

# Radio Shack®

The Technology Store™ for over 68 years, offers its exciting product line for '89. Everything in electronics for your entertainment, home, auto, education and business needs.



## THE TECHNOLOGY STORE

1989 Catalog No. 432 ■ Index Page 92



# Affordable Color Computer for the Whole Family



## Color Computer 3™ With Razor-Sharp Graphics!

**199<sup>95</sup>**

Monitors, platform and disk drive  
not included

Low As \$15 Per Month\*

- Produces Sharp, Crisp Graphs and Illustrations
- Displays 32 × 16 Text Using a TV, 40 × 24 or 80 × 24 Text With a Monitor
- 160 × 192, 320 × 192 or 640 × 192 Resolution
- Expands Easily as Needs and Skills Grow

**128K Extended BASIC Color Computer 3.** Ideal for graphics, programming, budgets, word processing, database management, spreadsheet analysis and many other applications. The Color Computer 3 comes with 128K memory (expandable to 512K), and gives you the advantage of greater programming and data-processing power, as well as higher-resolution graphics. Simply connect the Color Computer 3 to a high-resolution monitor—like the CM-8 (sold separately, below)—and you can create incredibly detailed charts, graphs and engineering drawings in vivid colors. Compatible with most software and accessories designed for the Color Computer 2. UL listed AC. **26-3334** ..... **199.95**

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

**Color Computer 3 512K Upgrade Kit.** **26-3335** ..... **149.95\***

**SPECIFICATIONS.** Microprocessor: 68B09E 8/16-bit. Clock Speed: 0.894 MHz or 1.788 MHz. Keyboard: 57 keys, including Control, Alternate, F1 and F2. Video Display: 16 lines of 32 characters (uppercase only) to 24 lines of 80 characters (upper and lowercase). Color graphics capabilities range from 64 × 32 (8 colors) to 640 × 192 (4 colors) with 6 intermediate display formats. High-resolution graphics available through machine language, Extended BASIC or Program Paks. Memory: 128K RAM—internally expandable to 512K. Twenty-one commands in enhanced Extended BASIC. Input/Output: 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms). Composite Monitor, and RGB Analog Monitor. Dimensions: 3 × 10<sup>9</sup>/<sub>16</sub> × 14<sup>3</sup>/<sub>4</sub>". Power: 120VAC, 60 Hz.

## Color Computer 2 Upgrade Kits

**16K RAM Upgrade Kit.** Converts a 4K Color Computer to 16K. **26-3015** ..... **29.95\***

**Low-Profile Keyboard Kit.** Upgrades any Color Computer with the older keyboard style to our newer version. **26-3016** ..... **24.95\***

**64K RAM Upgrade Kit.** Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127. **26-3017** ..... **59.95\***

### DC Modem Program Pak



**89<sup>95</sup>**

RS-232 Interface  
and 300-bps  
Modem

Transfer/receive ASCII files or access information services by phone. **26-2228** ..... **89.95**

### Deluxe Joystick



**29<sup>95</sup>**

Get accurate cursor control and quicker response. Select "spring-centering" or "free-floating" operation. **26-3012** ..... **29.95**

### Deluxe Color Mouse



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

Simply "roll" across tabletop to position the cursor. Two buttons for Tandy 1000-compatible software.

**26-3125** ..... **49.95**

### Joysticks



**19<sup>95</sup>**  
Pair

Our lowest priced joysticks. Now two players can experience the fun. Fast 360° movement! Single-shot button. **26-3008** ..... **Pair/19.95**

### High-Res Joystick Interface



**9<sup>95</sup>**

Plugs into the cassette and one joystick port to allow standard or deluxe joystick to address higher-resolution modes (up to 640 × 640) on the Color Computer 2 or 3. **26-3028** ..... **9.95**

### Hard Disk Interface



**129<sup>95</sup>**

Low As \$15 Per Month\*

Utilize Primary Drives

Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later). **26-3145** ..... **129.95**

\*INSTALLATION REQUIRED (NOT INCLUDED). SOME INSTALLATIONS MAY REQUIRE ADDITIONAL-COST HARDWARE.



# Color Computer Applications and Games

• Revolving Credit  
Available  
See Page 3



## Choose From All-New and All-Time Favorite Program Paks

### Color Computer 3

**NEW! Super Pitfall.** The Nintendo classic comes to your Color Computer 3. Join Pitfall Harry as he searches a vast subterranean cave dwelling high in the Andes. With over 270 challenging screens, plus scads of pits and falls, snakes and bats and assorted other inconveniences. **26-3171 . . . . . 29.95**

**NEW! GFL Championship Football II.** This has what no other computer football program has . . . in-the-helmet perspective to put you down on the field, where the action is! 2-D view helps you plan your strategy. Joysticks required. **26-3172 . . . . . 29.95**

**NEW! Castle of Tharoggad.** Storm the treacherous castle to explore its dangerous 3D maze, battle vicious beasts on the prowl, and avoid sinister traps set by the evil captor. Requires joysticks. **26-3159 . . . . . 29.95**

**NEW! A Mazing World of Malcom Mortar.** As you wind your way down through myriad passages towards the basement carrying a load of bricks and dynamite, suddenly, you hear a shout, and the deafening crash of breaking masonry above! For a moment, everything goes black . . . **26-3160 . . . . . 29.95**

**NEW! Rad Warrior.** It's 2500 A.D., and someone must stop the nasty mutant aliens. As Tal, warrior of the future, you'll need to get the weapons to penetrate their radioactive city of ruins, plus have the cunning and courage to persevere! **26-3162 . . . . . 29.95**

**Thexder.** Wear the hyper-duel armor and intrude into the huge underground fortress of the planet "Nediam." Battle enemy robots with state-of-the-art weaponry. **26-3072 . . . . . 24.95**

**Shanghai.** Smoke hangs thick in the steamy alley backroom in Shanghai. Tension grips as fortunes ride on the clicking tiles of a game—Mah Jongg—the 3,000-year-old obsession of sailors, warriors, scoundrels and kings. Beware . . . this game can be addictive. Joysticks recommended. **26-3084 . . . . . 24.95**

### Home Education Software

**NEW! Math Tutor.** Builds skills in addition, subtraction, multiplication, fractions, decimals, and percents. Helps students from 1st through 6th grades master basic math facts in an interesting and exciting way. **26-3148 . . . . . 24.95**

**NEW! Type Mate.** Learn to type. Monitor your progress through graphs for individual fingers, each hand and both hands. Finds your weak fingers to improve your typing skills. **26-3155 . . . . . 24.95**

**Color Math.** Cassette-based program. An easy way to make learning math skills fun! Color Math will supplement your child's study with a variety of challenging problems in addition and subtraction. For ages 6-14. **26-3201 . . . . . 19.95**

Software above is instant loading unless stated. Shanghai, Super Pitfall/© ACTIVISION. GFL Championship Football II/© Gamestar. Thexder, Silpheed/TM Game Arts Co., Ltd. Tetris/TM Academy Soft-ELORG. Soko-Ban/TM THINKING RABBIT. Rad Warrior/TM Epyx, Inc. Nintendo/TM Nintendo of America Inc.

