286 processor and hard drive. 900-0530 **\$495**



## NEW! LotusWorks 5-In-1 Software

Award-winning software has everything a small business needs to go online. You get wordprocessing, spreadsheet, database, graphics and communications programs, along with features like Viewfinder, background printing and multiple open windows. Reads and writes Lotus 1-2-3® files. Supports user-defined menus. 900-2662 **\$139**



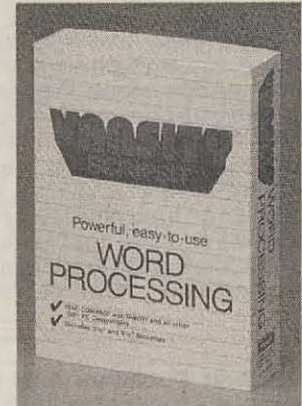
## Microsoft Word For Windows

Enhanced word processor lets you combine text, graphics and numerical data easily within the same application. WYSIWYG screens show you exactly how your document will print. Resize or crop graphics, or make text flow around them. Includes Tables feature and 20 document templates. Requires 640K RAM and two drives. 900-2515 **\$495**



## Varsity SCRIPSIT

Suitable for just about any task from a simple book report to a complex business proposal. Includes split-screen function, macros keys, spelling checker, global search and replace, automatic reformatting, mail merge, a choice of 12 fonts and an extensive help menu that covers all of Varsity's many utilities. 25-1174 **89<sup>95</sup>**



## Fonts

**NEW! Publisher's Powerpak for Windows.** For all Microsoft Windows applications. Thirty typefaces are scalable from 4 to 127 point. Includes thin, condensed, wide and expanded type. Works with all printers. 900-2609, **79.95**

**NEW! Publisher's Powerpak for Word and WordPerfect.** Works from inside WordPerfect, LetterPerfect, PlanPerfect and Microsoft Word and Works to dramatically improve print quality—on any printer. With 30 typefaces scalable from 6 to 1000 point. 900-2608 ..... **79.95**

**NEW! Atech Font Pack III.** Includes Quincy, Symbol and Dingbat fonts. 900-2637 ..... **19.95**

**NEW! Atech Font Pack V.** Includes Hancock and Hemet fonts. 900-2638 ..... **19.95**

**NEW! Atech Font Pack XI.** Includes Merced and Silicon fonts. 900-2639 ..... **19.95**

**NEW! Bitstream FaceLift for Windows.** Make screen and printer fonts in a flash. Get near laser-quality output from a dot-matrix printer. Comes with 13 fonts. Requires 640K RAM and hard drive. 900-2601 ..... **99.95**

**Microsoft Word 5.0.** The easy-to-master streamlined interface and interactive tutorial included with this popular, powerful word processor combine to speed your learning of the program and to give you the fastest route to great-looking output. Extensive help menus provide instant help on any feature without exiting your document. Save time with the forms support and style-by-example applications for storing and reusing the document formats that you need most often. Import numerical data for your document with the spreadsheet-link. A great time saver for generating business and end-of-cycle reports. Microsoft Word organizes your files logically and lets you search quickly for any file you need. Its online thesaurus and spelling dictionary help you use just the right words spelled the right way to give a professional, polished look to your documents. Included laser printer support enhances your work with its sharp, crisp appearance. Microsoft Word also features a glossary, flexible print merge for multiple documents, easy footnotes, endnotes, and much, much more! Isn't it time you stepped up to the power of the Word? Requires two disk drives (hard drive recommended). 3 1/2", 903-1475.

5 1/4", 905-1475 ..... **495.00**

## XENIX Support

**Microsoft Word 5.0 XENIX.** Combines the sophistication of MS-DOS word-processing features with multiuser, multitasking UNIX systems. Includes a full set of workgroup productivity tools, including: live links to import graphics and spreadsheets into your documents; style sheets for consistent, quality output; and an advanced outliner so groups can brainstorm and restructure documents with minimal effort.

3 1/2", 903-1747 ..... **995.00**

**SCO Portfolio Suite.** A complete workgroup solution comprised of SCO Portfolio, SCO Lyrix (word processing), SCO Professional (spreadsheet) and SCO Integra (SQL database). The suite of programs also includes menu, mail, calendar, directory, intercom and clipboard for data integration. Standard user interface for all applications.

3 1/2", 903-1599 ..... **1595.00**

**SCO Portfolio.** Easy-to-use office automation package lets you share information between applications (not included), run multiple tasks simultaneously, manage appointments, and schedule meetings with other users.

3 1/2", 903-1589 ..... **695.00**



# THE BEST IN DESKTOP PUBLISHING

## Avagio Publishing System

- Pro Design Features
- Predesigned Templates
- Scalable Fonts
- 150-Item Graphics Library
- Condensed, Expanded And Outline Type
- Compatible With Atech Add-On Fonts



Give your publications that professional look—easily. Use Avagio's many text and object patterns, automated gray scales, custom type sizes and condensed or expanded type to create documents that make a difference. Outline graphics give your documents a razor-sharp look, whether you use a dot-matrix or laser printer. Avagio's professional design features include kerning, leading, automatic text wrap, ruled or gradient boxes and more. Import spreadsheet graphs, text and clip-art from other files right into your document. Mingle graphics and size your fonts in one-point increments from 6 to 500 points. With graphics library and templates. **99<sup>95</sup>**

Requires 640K, hard drive and mouse. 25-1425

## NEW! Express Publisher For DeskMate

- Scale Fonts "On The Fly"
- Over 100 Clip Art Images Included
- With Kerning, Tracking And Auto-Hyphenation



Produce the most professional-looking documents possible—even if you have no desktop publishing experience at all! The friendly DeskMate Interface, scalable fonts, advanced layout tools and crisp graphics resolution make it easy to create stunning newsletters, announcements, business reports and more. Manipulate text quickly to produce eye-catching documents. Automatically wrap text around the contours of drawn or imported graphics. Add finishing touches such as bullets, rules, boxes and circles. Uses DeskMate fonts, or add Atech fonts for even more variety. Requires 640K, hard drive, mouse and **149<sup>95</sup>**

DeskMate version 3.5. 25-1438 Available 10/31/91

**PFS:First Publisher 3.0.** Creating a lasting impression couldn't be easier. Choose from over 20 predesigned layouts to create an impressive document quickly, or design your own layout. Import text files from your word processor, or type your text directly in. Resize, crop, rotate, invert and flip line drawings, scanned photos and logos. Or use SNAPSHOT to capture screen images from other programs. Includes over 175 clip-art images, two fully scalable fonts and 22 fonts in fixed point sizes.

3 1/2", 903-2529.  
5 1/4", 905-2529 ..... **149.00**

**PFS:First Publisher Business Template Kit.** With 20 templates, 7 typefaces and over 100 business-related clip-art images. 900-2530 ..... **89.00**

**PFS:First Publisher Recreation Gallery.** Choose from over 600 images and borders covering a wide array of subjects: pets, sports, hobbies, foods, humorous situations and more. 900-2531 ..... **75.00**

**PFS:First Publisher Business Gallery.** Over 1300 modifiable images and designs to help you communicate the right kind of image for your business. 900-2532 ..... **75.00**

**PFS:First Publisher Font Library.** Includes 21 typefaces offering over 70 fonts in a variety of styles, all able to be freely mixed. 900-2533 ..... **75.00**

**NewsMaster Plus.** Easy-to-use desktop publishing designed for dot-matrix printers. Includes over 30 fonts and 250 pieces of original art. Choose from four page views with six levels of zoom.