**Springster.** Outwit Spudman, Hoodmaster and Spring Stomper in your quest for the magnificent maze melon. Brave great danger while moving through dazzling 3D mazes. Joysticks required. **26-3078 . . . . . 24.95**

### Color Computer 2 and 3

**NEW! Silpheed.** Become the ace pilot Silpheed, Super Dogfighter, as you defend the United Universe from an evil empire. Be bold and courageous and you will ultimately face Xacalite, the hideous leader of the Anti United Universe. Defeat him, and you save the free worlds! **26-3054 . . . . . 29.95**

**NEW! Tetris.** The irresistibly addictive Soviet Challenge! Discover the mystery of the four squares in this game conceived by two Soviet programmers. Time is of the essence as you try to rotate and/or flip moving pieces to fit as they descend. The further you get, the more challenging Tetris becomes! **26-3163 . . . . . 29.95**

**NEW! Soko-Ban.** This strategy maze game provides 50 levels of skill at maneuvering boxes to a designated area. Strategic planning is a must! With Soko-Ban there is always the challenge to complete just one more maze. And before you know it—you're hooked. **26-3161 . . . . . 29.95**

**Downland.** Become a spelunker! Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so beware! Requires joysticks. **26-3046 . . . . . 19.95**

**Dungeons of Daggorath.** You're pitted against an assembly of awesome beasts and cruel monsters. Every hard-fought victory brings you closer to your ultimate opponent—the evil wizard! **26-3093 . . . . . 29.95**

**Color Baseball.** Now you can play America's grand old sport! The exciting Color Computer program plays like the real game. You control pitching, running and defense—all in spectacular graphics. Make big-league decisions in this one. Requires joysticks. **26-3095 . . . . . 19.95**

### Home Productivity Software

**Color SCRIPSIT® II.** An easy-to-use word processor. You'll be able to type and edit your letters, memos, themes and reports right on the screen, then store them with an optional cassette recorder. **26-3109 . . . . . 29.95**

**Color File II.** Store, retrieve and use various types of important data, such as addresses, warranties and personal records. **26-3110 . . . . . 24.95**

**Personal Finance II.** An easy-to-use household budget program. Balance your checkbook and maintain accurate records of your expenditures in each budget category. You can review your expenditures on a monthly or yearly basis. **26-3106 . . . . . 29.95**

**Spectaculator®.** Do your planning, forecasting and problem solving with this "electronic spreadsheet." Just enter numbers and formulas, and Spectaculator will calculate and display the results on command, saving you time and effort. Up to 99 rows and columns. **26-3104 . . . . . 29.95**



# Color Computer Software and Accessories



## Make the Most of Your Color Computer With Disk Software

### Entertainment

**New! The Last Ninja.** ☐ Scale forbidding mountains, cross lakes and rivers. Meet an array of formidable foes, human and otherwise. Master new and dangerous tasks—like Ninja magic. Because . . . only you—the last Ninja—can avenge the brotherhood and recapture the secrets of the Ninja. 26-3241 . . . . . 34.95

**Flight Simulator II.** ☐ Put yourself in the pilot's seat of a Piper Cherokee and head for the skies! High-speed color 3D graphics provide a spectacular panoramic view. 26-3242 . . . . . 34.95

**King's Quest III.** ☐ Discover the wizard's secret spells, and use his magic to free yourself from his thrall. Requires 512K. 26-3285 . . . . . 34.95

**Sub Battle Simulator.** ☐ Direct one of six WWII U.S. Navy Subs or German Kriegsmarine U-Boats. Requires joysticks. 26-3272 . . . . . 29.95

**Zone Runner.** ☐ You're an interstellar trade merchant and crackerjack space pilot. Keep an eye out for patrols, pirates, escorts and mines! 26-3286 . . . . . 29.95

**The Interbank Incident.** Secret agents try to regain control of a lost satellite! Requires 64K and joysticks. 26-3296 . . . . . 29.95

**Rogue.** ☐ Face unpredictable monsters, ever-changing magic and hidden dangers. It's never the same game twice! 26-3297 . . . . . 29.95

**Koronis Rift.** ☐ Take part in a daring raid to claim the exotic technologies of a magnificent ancient civilization! 26-3298 . . . . . 29.95

**Rescue on Fractalus.** ☐ As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. 26-3299 . . . . . 29.95

### Home Education

**Where in the World is Carmen Sandiego?** ☐ Pursue diabolical thieves in an international chase through great cities. 26-3243 . . . . . 34.95

**Microscopic Mission.** ☐ Pilot a microscopic probe through a human body from the leg to the brain. 26-3271 . . . . . 29.95

**Winnie the Pooh.** An adventure that improves map skills, reading ability and logical thinking. Requires 64K. 26-3244 . . . . . 34.95

**Donald Duck's Playground.** Learn to recognize and match shapes, colors and letters. Requires 64K and joysticks. 26-3245 . . . . . 34.95

**Mickey's Space Adventure.** Help put back together the shattered "memory crystal" of a far-off planet. Requires 64K. 26-3247 . . . . . 34.95

### Productivity

**New Low Price! Color Computer DeskMate.** Includes word processing, spreadsheet, files, paint and more. Was \$99.95 in RSC-19. Requires 64K. 26-3259 . . . . . 59.95

**New Low Price! DeskMate 3™.** ☐ An integrated package of seven commonly used personal applications. Was \$99.95 in RSC-19. 26-3262, 69.95

**Phantomgraph.** ☐ Turn numerical data into easy-to-understand graphs and charts. 26-3276 . . . . . 39.95

**Home Publisher.** ☐ Turn your computer into a personal printing press for professional-looking results every time. 26-3273 . . . . . 39.95

**The Color Computer Artist.** ☐ A picture editor for the Color Computer 3. Select features from menu icons. 26-3277 . . . . . 29.95

### Operating System/Programming Tools

**OS-9 Disk Operating System.** Includes a powerful editor/assembler, plus functions for disk and terminal input/output, software memory management and multitasking. 26-3030 . . . . . 69.95

**OS-9 Level Two Disk Operating System.** ☐ Supports 512K RAM and dual speed on the Color Computer 3. Includes BASIC 09. 26-3031 . . . . . 79.95

**OS-9 Level Two Development System.** ☐ Complete editor/assembler with full-screen editing and specialty input/output drivers for the Color Computer 3. Requires OS-9 Level Two. 26-3032 . . . . . 99.95

**Multi-Vue.** ☐ A user-friendly graphics interface for OS-9 Level Two programs. 26-3035 . . . . . 49.95

## Increase Data Storage Capacity

**299<sup>95</sup>**

Low As  
\$15 Per Month\*

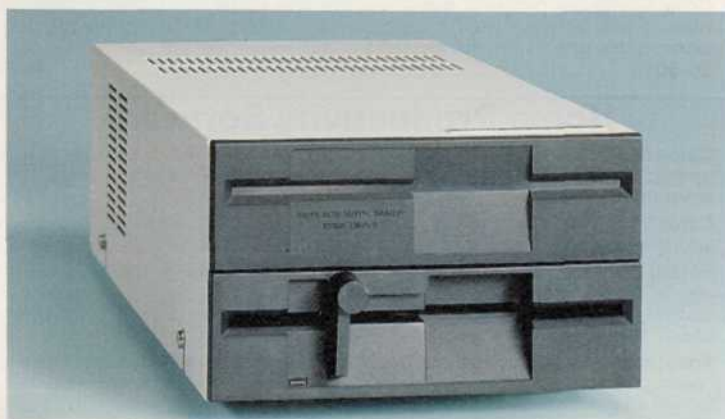
156,672 Characters of  
User Storage Per Diskette

**FD-502 Color Thinline Disk #0.** Turn any Color Computer with Extended BASIC into a complete disk system. You can write your own sophisticated disk applications or add ready-to-run software. The drive plugs into the Program Pak port or Multi-Pak Interface. UL listed AC. 26-3133 . . . . . 299.95

**Second Drive for FD-502.** Adds 156K of storage. Requires installation (not included). 26-3135 . . . . . 179.95

### Special Savings on OS-9 and a Disk Drive

**OS-9 Level Two and FD-502.** Reg. Separate Items \$379.90. 26-3133/26-3031 . . . . . 339.90



☐ Color Computer 3 only. The Last Ninja/TM System 3 Software, Ltd. Flight Simulator II/TM SubLogic Corp. King's Quest III/TM Sierra On-Line. Sub Battle Simulator and Rogue/TM Epyx, Inc. Rescue on Fractalus and Koronis Rift/TM LucasFilm. Where in the World is Carmen Sandiego?/TM Broderbund. Microscopic Mission/TM Activision. DeskMate/Reg. TM Tandy Corporation.



# Affordable Tandy Portable Computers

\*Revolving Credit  
Available  
See Page 3

## Lightweight Portable That's Ready to Go When You Are

Low As  
\$30 Per Month\*

# 599<sup>00</sup>

- Tandy 102 Now Has More Memory—32K Built In
- Five Built-In Programs Are Ready to Use the Moment You Turn the Power On
- Full-Size Keyboard Makes Typing Easy
- 40-Character x 8-Line Liquid Crystal Display
- Self-Contained Direct-Connect Telephone Modem

**Tandy 102.** The slim, lightweight Tandy 102 is a Micro Executive Workstation™ that's ideal for business people and students. Plus, the Tandy 102 features five instant-on programs, a 40 x 8 display and a modem—all built in. Use the Tandy 102 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Only 3 lbs. Requires four "AA" alkaline batteries. 26-3803 ..... 599.00  
AC Adapter. UL listed. 26-3804 ..... 6.95



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

### Accessories and Software

New Low Price! Tandy 102/200 Carry Case. Was \$39.95 in RSC-19. 26-3811 ..... 29.95  
Printer Cable. 26-1409 ..... 14.95  
Direct-Connect Modem Cable. One free hour on CompuServe and Dow Jones News/Retrieval. For modular phone jacks. 26-1410 ..... 19.95  
New! Tandy 102 Technical Reference Manual. Includes schematic diagrams. 26-252 ..... 9.95  
8K RAM Upgrade for 24K Tandy 102. Installation recommended. 26-3817 ..... 14.95  
Tandy 200 24K RAM Upgrade. Installation recommended. 26-3866 ..... 199.95  
Multiplan ROM. For Tandy 100/102. 26-3829 ..... 149.95  
SCRIPSIT® 100. 26-3830 ..... 39.95

### Tandy 102 Peripherals

- (1) **Portable Disk Drive 2.** Stores 200K of data on 3 1/2" floppy disks. Weighs 1 1/4 lbs. 2 x 4 1/2" x 6 1/8". Requires four "AA" batteries or AC Adapter (not included). 26-3814 ..... 219.95  
(2) **Acoustic Coupler 2.** Ideal for use when direct phone connection isn't possible. Accepts round or square handsets. (Handset shown not included.) 26-3818 ..... 59.95  
(3) **Bar Code Wand.** Use for billing, couponing and retail-item control. Includes cassette software for UPC, Plessey and 3 of 9. (Computer shown not included.) 26-1183 ..... 99.95



Adds Power and Versatility to Your Tandy 102

### Pocket Scientific Computer

# 69<sup>95</sup>

- Up to 72 Scientific and 17 Statistical Functions
- 2K RAM
- Ideal for Engineers and Students



**PC-7.** Keep track of important data and calculations anywhere you go. Features 35 BASIC commands so you can write your own special programs. 12-character display. Folds to 1 1/2 x 3 3/8 x 5 1/2". Includes batteries. 26-3673 ..... 69.95  
Replacement Battery for PC-7. Requires two. 23-162 ..... Each 1.79

### Advanced Pocket Computer and Accessories

Low As  
\$15 Per Month\*

# 119<sup>95</sup>

- Easy-to-Read 24-Character Display
- 65 Built-In Scientific Functions

**PC-6 Scientific Pocket Computer.** The PC-6 combines the best features of a powerful scientific calculator and a programmable pocket computer. Perform scientific calculations, or write your own programs in BASIC or Assembly Language. Retains programs and data even when power is turned off. Uses PC-4 Cassette Interface and Printer with PC 5/6 Cable (all sold separately). 8K RAM (expandable to 16K). Folds up to 3/4 x 2 3/4 x 5 5/8". Includes batteries. 26-3672 ..... 119.95  
PC-6 8K RAM Module. 26-3674 ..... 19.95  
PC-4/5/6 Portable Printer. Requires 26-3671 cable. 26-3652 ..... 99.95



Cassette Interface and Printer Cable. For 26-3651 and 26-3652. 26-3671 ..... 16.95  
Thermal Paper. 1 1/2" wide. 65-711 ..... 5/1.99  
Cassette Interface. 26-3651 ..... 39.95  
Replacement Battery for PC-6. Requires two. 23-162 ..... Each 1.79



# Radio Shack Has Printers for Your Every Need



**SPECIFICATIONS:** **Print Speed:** 6 pages per minute. **Resolution:** 300 x 300 dots per inch. Printable area max. 8" wide, 13 1/2" long. **Paper Size:** Letter, legal, half-letter, A4, A5, B5, 4 to 8 1/2" wide and 8 1/16 to 14" long. Paper tray holds 150 sheets 20# bond max. **Duty Cycle:** 3000 sheets per month. **Interfaces:** Video, Centronics parallel. **Dimensions:** 8 5/16 x 16 7/16 x 16 1/2". **Weight:** 37.5 lbs. **Power:** 120 VAC, 60 Hz. UL listed AC.