3 1/2", 903-1262. 5 1/4", 905-1262, **79.95**

**NEW! Publique Arte.** Give your publications that dynamic edge with any of these 2500 "public domain" clip-art images. All images scanned at 600 dots-per-inch in the .PCX (PC Paintbrush, see page 55) format for crisp reproduction quality. Requires CD-ROM drive. 900-2868 ..... **179.00**

**NEW! Wheeler Quick Art.** A treasury of over 2200 clip art images in TIFF format. Perfect for importing a variety of fresh, contemporary borders and images into your favorite desktop publishing program. Requires CD-ROM drive. 900-2894 ..... **249.00**

**BetterWorking Word Publisher 5.0.** An economical yet powerful desktop publisher with an 80-function word processor and full-time WYSIWYG editing screen. Plan and polish your documents with the Outliner, Thesaurus and Spell Corrector. Select from a variety of fonts. Add lines, boxes and imported clip-art. 900-2516 ..... **59.95**

**PrintChief.** Memory-resident control program that lets Tandy DMP users realize their printer's full capabilities. Over 200 font style combinations available. 3 1/2", 903-2304. 5 1/4", 905-2304, **29.95**

## Fonts

**NEW! Bitstream FaceLift for Windows.** Make screen and printer fonts in a flash—without exiting your current Windows application. Get near laser-quality output from a dot-matrix printer. Comes with 13 fonts. Requires 640K and hard drive. 900-2601 ..... **99.95**

**NEW! Publisher's Powerpak for Windows.** Provides scalable fonts and WYSIWYG capability for all Microsoft Windows applications. Thirty typefaces are scalable from 4 to 127 point. Each font family requires only 50K of disk space for all sizes, pitches and styles—even thin, condensed, wide and expanded type. Works with all printers. 900-2609 ..... **79.95**

**NEW! Publisher's Powerpak for Word and WordPerfect.** Works from inside WordPerfect, LetterPerfect, PlanPerfect and Microsoft Word and Works to dramatically improve print quality—on any printer. With 30 typefaces scalable from 6 to 1000 point. 900-2608 ..... **79.95**

**NEW! Atech Font Pack III.** Includes Quincy, Symbol and Dingbat fonts. 900-2637 ..... **19.95**

**NEW! Atech Font Pack V.** Includes Hancock and Hemet fonts. 900-2638 ..... **19.95**

**NEW! Atech Font Pack XI.** Includes Merced and Silicon fonts. 900-2639 ..... **19.95**



# GRAPHICS ADD VISUAL IMPACT

## NEW! Generic CADD 5.0

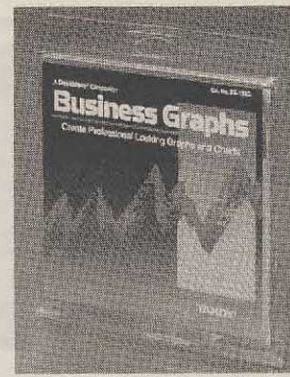
Produce near-professional, high-quality technical drawings. A full set of drawing and editing tools lets you draw as fast as you think, from straight lines to complex Bezier curves. Includes automated dimensioning, unlimited zooming and panning, and advanced text handling. Requires 640K and hard drive. **\$495**  
900-2629



## DeskMate Business Graphs



Create eight of the most popular business graphs: bar, line, pie and more. Create color graphs on VGA/EGA. Copy graphs to other files or print out on dot matrix or laser printers. Features multiple windows. Requires the DeskMate Graphical User Interface version 3. **25<sup>95</sup>**  
25-1363



## Drafix Windows CAD

High-performance Windows-compatible program takes you beyond any Windows drawing package. It's the easiest CAD software you'll ever use. In minutes, you'll be creating sketches and drawings naturally and effortlessly—using the full-featured power demanded by the pros. Requires 1MB RAM and hard drive. **\$695**  
900-2499



## What Are Paint and Graphics Programs?

Paint programs are used in conjunction with desktop publishing and multimedia tools to draw a graphic image. The programs have multiple "brushes" to use for different effects, such as lines, strokes or boxes. The programs also let you define an image as a "brush" and then use the image to draw and paint.

Graphics programs produce high-quality charts and graphs for printout onto overhead slides, Polaroid® palletes and more. Most have several different types of charts already formatted, such as pie charts and bar graphs. You can easily specify the type of graph you want displayed and printed.

## Computer-Aided Design Programs

**CADD Starter Kit.** Now anyone with a PC can take an easy first step into the world of CADD. This full-featured package offers true computer-aided drafting and design capabilities—it's a virtual CADD course in a box! The kit contains CADD Level 2, a step-by-step workbook tutorial, Generic's Basic Home Design Symbol library and a diskette of tutorial and sample drawings. You also get grid and drawing features, along with a variety of text fonts, so you'll be creating quality CADD documents immediately. Requires two floppy drives. Mouse recommended. **3 1/2", 903-1383. 5 1/4", 905-1383 ..... 219.00**

**CADD Symbols Library Clip Art.** Import time-saving clip art into your CADD documents. Over 100 symbols for greeting cards, signs or banners! Library symbols include holidays, sports, animals and more. **3 1/2", 903-2518. 5 1/4", 905-2518 ..... 24.95**

**Drafix CAD Ultra.** This high-performance CAD software has all of the drawing features you'll ever need. Draw lines, arcs, polygons, Bezier curves, splines or crosshatch, solid fill or free-hand sketch. Access a full complement of item and grid snaps for superior accu-

racy. Do powerful, flexible automatic dimensioning for complex drawings, and use the word processing window to add and edit text in drawings. Take advantage of macro keys for even greater performance. You can even modify and edit your drawing by using fillet, chamfer, trim and sketch commands. Use transform and copy commands to move objects or create circular arrays. Requires two drives. Mouse recommended. **3 1/2", 903-1418. 5 1/4", 905-1418 ..... 395.00**

**Drafix CAD QwkStart.** The perfect program for people who want beautiful, accurate drawings quickly. Dynamic Menuing System makes learning and using QwkStart a breeze—no commands to memorize! Automatically mirror or rotate objects—even add dimensions. Infinite zoom lets you get a "close-up" view. You also get multiple layers, 8 line types, 3 font styles, 6 cross-hatching patterns, 16 pen colors and much more. A feature-by-feature reference guide, 50 pre-drawn symbols, sample drawings and the *Teach Yourself CAD* 200-page tutorial textbook are all included. Supports all popular dot-matrix and laser printers. Requires a mouse. 640K RAM recommended. **3 1/2", 903-2862 ..... 129.00**

## Draw...Paint...Design!

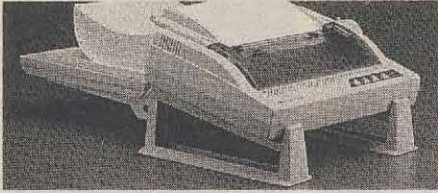
**PC Paintbrush IV.** Delivers everything you need to create, refine and retouch images. Overlay two images, and choose from 256 color on-screen shades. Features such as an adjustable airbrush, graduated flood fill, local undo and tilting are yours at the touch of a key. Also features pull-down menus, split screens and more. Requires two drives. 900-2749 ..... **89.95**

**PC Paintbrush IV Plus.** Take all the features of Paintbrush IV, add a unique pre-scan feature, then enhance them with special effects and retouching techniques and you've got *Plus*. Also includes a "blend" function that lets you adjust contrast, change tints and blur images. Use Tiling for 3-D effects, pictorial charts and textures. With shadow, outline and wrap. Requires two drives. 900-2750 ..... **189.00**

**Splash!** Turns your mouse into a paintbrush, your monitor into a canvas, and supplies you with color and paint options beyond imagination. With a palette of 256,000 colors, 60 patterns and brush sizes, color fills, stamps and spray cans. Requires 640K and VGA or MCGA graphics. 900-1370 ..... **89.95**



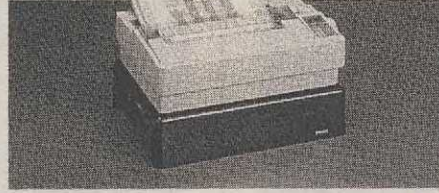
# WHEN PRINTING IS A TOP PRIORITY



## Stand with Tray

Use with your 80 or 132-column printer. Paper tray stacks over 500 sheets of fanfold paper. Easy to assemble. 26-1392

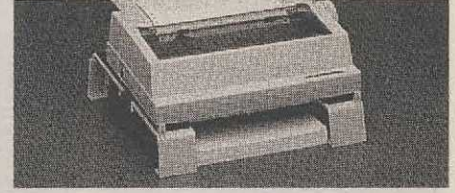
**14<sup>95</sup>**



## Printer Platform

Organize your work area. Slotted platform accommodates an 80-column rear or bottom feed printer. Handles 4" of paper. 26-146

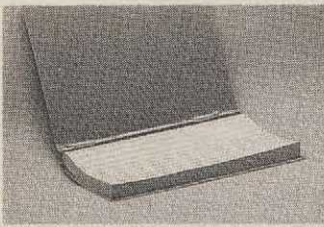
**19<sup>95</sup>**



## Printer Supports

The low-cost way to store fanfold paper under your 80-column printer and save desk space. Easy to use. Easy to assemble. 26-236

**8<sup>95</sup>**



## Stock Up on Fanfold Printer Paper

Our one-part bond fanfold paper feeds directly from the carton into your printer. Choose "Utility," "Draft," or "Letter" grade quality paper for your specific printing needs.

Grade	Size	Design	Count	Weight	Brightness	Perforations	Cat. No.	Each
Utility (Good)	9 1/2 x 11"	White	1000	15#	65	Standard	26-130	13.95
	9 1/2 x 11"	Bluebar	1000	15#	65	Standard	26-131	13.95
Draft (Better)	9 1/2 x 11"	White	1000	18#	72	Micro-invisible	26-132	17.95
	9 1/2 x 11"	White	2600	18#	72	Micro-invisible	26-133	39.95
Letter (Best)	9 1/2 x 11"	White	1000	20#	80	Micro-invisible	26-134	22.95
	9 1/2 x 11"	White	2500	20#	80	Micro-invisible	26-135	49.95
Other	14 7/8 x 11"	Bluebar	1000	15#	72	None	26-136	21.95

## Fanfold Labels—Ideal for Mailing Lists



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

## Shipping Labels to Make Addressing Easier



**Fanfold Shipping Labels.**  
4 x 2 1/8". Adhesive backing.  
**Two-color (yellow/red) design.**  
26-126 ..... Pkg. of 335/8.95  
**One-color (blue) design.**  
26-127 ..... Pkg. of 335/8.95

## Keep Plenty of Roll Paper Handy

Type	Size	Rolls/Pkg.	Cat. No.	Price
Thermal	4 1/8" x 80'	2	26-1332	5.49
Electrostatic	2 3/8" x 75'	2	26-1412	11.95

Type	Size	Rolls/Pkg.	Cat. No.	Price
Paper	4 1/2" x 150'	3	26-1428	6.49
Thermal	2 1/4" x 7'	5	26-3592	2.49

## Popular Mailing and Forms Software



**DeskMate Form Finisher.**  
25-1295 ..... 39.95  
**FastPak Mail.**  
900-0522 ..... 79.95  
**My Invoices.** 900-2622 ..... 24.95  
**Labels Unlimited 3.0.**  
900-2632 ..... 79.95  
**FormsFiller.** 3 1/2", 903-1263.  
5 1/4", 905-1263 ..... 149.00  
**Formtool Gold.** 3 1/2", 903-3267.  
5 1/4", 905-3267 ..... 99.95

## Replacement Printer Ribbons

Printer	Ribbon	Cat. No.	Each
LP I, II, IV	Fabric Pack (3/PK)	26-1413	19.95
LP III, V	Fabric Cart.	26-1414	9.95
LP VI/VIII, DMP 400/420	Fabric Cart.	26-1418	9.95
LP VII, DMP 100	Re-inking Fabric	26-1424	13.95
DMP 110	Re-inking Fabric	26-1283	8.95
DMP 130/130A/132/133/107/134/135	Black Ribbon	26-1236	10.95
DMP 130/130A/132/133/107/134/135	Refill (3/PK)	26-1238	14.95
DMP 130/130A/132/133/107/134/135	Color Ribbon Pack	26-1235	19.95
DMP 500	Fabric Cart.	26-1482	13.95
DMP 120, 200	Fabric Cart.	26-1483	11.95
DMP 105, 106	Black Fabric Cart.	26-1288	8.95
DMP 240/136	Black Fabric	26-2824	10.95
DMP 240/136	4 Color	26-2826	29.95
DMP 202	Black Fabric	26-2871	13.95
DMP 430	Black Fabric Cart.	26-1296	14.95
DMP 440	Fabric Cart.	26-2809	34.95
DMP 2100, 2100P, 2110	Fabric Cart.	26-1442	9.95
DMP 2120	Black Ribbon	26-2834	39.95
DMP 2120	Color Ribbon	26-2835	79.95
DMP 2120	Black Refill	26-2836	18.95
DMP 2130	Black Fabric	26-2846	34.95
LMP 2150	Black Cartridge	26-1287	17.95
TRP 100	Black Thermal Film	26-1297	7.95
DMP 2104	Black Fabric	26-2869	16.95

Printer	Ribbon	Cat. No.	Each
DW II, DWP 410, 510	Multi-Strike (3/PK)	26-1419	19.95
DW II, DWP 410, 510	Nylon Cart.	26-1449	7.95
DWP 520, 230, 210	Multi-Strike (3/PK)	26-1445	19.95
DWP 520, 230, 210	Fabric Cart.	26-1458	7.95
DWP 220	Black Multi-Strike	26-1299	24.95
DMP 300/2102/302/2103	Black Ribbon	26-2819	11.95
DMP 442	Black Ribbon	26-2823	11.95
DMP 2200	Black Ribbon	26-2825	22.95
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 II	Black	900-2330	7.95
Panasonic KXP-1090	Black	900-2331	10.95
Star Micronics NX-1000	Black	900-2332	6.95
PC-2 Plotter/CGP 115	Black	26-1480	2.95
PC-2 Plotter/CGP 115	Color	26-1481	2.95
WP-100	Black Single-Strike	26-3952	9.95
WP-100	Lift-Off Correction	26-3953	3.95
WP-100	Black Multi-Strike	26-3954	11.95
WP-100	Cover-Up Correction	26-3955	6.95

**LP 1000 Laser Toner.** 26-2807 ..... 27.95  
**LP 1000 Kit A.** 26-2805 ..... 199.95  
**LP 1000 Kit B.** 26-2806 ..... 99.95



# HIGH-SPEED LASER PRINTER

## Top-of-the-Line Quality

- Prints Six Pages Per Minute
- 300 Dots-Per-Inch Resolution

**LP 950 Laser Printer.** Ideal for word processing and desktop publishing. The versatile LP 950 features convenient front panel controls with LCD status indicators, 512K memory expandable to 2 megabytes, standard PC parallel and RS-232C interfaces, two font card slots and front-loading paper cassette. Measures 10 1/2 x 13 3/8 x 14 1/4". With Toner, Developer, Drum Cartridges, and a Paper Cassette. **\$1599** (TSP avail.) 26-2838  
**Lease For Only \$54 Per Month\***

## LP 950 Accessories

**Sheet Feeder.** Requires 26-2860 or 26-2863.  
 26-2861 CMC ..... **349.95**  
**Envelope Feeder.** 26-2862 CMC ..... **349.95**  
**Letter Paper Cassette.** 26-2863 CMC, **69.95**  
**Legal Paper Cassette.** 26-2860 CMC, **69.95**  
**1.5MB Memory Upgrade.** 26-2852 .. **599.95**  
**Toner Cartridge.** 26-2841 ..... **64.95**  
**Developer Cart.** 26-2843 ..... **149.95**  
**Drum Cartridge.** 26-2842 ..... **149.95**