## Our Best! Deluxe Laser Printer

# 2599<sup>00</sup>

Commercial Lease Available  
For Only \$95 Per Month  
(Plus Applicable Use/Sales Tax)

- Complete—No Special Controller Board Required
- 1.5 MB Memory for 300 x 300 Dots-Per-Inch Quality
- Includes Several Popular Soft Fonts

**LP 1000.** Excellent for desktop publishing—laser-sharp clarity rivals professional typeset quality! Features portrait and landscape modes, 10/12/16.7 characters-per-inch text and 300 x 300 dpi on a full page measuring 8 1/2 x 11". Quietly prints up to six pages per minute. Optional downloadable custom fonts available. Convenient front-panel selection of program, fonts and type styles—no cartridges to misplace. Tandy®, IBM® and HP LaserJet Plus® compatible. Includes soft fonts "B" and "F" for HP emulation mode. Centronics parallel interface.

**26-2804** ..... **2599.00**

**Kit A. Drum/cleaner/maintenance kit. 26-2805** ..... **199.95**

**Kit B. Cleaner/maintenance kit. 26-2806** ..... **99.95**

**Toner. 26-2807** ..... **27.95**

IBM/Reg. TM International Business Machines Corp. HP LaserJet Plus/Reg. TM Hewlett Packard.

## Dot-Matrix Power for Business Applications

# 1599<sup>00</sup>

Commercial Lease Available  
For Only \$60 Per Month  
(Plus Applicable Use/Sales Tax)

- IBM® PC Compatible
- Prints Up to 240 cps
- 24-Wire Letter Quality

**DMP 2120.** Use the Font Editing Packages (sold separately) to load different type styles for print quality that rivals a daisy wheel printer! Includes data-processing, word-processing and graphics modes. Front-panel selection of fonts, character sets and type style. Prints up to 240 characters per second. Prints original, plus two copies. Includes built-in "push-type" tractor so single form or individual fanfold sheets can be detached without waste. Precision 24-wire print head. Optional four-color ribbon available. Parallel interface. UL listed AC.

**26-2811** ..... **1599.00**

**SPECIFICATIONS.** **Print Speed:** NLQ Mode—up to 80 cps @ 10 cpi. Draft Mode—up to 240 cps @ 10 cpi. **Print Density:** 10, 12 and 16.7 cpi, plus proportionally spaced and elongated. **Character Set:** 96 ASCII, 31 international and 31 graphics characters. **Horizontal Dot Resolution:** 360 dots/inch, 4896 dots/line. **Vertical Spacing:** 12, 6, 8 lines per inch. **Line Feed:** 1/6, 1/8, 1/12, 1/120". **Dimensions:** 7 3/4 x 22 1/2 x 15 3/8". **Weight:** 42 lbs. **Power:** 120VAC, 60 Hz.

## Low-Priced Daisy Wheel Printer



# 459<sup>95</sup>

Low As  
\$23 Per Month\*

- IBM PC Compatible
- Prints 200 wpm (20 cps)

**DWP 230.** Uses interchangeable 96-character print wheels. Includes Courier 10 print wheel and carbon ribbon. Parallel and Color Computer-compatible serial interfaces. UL listed AC. **26-2812** ..... **459.95**

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

## Computer/Printer Selector



# 99<sup>95</sup>

Low As \$15 Per Month\*

**Printer Selector 2 Interface.** Stop plugging and unplugging printer cables! Now you can easily connect two printers to one computer or two computers to one printer then automatically switch between them. Compatible with any standard parallel printer. Cables not included. UL listed.

**26-2820** ..... **99.95**

## Hard-to-Find Printer Supplies

Print wheels and plotter pens are available by special order through our exclusive Consumer Mail service for all Tandy and Radio Shack daisy wheel printers and plotters. If not in stock at the Radio Shack Computer Center or Radio Shack store or dealer near you, the item will be shipped to your local store in a few days. No extra charge for this service, no minimum order.

## Custom Fonts to Enhance Your Printer

**NEW! Font Download Utility.** Includes soft fonts "B" and "F" for HP emulation mode of LP 1000. **25-1305** ..... **195.00**

**Custom Font System for PC Compatible/2000. 25-1158** ..... **24.95**

**Custom Font System for Model 4. 26-2232** ..... **24.95**

**Custom Font System for Model 2/12/16/6000. 26-4840** ..... **24.95**



# More Printers and Printer Accessories

\*Revolving Credit  
Available  
See Page 3

## Print 300 Characters Per Second With Our 132-Column Business Printer

# 699<sup>00</sup>

Low As  
\$35 Per Month\*

- IBM® PC Compatible ■ Prints 132 Columns
- Triple-Mode Printer ■ Optional Downloadable Fonts
- Built-In Tractor—Use Fanfold Paper or Single Sheets

**DMP 440.** The perfect dot matrix printer for your business. The DMP 440 features superior speed and quality at a cost-effective price for many office printing needs. Three modes for word processing, data processing and dot addressable graphics. Download fonts with optional-extra font package for customized printing. Prints 10, 12 or 16.7 cpi, plus elongated, elite, condensed and super/subscripts. Prints a full 132 columns for business reports. 9-wire print head. Produces bit-image graphics. Prints original, plus two copies. Automatic single-sheet positioning. Built-in adjustable tractor. Parallel and Color Computer-compatible serial interfaces. **26-2808 ..... 699.00**

## Triple-Mode Printer for Home or Office

NEW  
FOR **89** **379<sup>95</sup>**

Low As  
\$19 Per Month\*

- IBM PC Compatible
- Prints Up to 120 cps



**DMP 132.** Features word-processing, data-processing and dot-addressable graphics modes. Prints standard or italic cursive in draft or correspondence modes. Supports super/subscripts, double-width, bold, double-strike and microfonts. Built-in tractor. Parallel and Color Computer-compatible serial interfaces. UL listed AC. **26-2814 ..... 379.95**



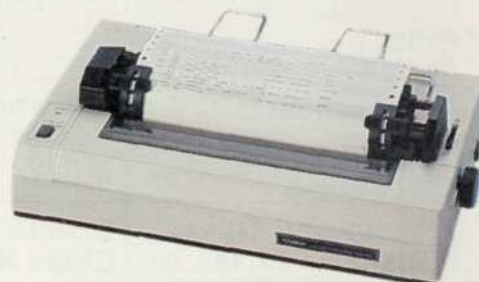
**SPECIFICATIONS.** Print Speed: NLQ Mode—up to 50 cps @ 10 cpi. Draft Mode—up to 300 cps @ 10 cpi. Print Density: 10, 12 and 16.7 cpi, plus elongated, elite and condensed. Character Set: 96 ASCII, 64 special, and 30 block graphics characters. Horizontal Dot Resolution: 816-3264 dots per line. Vertical Spacing: 12, 6, 8 lines per inch. Line Feed: 1/6, 1/8, 1/12, 1/72". Dimensions: 5 3/8 x 23 3/8 x 14 3/4". Weight: 17 3/8 lbs. Power: 120VAC, 60 Hz. UL listed AC.

## Our Budget-Priced High Performer

# 219<sup>95</sup>

Low As  
\$15 Per Month\*

- IBM PC Compatible
- Bit-Image Graphics
- Prints 80 cps



**DMP 106.** Ideal for data processing and general-purpose use. Bi-directional—prints 80 upper and lowercase letters per line (8 x 9 matrix) at 43 lines per minute (at 10 characters per inch). Elongated and condensed modes. Removable adjustable tractor. Parallel and Color Computer-compatible serial interfaces. UL listed AC. **26-2802 ..... 219.95**

## Replacement Printer Ribbons

Printer	Ribbon	Catalog No.	Each
DMP 130, 130A	Cartridge	26-1236	10.95
DMP 130, 130A	Refill (3/Pk.)	26-1238	12.95
DMP 105, 106	Fabric Cart.	26-1288	7.95
DWP 210, 230, 520	Multi-Strike (3/Pk.)	26-1445	17.95
DWP 210, 230, 520	Fabric Cart.	26-1458	8.95
DMP 2120	Fabric, Blk.	26-2834	39.95
DMP 2120	Fabric, Colors	26-2835	79.95
DMP 2120	Refill, Blk.	26-2836	17.95
DMP 2120	Refill, Colors	26-2837	37.95
DMP 440	Fabric Cart.	26-2809	34.95
PC 1 Printer	Fabric Cart.	26-3507	2.75

Additional ribbons are available for other Tandy/Radio Shack printers—see the RSC-20 Computer Catalog for a complete listing.

## Get the Printer Cable You Need

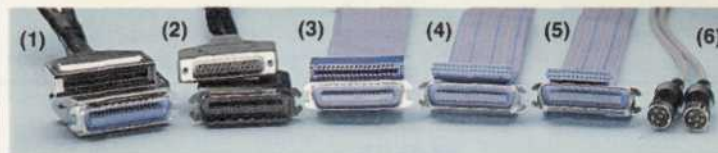


Fig.	Fits	Description	Length	Cat. No.	Each
1	All Tandy 1000	34-pin card edge/36-pin plug, shielded	6'	26-225	34.95
			12'	26-222	39.95
2	All Tandy 3000/4000/5000/1400 LT	DB25 male/36-pin plug, shielded	6'	26-227	34.95
			12'	26-223	39.95
3	Model I/III/4/4P/4D	34-pin card edge/36-pin plug, ribbon	6'	26-1401	29.95
4	Model II/12/16/16B/2000/6000	34-pin header/36-pin plug, ribbon	6'	26-4401	29.95
			12'	26-1323	34.95
5	Model 100/Tandy 102/200/600	26-pin header/36-pin plug, ribbon	6'	26-1409	14.95
6	Color Computer/MC-10	4-pin DIN/4-pin DIN, special serial	6'	26-3020	5.95

THERE'S A RADIO SHACK STORE NEAR YOU—WHEREVER YOU ARE



# Quality Computer Supplies and Accessories



## Certified 3 1/2", 5 1/4" and 8" Disks Double-Sided

Certified  
Error-Free

### High-Density Double-Sided

Size	Tracks	Qty.	Cat. No.	Price
3 1/2"	80	3	26-423	34.95
	(1.44 MB)	10	26-424	89.95
5 1/4"	80	3	26-421	13.95
	(1.2 MB)	10	26-422	34.95

5 1/4" Replacement Labels.  
26-307 ..... Pkg. 54/1.95

## Diskette Storage Boxes

Disks  
not  
included.

Low  
As

**12<sup>95</sup>**

Dust-Free Protection

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

## Library and Travel Diskette Boxes (2)

(1)



NEW  
FOR **89**

Disks  
not included

(1) New Economy Boxes  
3 1/2". Holds 10. 26-273 ..... 1.19  
5 1/4". Holds 10. 26-274 ..... 1.19  
(2) Deluxe Boxes  
3 1/2". Holds 5. 26-1380 ..... 2/2.95  
5 1/4". Holds 10. 26-1452 ..... 4.95  
5 1/4". Holds 5. 26-1348 ..... 2.95

Size	Tracks	Qty.	Cat. No.	Price
3 1/2"	80 (720KB)	3	26-417	16.95
		10	26-418	42.95
	40 (360KB)	3	26-411	5.49
5 1/4"	80 (720KB)	10	26-412	12.95
		3	26-409	8.49
		10	26-410	19.95
8"	77 (1.2MB)	10	26-4960	39.95

### Single-Sided

Size	Tracks	Qty.	Cat. No.	Price
8"	77 (608KB)	10	26-4906	34.95

## 1/4" Data Tape Cartridges

System	Length	Cap.	Cat. No.	Each
TCS-100	450'	48MB	26-1391	34.95
TCS-2000	205'	40MB	26-218	32.95
SCSI Int.	600'	150MB	26-204	44.95

## Bernoulli Cartridges

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

## Bernoulli Cleaning Kits

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

## Disk Drive Clean Kits

Low As **1<sup>99</sup>**

For Single or Double-Sided  
3 1/2". 15 cleanings. 26-253 ... 7.95  
5 1/4". 15 cleanings. 26-408 ... 7.95  
8". 15 cleanings. 26-4957 ... 8.95

### Disposable Kits

3 1/2". 2 cleanings. 26-271 ... 2.99  
5 1/4". 2 cleanings. 26-239 ... 1.99

## Fanfold Printer Paper

- High-Quality, One-Part Bond Paper—  
Not Ground Wood or Recycled Paper
- "Invisible" Detachable Margins on  
Letter-Sized (9 1/2 x 11") Sheets
- 20# Bond Sheets Now Use Special  
Superwhite, Letter-Quality Paper