## Font Cards for LP 950

"B". 26-2854 CMC ..... **249.95**  
 "F". 26-2855 CMC ..... **249.95**  
 "L". 26-2857 CMC ..... **249.95**  
 "M". 26-2856 CMC ..... **249.95**  
 "N". 26-2858 CMC ..... **249.95**  
 "P". 26-2859 CMC ..... **249.95**



## Point-of-Sale Printer

**Ithaca Model 52.** Prints a customer receipt and store journal for point-of-sale systems. 40-column.  
 900-2297 ..... **799.00**



## Port Converter

**Serial-to-Parallel Port Converter.** This unique printer device lets you connect your parallel printer to your computer's serial port.  
 26-2829 ..... **99.95**



## Printer Switch

**Printer Selector 4.** Route one printer to one of four computers. 26-2828, **59.95**  
**Printer Selector 3.** Switch between two computers/printers. 26-2844 ..... **99.95**



## Cable Extender

**Printer Cable Extender.** Extends your printer cable 25 feet when used with 26-290, sold below. 26-2840 .. **29.95**  
**25' Printer Extension Cable.** 26-290 ..... **59.95**

## OCR, Scanners, Slide Maker, Projection Panel, Drawing Tablets and Communications



## Scanners

**The Complete PC Half-Page Scanner.** 900-2383 ..... **299.00**  
**The Complete PC Page Scanner.** 900-2384 ..... **899.00**  
**Carets Deluxe.** OCR software for PC scanners. 900-2412 ..... **249.00**  
**AVR 3000/GS With OCR Software.** 900-2437 ..... **2385.00**



## Drawing Tablet

**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**



## CGA Projection Panel

**Computer Accessories Corp. Proxima Data Display 200.** Perfect for large or small group presentations. Projects CGA images through overhead projector.  
 900-2372 ..... **1099.00**

## Create Designer Iron-Ons!

**NEW! Print 'n Press™.** Make a design on your computer, place a transfer sheet in the printer, print it—and you're ready to iron-on the design. Includes five blank iron-ons. 26-1437 ..... **9.99**

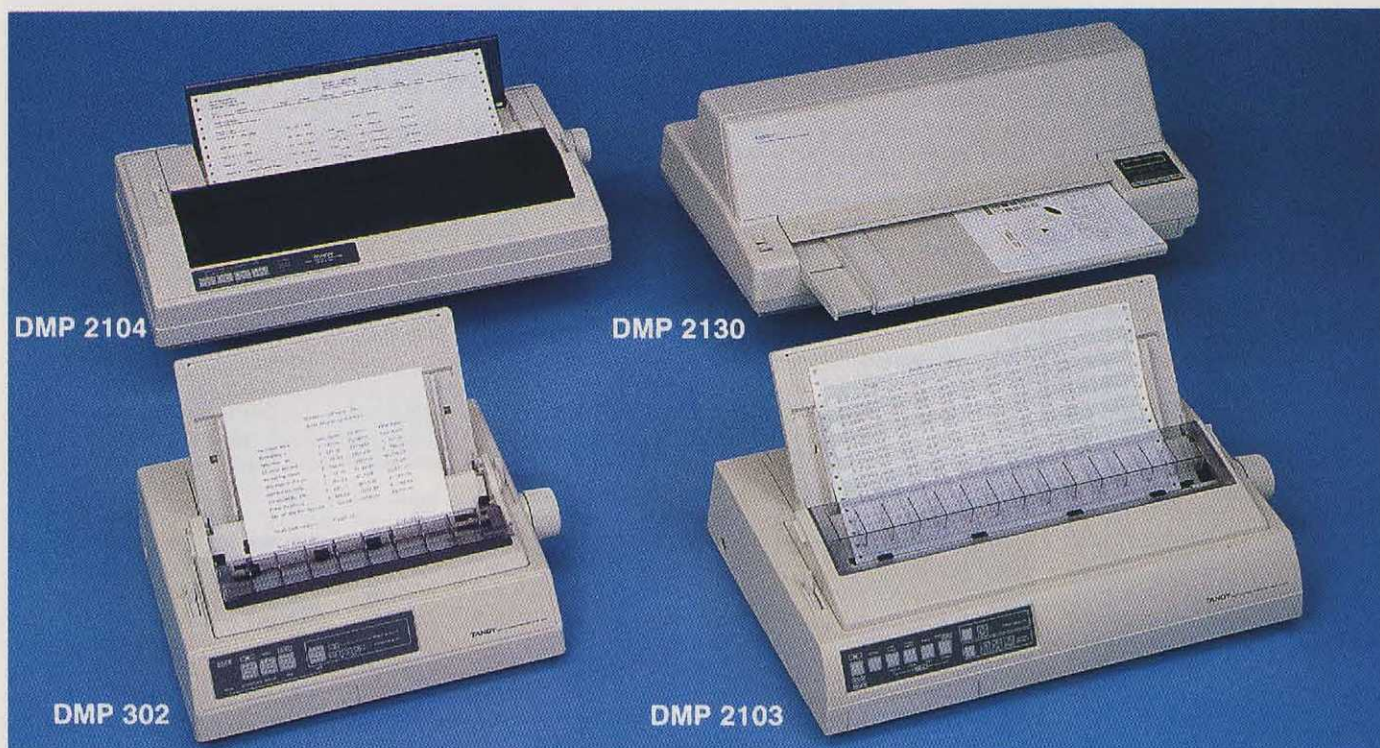


## Digitizers, Communicators and Printer Accessories

**ComputerEyes in B/W.** Digitizes black and white PC video images from VCR or video camera. 5 1/4", 905-2352, **249.99**  
**ComputerEyes Professional Color.** Digitizes color PC video images from VCR or video camera. 900-2442 ..... **449.95**  
**Polaroid EGA PalettePlus.** Generates 640 x 700 sharp-resolution prints, slides and overheads. 72-color palette. 5 1/4", 905-2409 ..... **2995.00**  
**Complete Communicator.** Fax, mail, modem. Send/receive. 900-2314 ..... **699.00**  
**The Complete PC Answering Machine.** Electronic Voice Mail. 5 1/4", 905-2137 ..... **349.00**  
**EasyPRINT-2.** Lets 2 PCs share four printers. 3 1/2", 903-1686. 5 1/4", 905-1686 ..... **99.95**  
**EasyPRINT-4.** Supports up to 4 PCs and any configuration of printers. 3 1/2", 903-1693. 5 1/4", 905-1693 ..... **399.95**  
**EasyPRINT Expansion Kit.** Supports any configuration of printers. 3 1/2", 903-1694. 5 1/4", 905-1694 ..... **119.95**



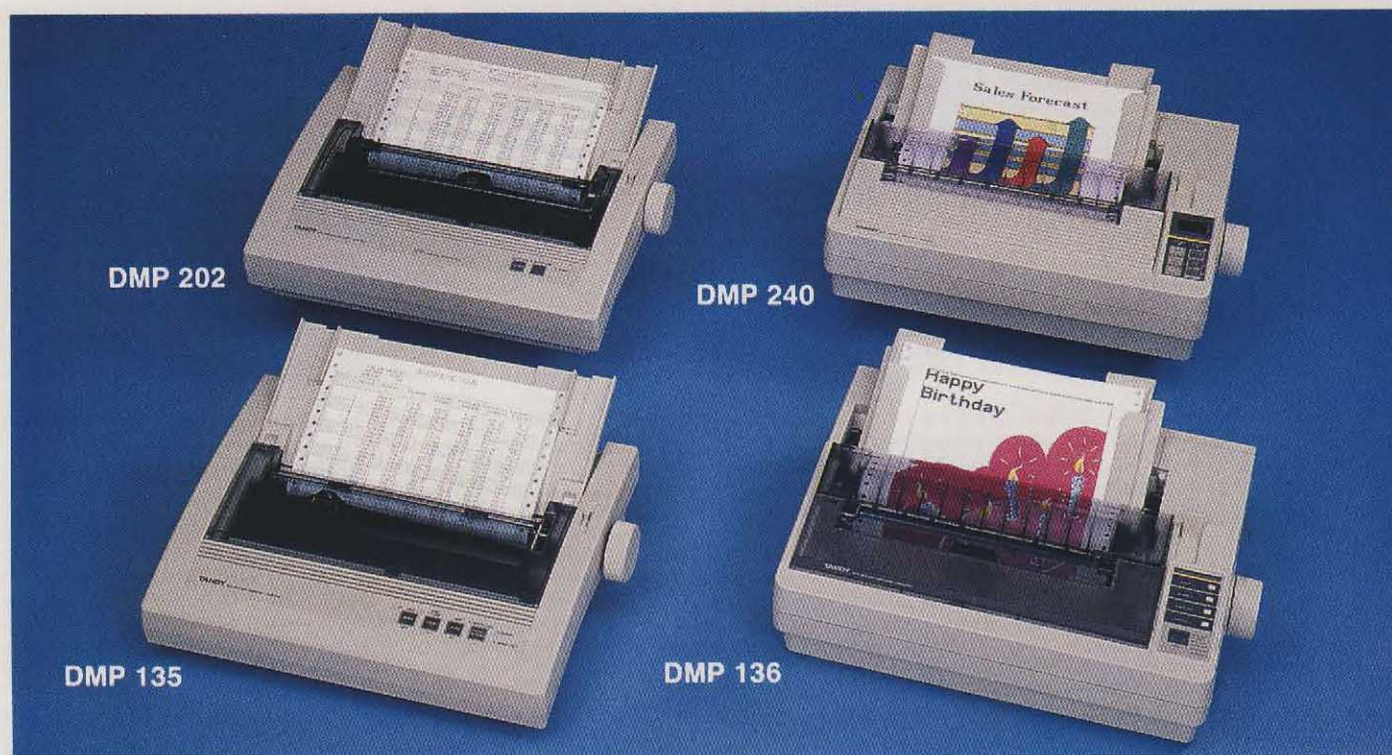
# QUALITY HOME/OFFICE PRINTING



Key Features	DMP 2104	DMP 302	DMP 2130	DMP 2103
Printing Technology	24-wire dot matrix, impact-type, bi-directional logic-seeking	24-wire dot matrix, impact-type, bi-directional logic-seeking	27-wire dot matrix, impact-type, bi-directional logic-seeking	24-wire dot matrix, impact-type, bi-directional logic-seeking
Printing Speed	High-Speed Utility—200 cps Draft Utility—240 cps Draft Letter-Quality—66 cps	High-Speed Utility—270 cps Draft Utility—225 cps Draft (10 cpi) Letter-Quality—75 cps (10 cpi)	High-Speed Utility—480 cps at 12 cpi Utility—400 cps Draft (10 cpi) Letter-Quality—66 cps (12 cpi)	High-Speed Utility—270 cps Draft Utility—225 cps Draft (10 cpi) Letter-Quality—90 cps (12 cpi)
Fonts	Gothic Draft—10, 12, 15, 17.1 LQ Courier—10, Elite 12	Roman, Helvette, Orator, Gothic, Prestige, Courier, Draft	Pitch: 10, 12, 17.1, 20. Letter-Quality—Sans Serif Letter-Quality, Draft	Roman, Helvette, Orator, Gothic, Prestige, Courier, Draft
Print Attributes	Italic, Bold, Elongated, Enhanced, SuperScript, SubScript, Double Height, Double Width, Compressed, Continuous Underline	Italic, Bold, SuperScript, SubScript, Double Height, Double Width, Microfont, Condensed, Continuous Underline	Italic, Bold, SuperScript, SubScript, Double Height, Double Width, Condensed, Continuous Underline, Bidirectional, Unidirectional	Italic, Bold, SuperScript, SubScript, Double Height, Double Width, Microfont, Condensed, Continuous Underline
Downloadable Font Support	Yes	Yes	Epson Mode	Yes
Graphics Resolution	360 x 180 dpi	360 x 360 dpi	240 x 216 dpi	360 x 360 dpi
Emulations	IBM Proprinter X24, Epson LQ-1050	IBM Proprinter X24, Epson LQ-850	IBM Proprinter XL, Epson FX286e	IBM Proprinter XL24, Epson LQ-1050
Interface	IBM-type parallel port	IBM-type parallel port	IBM-type parallel port	IBM-type parallel port
Input Buffers	32K	16K user memory, 32K download	32K	16K user memory, 32K download
Paper Handling	Semi-Automatic Sheet Feeder, One-Button Fanfold Paper Park, One-inch Tear Push Tractor, Single Sheet Friction Feed.	Semi-Automatic Sheet Feeder, One-Button Fanfold Paper Park, One-inch Tear Push Tractor, Single Sheet Friction Feed. Optional Automatic-Cut Sheet Feeder (26-2816).	Semi-Automatic Sheet Feeder, Paper Park, Push Tractor Feed, Single-Sheet Friction Feed, 1" Tear Bar.	Semi-Automatic Sheet Feeder, One-Button Fanfold Paper Park, One-inch Tear Push Tractor, Single Sheet Friction Feed, Optional Cut Sheet Feeder (26-2816, \$299.95).
Paper Width	4 to 15 inches	3 to 10 inches	4 to 16.5 inches	3 to 16 inches
Number of Copies	Original, plus 3	Original, plus 3	Original, plus 5	Original, plus 3
Print Head Life	100 million characters	200 million characters (user replaceable)	300 million characters	200 million characters (user replaceable)
Configuration Set-Up	Front panel menu	Front panel	Front LCD panel menu	Front panel
Mean Time Between Failure	6000 hours at 25% duty cycle	5000 hours at 25% duty cycle	5800 hours at 25% duty cycle	5000 hours at 25% duty cycle
Noise Level	56 dB (56 dB in Quiet Mode)	59 dB (56 dB in Quiet Mode)	66 dB (60 dB in Quiet Mode)	58 dB (55 dB in Quiet Mode)
Power Requirements	120 VAC, 60 Hz	120 VAC, 60 Hz	120 VAC, 60 Hz	120 VAC, 60 Hz
Ribbon	26-2869 Black, \$16.95	26-2819 Black, \$11.95	26-2846 Black, \$34.95	26-2819 Black, \$11.95
Dim. (H x W x D)	4.6 x 21.9 x 12"	4.6 x 13.6 x 15.7"	8.2 x 23.8 x 13.8"	4.6 x 23 x 13.6"
Weight	22 lbs.	18.5 lbs.	26.5 lbs.	22.3 lbs.
Certification	FCC Class B, UL listed.	FCC Class B, UL listed.	FCC Class B, UL listed.	FCC Class B, UL listed.
Catalog No.	26-2865	26-2849	26-2845	26-2850
Price	599.00	599.00	1199.00	899.00