Size	Design	Sheets	Weight	Brightness	Cat. No.	Each
9 1/2 x 11"	Blank	500	16# Hibulk	80	26-1423	9.95
9 1/2 x 11"	Blank	1250	16# Hibulk	80	26-276	24.95
9 1/2 x 11"	Blank	500	20#	88 Superwhite	26-1387	11.95
9 1/2 x 11"	Blank	1250	20#	88 Superwhite	26-1427	29.95
9 1/2 x 11"	Blank	2500	20#	88 Superwhite	26-277	54.95
9 1/2 x 11"	Greenbar	3500	16# Hibulk	80	26-1403	59.95
14 7/8 x 11"	Greenbar	1500	15#	80	26-278	39.95

## Color Fanfold Paper



Letter  
Size

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

## Hanging Binders

14 7/8 x 11" Printout Binder. For  
printout storage. 26-211 ..... 2.99  
9 1/2 x 11" Printout Binder.  
26-212 ..... 2.99

## Forms and Stationery



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

## Fanfold Labels

Width	Carrier	Qty.	Cat. No.	Each
1	4 1/4"	1000	26-1328	5.95
1	4 1/4"	5000	26-261	19.95
2	9 1/2"	2000	26-262	15.95
3	9 1/2"	3000	26-263	15.95

## Copier Paper & Toner

For EPC-150 Copier:  
Letter-Size Paper. 88-2041 ..... 300/18.95  
Legal-Size Paper. 88-2042 ..... 300/19.95  
Toner A "Starter". 88-2043 ..... 2/24.95  
Toner B "Replenisher". 88-2044 ..... 4/32.95  
For PPC-200 Copier:  
Dry Toner. 2 bottles. 88-2051 ..... 34.95

## Printer Roll Paper

Printers	Cat. No.	Each
CGP 115	26-1428	3/5.95
CGP 220	26-1333	3/9.95
TP 10	26-1332	2/4.95
PT 210/TRP 100	76-1003	6/29.95
PC 1	26-3506	6/1.99
PC 2	26-3606	6/2.95
PC 3/8	26-3592	5/2.49
PC 4/5/6	65-711	5/1.99
Quick Printer	26-1405	3/24.95
Quick Printer II	26-1412	2/6.95
LP I/II/TV/VII/200	26-1402	2/19.95
Plotter/Printer	26-1407	5.95

## Cassette-Based Computer Accessories

**59<sup>95</sup>**

- Automatic Level Control
- CPU Starts/Stops Recorder  
Automatically

CCR81 Computer Cassette Recorder. Includes  
cable. UL listed AC operation or 4 "C" batteries  
(not included). 26-1208 ..... 59.95  
Replacement Cable. 26-1207 ..... 5.95

## Certified Cassettes



Type	Cat. No.	Each
Deluxe C-20	26-308	3.79
C-20	26-301	2.79
C-10	26-302	1.89

## Disk File Envelopes



Disks not included.

Protect two 5 1/4"  
disks in each  
handy 3-ring  
binder envelope.  
Pkg. of 10.  
26-510 ..... 7.95

## 5 1/4" Drive Analyzers

Analyzes alignment, rotational  
speed, index timing, clamping abil-  
ity and write/read accuracy.  
For Tandy 1000 5 1/4" Drives.  
26-1370 ..... 29.95  
For Tandy 3000/4000 5 1/4" Drives.  
26-217 ..... 29.95

## Mouse Pad

NEW  
FOR **89**



Mouse not included.

Provides smooth tracking surface  
for mouse controller. Cloth top.  
9 1/2 x 7 3/4". 26-237 ..... 6.95

## Flowchart Template

**2<sup>49</sup>** NEW  
FOR **89**

Create easy-to-follow  
programming flowcharts.  
26-254 ..... 2.49



# Computer Furniture and Accessories

\*Revolving Credit  
Available  
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## Full-Size Affordable Computer Furniture

Beautiful Simulated Oak

**Computer Workcenter.** Allows plenty of room for working. Features a full-width monitor shelf (41½ x 14¾") for additional space. Adjustable glides. Easy to assemble. 34 x 43 x 23¾".

26-1350 ..... 99.95

**Printer Stand.** With storage shelf and bottom-feed paper slot. Large enough for wide 132-column printers. Adjustable glides. Easy to assemble. 26¾ x 18½ x 21½". 26-242 ..... 59.95

### Computer Workcenter

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

Low As \$15  
Per Month\*

### Printer Stand

**59<sup>95</sup>**



Computer, printer  
and accessories  
not included.



## Auto-Power Controller



**69<sup>95</sup>** Protects Against  
Spikes and Line Noise

Automatically turns on accessories when CPU is switched on. Common and differential mode transient protection and filtration. 15-amp rated. 6-ft. power cord. UL listed AC. 26-1396 ..... 69.95

## Switching System



**99<sup>95</sup>** Swivels for  
Monitor Viewing

CPU, monitor not included.

**Power Switching System.** Six outlets. Filters transients/line noise. UL listed AC. 26-203 ..... 99.95

## Space-Saving Computer and Printer Stands



Computer  
Stand

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

Computer, printer  
and accessories  
not included.

Easy to Assemble

**Computer Stand.** Monitor platform and storage shelf. 26 x 32 x 19¾". 26-1354 ..... 49.95

**Printer Stand.** Bottom-feed paper slot and storage shelf. Adjustable glides. 26 x 26¾ x 19¾". 26-1355 ..... 49.95

Printer  
Stand



## Spike Protector



**18<sup>95</sup>**

- Twin Outlets
- With MOV Status Lamp

Full common and differential-mode transient protection. Power-line noise filtration. Push-to-reset circuit breaker. 10-amp rated. U.L. listed AC. 26-1395 ..... 18.95

## Computer Power Center



NEW FOR 89

**39<sup>95</sup>**

(Avail. 10/30/88)

Three-way transient spike protection and one-way filtration. 15-amp rated. With 6-ft. power cord. UL listed AC. 26-1365 ..... 39.95

## Universal Monitor Platform

NEW FOR 89

**19<sup>95</sup>**



Easy to Assemble

CPU and monitor not incl.

Accommodates all Tandy monitors and many others. Durable molded plastic. 4¾ x 20¾ x 12".

26-1329 ..... 19.95

## Monitor Pedestal

**16<sup>95</sup>**



CPU, monitor not incl.  
Rotates and tilts.  
Base: 11 x 10¼".  
26-1369 ..... 16.95

## Dust Covers

Computers	Cat. No.	Each
Color Computer 3	26-532	4.95
Tandy 1000 HX	26-543	4.95
CPU with Monitor	26-541	9.95
Peripherals	Cat. No.	Each
Universal Color Monitor	26-548	4.95
CoCo Disk Drives	26-542	3.95
Tandy 1000 Disk Drives	26-544	3.95
Printers	Cat. No.	Each
DMP 106	26-530	4.95
DMP 132	26-536	4.95
DMP 2120	26-546	4.95
DMP 2200	26-539	4.95
DWP 220/230	26-537	4.95
DWP 440	26-547	4.95

## Safety Extensions



NEW FOR 89

(3)

(1) All power cords UL listed.  
Neat 6-ft. flexible beige PVC.