# CREATE A LASTING IMPRESSION



Key Features	DMP 240	DMP 202	DMP 135	DMP 136
Printing Technology	24-wire dot matrix, impact-type, bi-directional logic-seeking, color ready	24-wire dot matrix, impact-type, bi-directional logic-seeking	9-wire dot matrix, impact-type, bi-directional logic-seeking	9-wire dot matrix, impact-type, bi-directional logic-seeking, color ready
Printing Speed	High-Speed Utility—192 cps Draft Draft—160 cps (10 cpi) Letter-Quality—64 cps (12 cpi)	Draft—120 cps NLQ—33 cps (10 cpi) Super High-Speed—180 cps (15 cpi)	Draft—200 cps (10 cpi) NLQ—50 cps (10 cpi) Super High-Speed—300 cps (15 cpi)	Draft—160 cps (10 cpi) NLQ—40 cps (10 cpi) Super High-Speed—213 cps (15 cpi)
Fonts	Pitch 10, 12, 15, 17.1, 20 and Proportional. Draft—High-Speed and Normal Letter-Quality—Roman, Sans Serif, Courier and Prestige	10, 12, 15, 17.1	10, 12, 15, 17.1 Proportional	10, 12, 17.1 Proportional
Print Attributes	Italic, Bold, Elongated, SubScript, SuperScript, Double Height, Double Width, Condensed, Continuous Underline, Bi-Directional, Unidirectional Optional Color	Bold, Double Height, SuperScript, SubScript, Double Width, Condensed, Continuous Underline	Bold, Double Height, SuperScript, SubScript, Double Width, Condensed, Continuous Underline	Bold, Double Height, SuperScript, SubScript, Double Width, Condensed, Continuous Underline, Optional Color
Downloadable Font Support	Yes (128 characters) Requires optional 32K kit	Yes	Yes (Requires optional 32K kit)	Yes (Requires optional 32K kit)
Graphics Resolution	360 x 360 dpi	360 x 180	240 x 216	240 x 216
Emulations	IBM Proprinter X24, Epson LQ-500/850 with color support (Epson LQ 2500 color)	IBM Proprinter X24	IBM Proprinter II Epson FX-850	IBM Proprinter II Epson FX-850
Interface	IBM-type parallel port	IBM-type parallel port	IBM-type parallel port	IBM-type parallel port
Input Buffers	8K, upgradeable to 40K (26-2853)	12K	1K (Optional 32K 26-2851)	24K
Paper Handling	Semi-Automatic Sheet Feeder, Paper Park, Push/Pull Reversible Tractor Feed, Bottom-Slot Feed, Single-Sheet Friction Feed, 1/4" Tear Bar	Push Tractor and Friction Feed, Semi-Automatic Single-Sheet Feed	Push Tractor and Friction Feed, Semi-Automatic Single-Sheet Feed	Push Tractor and Friction Feed, Semi-Automatic Single-Sheet Feed
Paper Width	4 to 10 inches	4 to 10 inches (Fanfold 4.5 to 10)	4 to 10 inches (Fanfold 4.5 to 10)	4 to 10 inches
Number of Copies	Original, plus 2 (plus 3 inch copy mode)	Original, plus 1	Original, plus 2	Original, plus 2
Print Head Life	200 million strokes/wire (user replaceable)	30 million dots	100 million characters	200 million characters
Configuration Set-Up	4 user-defined macros Front LCD panel	Front Panel DIP Switch	Front Panel DIP Switch	Front Panel DIP Switch
Mean Time Between Failure	5000 hours at 25% duty	4000 hours at 25% duty	4900 hours at 25% duty	4000 hours at 25% duty
Noise Level	55 dB/52 dB (in Quiet Mode)	57 dB	58 dB	53 dB
Power Requirements	120 VAC, 60 Hz	120 VAC, 60 Hz	120 VAC, 60 Hz	120 VAC, 60 Hz
Ribbon	26-2824 Black, \$10.95 26-2826 4-Color, \$29.95	26-2871 Black, \$13.95	26-1236 Black, 26-1238 Refill, \$10.95 26-1235 (Red, Blue, Green), \$19.95	26-2824 Black, \$10.95 26-2826 4-Color, \$29.95
Dim. (H x W x D)	5.1 x 15.8 x 12.6"	4.7 x 15 x 11"	4.4 x 15.4 x 11.4"	4.4 x 15 x 11"
Weight	12 lbs.	8.6 lbs.	7.7 lbs.	11 lbs.
Certification	FCC Class B, UL listed.	FCC Class B, UL listed.	FCC Class B, UL listed.	FCC Class B, UL listed.
Catalog No.	26-2839	26-2864	26-2866	26-2868
Price	499.95	399.95	319.95	299.95



# TRUSTED FAVORITES IN COMPUTING



**WP-100 Wordprocessor.** Before printing your work on the built-in daisywheel printer, you can review your text on the 80-character by 8-line display. Built-in 50,000-word spelling dictionary. Save your work on mini-diskettes. With Courier 10 printwheel and 2.8" diskette. UL listed AC. (TSP available)

26-3950 ..... **Low As \$20 Per Month**

**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	26-3957
Pica 10	26-3958	Script 12	26-3960
Letter Gothic 10/12	26-3959	Prestige Elite 12	26-3961



**Tandy 102.** All-time favorite of journalists and busy traveling executives. Features five built-in management programs (including word processing), a self-contained direct-connect modem and a full-size keyboard. Fits in your briefcase—only 1 1/2" high and weighs just 3 lbs. 32K memory and interfaces for printer, cassette and bar code reader. 40 character x 8 line display. Requires four "AA" batteries or optional AC adapter. (TSP available)

26-3803 ..... **Low As \$20 Per Month** **\$599**

**AC Adapter.** UL listed. 26-3804 ..... 6.95

**Carrying Case.** 25-3512 ..... 39.95

**Printer Cable.** 26-1409 ..... 16.95

**Direct-Connect Modem Cable.** 26-1410 ..... 14.95

**Acoustic Coupler 2.** Fits square or round handsets.

26-3818 ..... 59.95

**Portable Disk Drive 2.** 200K 3 1/2" floppy. Requires four "AA" batteries or AC adapter (26-3804). 26-3814 ..... 219.95



**WP-2 Wordprocessor.** Battery-operated—goes anywhere for notes, reports, memos. Only 1" thin, 3.1 lbs. light. With 100,000-word spell checker and 200,000-word thesaurus. Full-size keyboard. Connects to PC-compatible printers. Transfer files to your PC via modem. Requires 4 "AA" batteries. (TSP available)

26-3930 ..... **Low As \$15 Per Month** **349<sup>95</sup>**

**AC Adapter.** UL listed. 26-3804 ..... 6.95

**Internal 32K RAM Expansion.** 32,000 characters. Installation recommended (not included). 26-3932 ..... 49.95

**"IC Card" 32K RAM Expansion.** Saves 32K of battery-protected RAM even after removed. 26-3931 ..... 119.95

**TouchBase 1200-bps Portable Modem.** 900-704 .. 169.00

**TouchBase 2400-bps Portable Modem.** 900-2207, 259.00

**WP-Duet.** Transfer files from WP-2 to Macintosh. 900-0723 ..... 99.95



**PC-6 Pocket Scientific Computer.** An ideal tool for engineers and students. Performs 65 scientific calculations. 8K RAM. 24-character LCD. Write your own programs in BASIC or assembly language. Folds up to only 3/4 x 2 3/4 x 5 5/8". Includes battery. 26-3672, **Low As \$15 Per Month** **119<sup>95</sup>**

**8K RAM Extension Module.** 26-3674 ..... 19.95

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

**PC-5/6 Cable.** 26-3671 ..... 16.95

**Cassette Interface.** Requires 26-3671 cable.

26-3651 ..... 39.95

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

**CCR-83 Recorder.** 26-1384 ..... 59.95

**Replacement Cable.** 26-1207 ..... 5.95

**C-20 Tape.** 26-308 ..... 3.79

**C-10 Tape.** 26-302 ..... 1.89



# WE MAKE IT EASY TO TRAVEL LIGHT

## Notebook-Size PC With "Instant-On" DeskMate Word Processing Built In

- Measures Only 23 $\frac{3}{8}$  x 12 $\frac{1}{8}$  x 9 $\frac{7}{8}$ "
- Built-In DeskMate Graphical User Interface, plus word processing and a spelling checker
- Built-in 3 $\frac{1}{2}$ " 720K floppy drive
- Includes DeskMate software on disk
- Large 80 x 25 LCD display
- Removable, rechargeable battery provides up to five hours of power



**Tandy 1100 FD.** The Tandy 1100 FD is the ultimate in portability and affordability in a PC compatible! Compact size and light weight (only 6.2 lbs.) make it the perfect choice for students, writers, and busy executives and managers. So compact, it fits in your briefcase for easy carrying and sits on your lap for quick computing.

Turn on the 1100 FD, and you'll be instantly greeted by the friendly face of the DeskMate Graphical User Interface. DeskMate organizes your programs and guides you through tasks quickly and easily using plain-English commands.