(1) 6-Ft. Runner With Twin Power Outlets. 26-238 ..... 24.95

(2) 6-Ft. Cord Cover. AC cord not incl. 26-1379 ..... 13.95

(3) New! 6-Ft. Runner With Twin Power Outlets and Twin Modular Phone Jacks. 26-272 ..... 44.95

## Backup Power Supply



**349<sup>95</sup>**

Low As  
\$18 Per  
Month\*

Provides Spike Protection

**BPS 250.** Provides up to 7 minutes of full power operation (250 watts). UL listed AC. Three outlets. 26-250 ..... 349.95



Before After

## Anti-Glare Screen

**24<sup>95</sup>**

For Tandy Color Monitors. Eliminates surface glare, improves readability, and reduces eyestrain.

26-202 ..... 24.95

## Anti-Static Spray

**5<sup>95</sup>**

Reduces harmful static.  
16 oz. 26-515 ..... 5.95



## Keyboard Cover



NEW FOR 89

Keyboard not included.

Fits new Tandy enhanced keyboards and IBM (not for 25-4038). 26-1336 ..... 7.95

## Platen Cleaning Kit

NEW FOR 89

**6<sup>95</sup>**

Reduces paper misfeeds on computer printers and typewriters. Two brushes, 1-oz. bottle of fluid and instructions. 26-205 ..... 6.95

## Extension Cables

**14<sup>95</sup>**

5-ft. Tandy 1000 Keyboard Extension Cable. 26-1389 ..... 14.95  
6-ft. Monitor Extension Cable. Shielded. 26-257 ..... 14.95



# For Business Products Backed by Total Support,



## Tandy 5000 MC Professional System

NEW  
FOR **89**

**4999<sup>00</sup>**

Monitor and mouse not included

Commercial Lease Available  
For Only \$180 Per Month  
(Plus Applicable Use/Sales Tax)

- 20 MHz Intel® 80386™ Microprocessor ■ VGA Graphics
- 2 MB RAM (16 MB Capacity) ■ Cache Memory

Our most powerful computer ever! The Tandy 5000 MC Micro Computer is strictly business, from the look of its 256,000-color VGA graphics to the tactile feel of its newly-designed keyboard. Its Intel 80386 processor operates at a lightning-fast 20 MHz, and a memory cache controller provides RAM-fast access to your data. IBM® Micro Channel™ compatible architecture provides a 32-bit wide data path for virtually simultaneous data transfer between peripherals. Will operate MS-DOS® 3.3, MS® OS/2, SCO® XENIX® 386 and network operating software. The 5000 MC's technology, performance and price all add up to an incredible value. VGA graphics, serial and parallel ports and mouse support included. UL listed AC.

25-6000<sup>1</sup> ..... 4999.00

Tandy 5000 MC with 40 MB Hard Disk Drive ..... 6499.00

Tandy 5000 MC with 84 MB Hard Disk Drive ..... 6999.00

MS, XENIX and MS-DOS/Reg. TM Microsoft Corp. SCO/Reg. TM The Santa Cruz Operation. Intel/Reg. TM and 386/TM Intel Corp. Micro Channel/TM and IBM/Reg. TM IBM Corp.



## Tandy 4000 and New Tandy 4000 LX

NEW  
FOR **89**

Tandy 4000 Low As

**2599<sup>00</sup>**

Monitor and printer not included

Commercial Lease Available  
For Only \$145 Per Month  
(Plus Applicable Use/Sales Tax)

- Intel 80386 Microprocessor ■ 16 and 20 MHz versions
- 3 1/2", 1.44 MB Floppy Disk Drive ■ MS OS/2 ready

For superb 80386 power and performance at a surprisingly affordable price, look to the Tandy 4000 family. It's so cost effective, you can actually configure a 386 system for what you'd expect to pay for a competitor's 286 model. Easily expandable with six AT and two XT-style expansion boards for a variety of applications. 3 1/2" 1.44 MB floppy disk drive, plus room for two additional front-panel drives. UL listed AC.

Tandy 4000. 16 MHz clock speed. 1 MB RAM. 25-5000 ..... 2599.00

Tandy 4000 with 40 MB Hard Disk Drive ..... 3799.00

Tandy 4000 LX. The super-fast 4000 LX runs current PC/XT/AT software and MS OS/2 applications with amazing speed. 20 MHz clock speed, 2 MB RAM. 25-5100<sup>1</sup> ..... 3999.00

Tandy 4000 LX with 40 MB Hard Disk Drive ..... 5199.00

## People and PCs Working Together™: Tandy Workgroup Solutions



Connect  
MS-DOS-based  
computers in  
your office with  
a Tandy  
Workgroup  
Solution.



Radio Shack has the workgroup for small offices, large departments and companies. For two workstations and up, our TandyLink/Professional workgroup provides a most affordable, easy-to-use solution. Each user can share files, mail, an appointment calendar—even a printer.

For larger workgroups, Radio Shack and 3Com have teamed together to provide the ideal workgroup solution. Now you can use your PC to share information with your colleagues, update files in a common data base and route messages and other mail—electronically. A Tandy 5000 MC, Tandy 4000 LX or Tandy 4000 computer acts as file server, providing information for all of the computers in the workgroup. 3Com will support multiple MS-DOS machines, so the Tandy 1000 TL, 3000 NL, 3000 and IBM-compatible PCs can be used as workstations. We provide the standards, expandability and support that you can have confidence in.

The ease of installation and ease of use of a Radio Shack/3Com workgroup means each user can become more productive quickly, while network management is kept simple.

Let one of our representatives arrange a no-cost, no-obligation meeting with you to explain how you can benefit from a Tandy Workgroup Solution. Learn how Radio Shack's experience with workgroup solutions, the complete line of Tandy computer products and superior support and service work together for your business.



# Visit any Radio Shack Computer Center

\*Revolving Credit  
Available  
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## New, Enhanced Version of the Tandy 3000

NEW  
FOR 89

**1699<sup>00</sup>**

Commercial Lease Available  
For Only \$55 Per Month  
(Plus Applicable Use/Sales Tax)

Monitor and printer not included

- 10 MHz Intel 80286 Microprocessor ■ 3 1/2", 1.44 MB Drive
- 512K RAM ■ 3 Additional Front Panel Device Slots

The Tandy 3000 NL is the latest edition of our ever-popular Tandy 3000 series. It can give you the power to manage your business as a stand-alone base system or as a high-performance network workstation. The 3000 NL is compatible with software designed for the IBM PC AT® and XT™, and will run the next generation of software using the MS OS/2 operating system. And because we know how quickly your business can grow, we made sure the Tandy 3000 NL has room for fast, low-cost expansion. Four front-panel device slots and three AT and four XT-style expansion slots offer maximum flexibility in a small footprint. Available at Radio Shack Computer Centers and participating stores and dealers. UL listed AC.