Word-processing software is also built in—start writing notes, memos and reports in seconds. Edit your work with ease, then let the 90,000-word spelling dictionary proofread your work.

Plus, with the Tandy 1100 FD's built-in MS-DOS, 640K System RAM and 3 $\frac{1}{2}$ " disk drive, you can use today's industry-standard PC software, including the DeskMate 3 productivity disk software that comes with the computer. DeskMate applications include a worksheet, filer, calendar, address book, Draw, Hangman word game, phone accessory and PC-Link information service (requires modem). Replaceable battery lets you work over half a business day between charges. If you're on the move, the Tandy 1100 FD is the one to take with you!

**\$799**

25-3530 ..... Low As \$25 Per Month

### Replacement Battery.

25-3536 ..... 29.95

2400-bps Modem. 25-3538 ..... 199.95

## Accessories to Completely Outfit Your Tandy Laptop Computer

### Tandy 1500/1800/2810/3810 HD

#### 1MB Memory Expansion.

25-3507 ..... 249.95

#### 2400-bps Internal Modem.

25-3525 ..... 199.95

Replacement Battery. 25-3526, 99.95

**NEW! 2400-bps Modem/9600 Send Fax.** Communicate with other PCs or send your documents to fax machines!  
25-3509 ..... 249.95

### Tandy 2810 HD/2800 HD

#### 287XLT Math Co-Processor.

90-2309 ..... 99.00

#### 2800 HD 1MB Memory Upgrade.

25-3554 ..... 399.95

#### 2800 HD Replacement Battery.

25-3556 ..... 49.95

### 2800 HD 2400-bps Modem.

25-3555 ..... 199.95

**NEW! 2810 HD 5 $\frac{1}{4}$ " 1.2MB External Floppy Drive.** 900-2363 ..... 359.00

### Tandy 1100 FD

#### Replacement Battery.

25-3536 ..... 29.95

#### 2400-bps Internal Modem.

25-3538 ..... 199.95

### Tandy 1400 LT/FD/HD

1400 LT Battery. 25-3520 ..... 79.95

1400 FD/HD Battery. 25-3521 .. 79.95

1400 LT/FD/HD 5 $\frac{1}{4}$ " External Floppy Drive. 900-2084 ..... 299.00

### 1400 FD/HD Math Coprocessor.

900-2121 ..... 149.00

### Other Accessories for Tandy Laptops

**The Complete FAX/Portable.** Send and receive faxes—wherever you go! Pocket-sized. Runs on AC adapter or 9V battery. Requires PC, 512K RAM and hard drive.  
903-2413 ..... 499.00

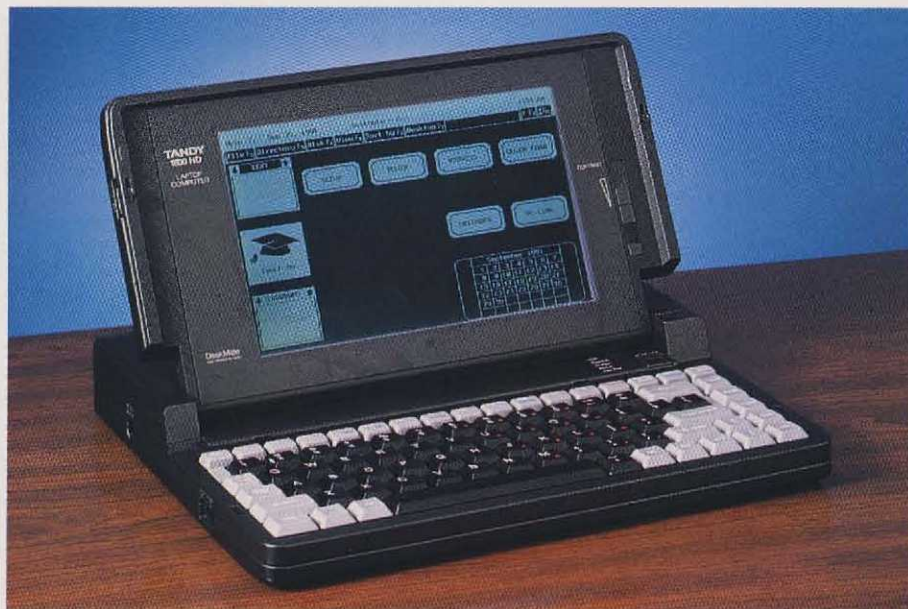
**ZIRCO Powertrip Auto Adapter.** Converts 12VDC auto power to 110VAC.  
900-2431 ..... 199.95

**LAPLINK III.** Let your laptop PC share data with your desktop PC. Transfer data quickly in either direction, eliminating the need to copy manually. Includes a unique data cable for multiple connection options. 900-1331 ..... 149.95



# NEW HI-PERFORMANCE LAPTOP PC

## Tandy 1800 HD



### 286-Based With 20MB Hard Drive Built In

**NEW!** Tandy 1800 HD. Under six pounds (including battery!), yet packs a built-in hard drive and a 1.44MB floppy drive for running popular MS-DOS programs. DeskMate productivity software with a proven Graphical User Interface and ten easy-to-use applications is already installed and ready to use. Easy-to-read VGA display produces graphics in 32 shades of gray. 25-3502 (TSP available) ..... **Low As \$61 Per Month \$1999**

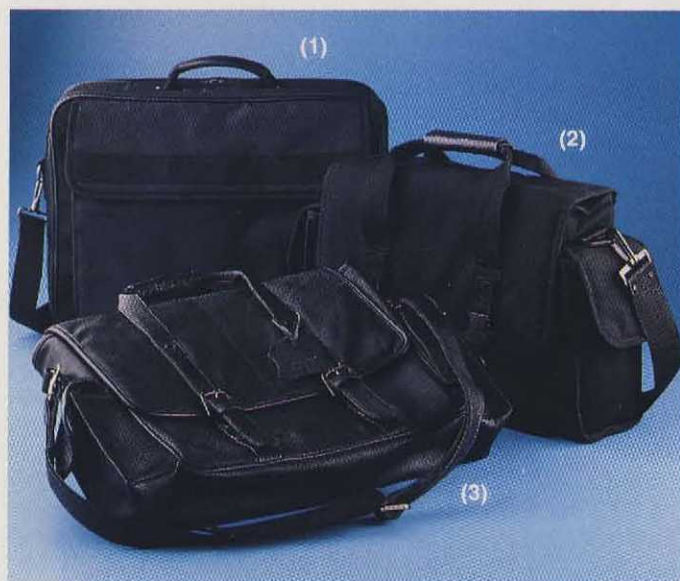
Microprocessor	12 MHz 80C286
Memory	1MB (3MB max)
Storage	20MB Hard Drive, 23 ms 3 1/2" 1.44MB Floppy Drive
Display Modes	VGA Triple Supertwist 640 x 480 7 5/8 x 4 5/8"
Software	DeskMate
Operating Systems	MS-DOS 5.0
Battery Life	3.5 Hours
Built-In Ports	Serial Parallel printer External disk drive
Keyboard	84-Key keyboard
Power Supply	110V/.6 lbs.
Footprint (HWD)	1.7 x 12.2 x 10"
Modem	Optional Fax/Modem
Weight	Less than 6 lbs.
Certification	FCC/UL
Catalog Number	25-3502
Price	\$1999

## Tandy Notebook PCs—Loaded With Features, Built for Lasting Performance

The Tandy notebook PCs on these two pages all feature Power View indicators so you can check power, battery and charging status even with the lid closed. Shut off your 2810/3810 in the middle of a program and a special resume mode will take you right back to where you left off. Leave the keyboard for a while and

an automatic shut down feature helps conserve battery life. Keyboards emulate 101/102-key keyboards, and the Caps Lock and Control Keys are interchangeable for ease of typing. With MS-DOS and DeskMate productivity software (see page 9) pre-installed on the hard drive, you can get right to work

with a handy word processor, spreadsheet, filer and seven other easy-to-use applications (add a modem for access to the Online services). And rest assured: every Tandy laptop is engineered to stand up to rugged travel conditions—you can feel the quality. If you're on the move, Tandy's the one to take!



### Take Your Notebook Computer Wherever You Travel

- The Perfect Traveling Companions for Notebook PCs
- Secure, Padded, Attractive Protection

(1) **Universal Carry Case.** Now you can take your work with you wherever you go! Just slide in your notebook-size laptop for protection and easy portability. Carry case features two convenient outside pockets for holding accessories. **3995**  
25-3512

(2) **NEW! Deluxe Briefcase-Type Carry Case.** Protect your laptop from moisture, damage and dust when traveling with this attractive carry case. Roomy storage compartments and convenient front-zippered pocket keep needed accessories always handy. **5995**  
25-3514

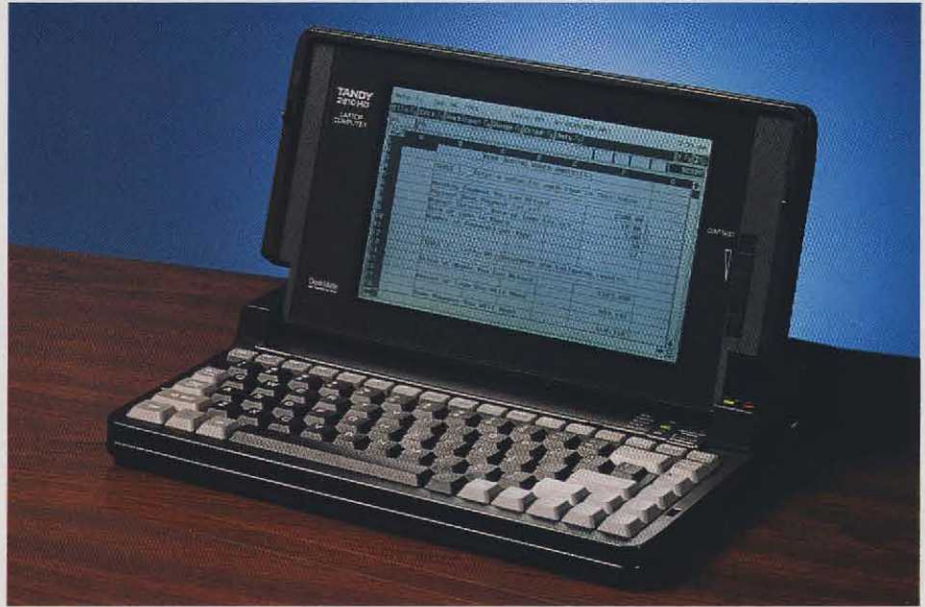
(3) **Leather Notebook Computer Carry Case.** When you're on the move, slide your notebook PC into this sharp-looking leather carrying case for protection and easy portability. Soft leather. **9995**  
25-3518



# DESKTOP POWER IN A NOTEBOOK PC

## Tandy 2810 HD

Microprocessor	16 MHz 80C286
Memory	1MB (5MB max)
Storage	60MB Hard Drive, 19 ms 3 1/2" 1.44MB Floppy Drive
Display Modes	VGA Triple Supertwist 640 x 480 7 5/8 x 4 5/8"
Software	DeskMate 3
Operating Systems	MS-DOS
Battery Life	3.5 Hours
Built-In Ports	Serial Parallel printer Keyboard External VGA External disk drive
Keyboard	84-Key keyboard
Power Supply	110V/.6 lbs.
Footprint (HWD)	1.7 x 12.2 x 10"
Modem	Optional Fax/Modem
Weight	6.7 lbs.
Certification	FCC/UL
Catalog Number	25-3552
Price	\$2499



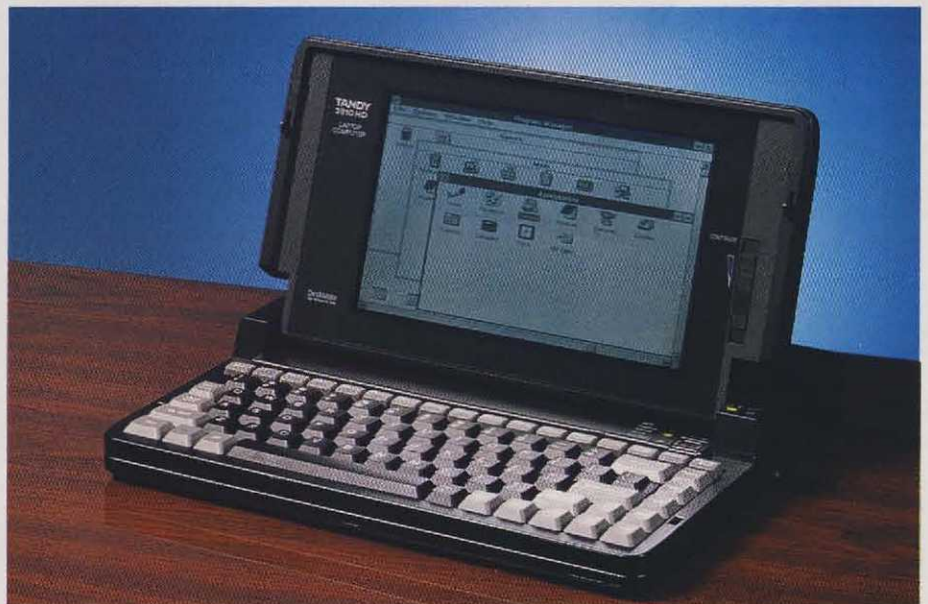
### VGA Clarity With 60MB Storage and Still Only 1.7" Thin

**NEW!** Tandy 2810 HD. Get 286 power in a notebook-size PC for speed-intensive applications like Microsoft Windows. The Tandy 2810 HD includes MS-DOS and DeskMate 3 software already installed on the hard drive. The VGA supertwist display gives you high resolution graphics and a sharp 32-gray scale. Includes Power Management software and Resume Mode.

25-3552 ..... **Low As \$76 Per Month \$2499**  
**Tandy 2810 HD with 20MB. 25-3551 ..... Low As \$67 Per Month, 2199.00**

## Tandy 3810 HD

Microprocessor	20 MHz 80386SX
Memory	1MB (5MB max)
Storage	60MB Hard Drive, 19 ms 3 1/2" 1.44MB Floppy Drive
Display Modes	VGA Triple Supertwist 640 x 480 7 5/8 x 4 5/8"
Software	DeskMate 3
Operating Systems	MS-DOS 5.0
Battery Life	2.75 Hours
Built-In Ports	Serial Parallel printer Keyboard External VGA External disk drive
Keyboard	84-Key keyboard
Power Supply	110/220V
Footprint (HWD)	1.7 x 12.2 x 10"
Modem	Optional FAX/Modem
Weight	6.7 lbs.
Certification	FCC/UL
Catalog Number	25-3571
Price	\$3299



### Now Get 386SX Performance and a 60MB Hard Drive

**NEW!** Tandy 3810 HD. Our most powerful laptop ever! With a super-fast 20 MHz 80386SX-20 microprocessor and 1MB memory you can process spreadsheets and graphics in a snap. Doubles as a desktop PC—just plug in a color VGA monitor, business-system keyboard, mouse and printer. With 3 1/2" 1.44MB floppy drive and 640 x 480 backlit VGA.

25-3571 ..... **Low As \$100 Per Month \$3299**



# TANDY INTRODUCES THE NEXT GENERATION OF PC TECHNOLOGY



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Now you can experience computing with spectacular sights and sounds that present a wealth of information in an exciting, interactive way. Multimedia technology

holds vast potential for businesses, schools and homes. And Radio Shack has it today, with a complete line of Tandy Multimedia PCs as well as upgrade kits for current PCs. A revolution in computing . . . begins on page 6.

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