25-4072 ..... 1699.00

Tandy 3000 NL with 40 MB Hard Disk Drive ..... 2699.00

XT/TM and AT/Reg. TM IBM Corp.

## Model 4D with DeskMate 6-in-1 Software

**1199<sup>00</sup>**

Low As \$60 Per Month\*

- One-Piece Design
- DeskMate Software
- Two Disk Drives



The Model 4D's one-piece design, housing a monitor, keyboard and two disk drives, is a favorite of businesses and educators. Whether you're adding to a classroom network or setting up a new system, you'll find that the 4D is supported by a wide selection of software and accessories. The included DeskMate software features six programs—Text, Filer, Spreadsheet, Telecom, E-Mail and Calendar.\* UL listed AC. 26-1070' ... 1199.00

Model 4D Hard Disk Controller. Cable kit required. 26-1138 ... 449.95

\*DeskMate communications require modem.

## Radio Shack Computer Centers Offer Total System Solutions

- Professional Sales Force for Large Accounts

- Wide Selection of Business Software and Computer Products



Whether you work at an in-home business or a Fortune 500 corporation, Radio Shack Computer Centers can offer the computers, expertise, training, service and support you need to make the best automation decision possible. Our professional marketing staff is ready to recommend the configuration that's right for your business, from the inexpensive Tandy 1000 HX to sophisticated workgroup solutions.

Our Computer Centers offer a library of the most popular titles in business software right off the shelf. And, for more specialized applications, our exclusive Special Order service brings you software and hardware that's performance proven, and professionally supported by the top manufacturers in computer products.

After the sale, we're still there for you with a service and support network that is unsurpassed in the industry. We offer system installation, training and support at your site, telephone support, system administrator services and custom application design. You get help when and where you need it for improved business efficiency.

Our nationwide network of Radio Shack Computer Service Centers offer a variety of on-site carry-in service plans. We assure convenient, affordable service across the country, performed by employees of the same company that designed, manufactured and sold you your computer. We strive to get you "up and running" as quickly as possible.



The bottom line? We work hard for your business, offering a combination of benefits no other company can match. Call or visit your nearest Radio Shack Computer Center today, and join the millions who have made Radio Shack the world's largest electronics retailer.

**Our 1989 Tandy Computer Catalog features 52 pages of the best values in computers, software and peripherals. Get your free copy at any Radio Shack Computer Center!**





# PC-Compatible Tandy 1400 LT Portable

Get MS-DOS® Power and  
a Highly Legible Backlit  
"Supertwist" Display

**1799<sup>00</sup>**

Software not included

Low As \$90 Per Month\*

- Full-Function IBM® PC Compatible
- High-Quality Supertwist Backlit LCD Display
- High-Performance 7.16 MHz Clock Speed
- Features Two 3 1/2" Built-In Disk Drives
- Removable, Rechargeable Battery Pack



Battery pack ensures  
power when you need it



Handy carrying case  
for easy transport

**Tandy 1400 LT.** A PC-compatible portable computer with standard features that no other portable offers. The Tandy 1400 LT is the perfect solution for people who spend most of their time travelling—like sales personnel, reporters and business people. You'll be able to finish reports and memos, organize your presentation materials—whatever your needs—at anytime or place. Or you can use it in your office and get all the advantages of a fully configured desktop computer.

The Tandy 1400 LT's 8088-equivalent microprocessor (NEC V-20) has a 7.16 MHz clock speed (vs. 4.77 MHz for many other PC-compatible portables). The 768K RAM is enough memory to run all of your important applications. And because the 1400 LT comes with MS-DOS®/BASIC 3.2 and is IBM PC compatible, you'll never have trouble finding sophisticated programs to increase your productivity. Another important advantage is the 1400 LT's two built-in 3 1/2" disk drives. The 3 1/2" drives give you twice the storage capacity for program and data files (720K each) than older 5 1/4" disk drives.

The remarkably clear backlit liquid-crystal display is the ultimate in clarity and readability. It features an 80-character by 25-line resolution (same as a full-sized monitor), and the latest in "supertwist" LCD technology. The keyboard features 76 typewriter-style keys and special-function keys. The 1400 LT weighs less than 14 pounds, and it even comes with a handle for easy transportation.

The 768K RAM gives you a tremendous amount of portable-computing power. With 640K addressed by MS-DOS, you'll have 128K left over for a RAM-based disk drive. The Tandy 1400 LT also features a real-time clock and includes a parallel printer adapter, an RGB monitor output for connecting either a CM-5 or CM-11 color monitor, an RS-232C serial interface and a handy removable battery pack. It also supports an external PC-compatible keyboard and an internal modem.

The Tandy 1400 LT offers you a clear advantage in portable-computer technology. It gives you the efficiency and power of a desktop computer, while at the same time giving you the advantage of mobility. Don't settle for anything less than the best in portable computers—the Tandy 1400 LT.

**25-3500** ..... **1799.00**

## Get the Most Out of Your Portable With These Tandy 1400 LT Accessories

**NEW! Internal 20-Megabyte Hard Disk Kit\*.** Replaces one of the internal floppy drives and provides 20 megabytes of battery-operated storage. Kit includes 1"-high 20-megabyte hard disk, hard disk controller board and cables. Installation required (not included).

**25-3515** ..... **1199.00**

**1200-bps Modem.** A Hayes®-compatible auto-dial/auto-answer modem that allows your Tandy 1400 LT to run the most popular communications software at higher speeds, reducing the cost of on-line time.

**25-3510** ..... **199.95**

**MS-DOS/GW-BASIC Reference Guide.** Complete guide to all MS-DOS and GW-BASIC commands. Covers syntax, switches and all utilities. Handy for novices and experienced users alike. **25-1508** ..... **29.95**

**Carrying Case.** **25-3511** ..... **39.95**

**Replacement Battery Pack.** **25-3520** ..... **79.95**

\* Service center item only.

## Specifications

**Microprocessor:** NEC V-20 (8088 equivalent). **Clock Speed:** 7.16/4.77 MHz (switchable). **Operating System:** Includes MS-DOS/GW-BASIC 3.2. **Memory:** 16K ROM, 768K RAM. 640K accessible by MS-DOS, 128K available for RAM-based disk drive. **Display:** Backlit "Supertwist" LCD, 640 x 200 pixels, 80 x 25 characters, aspect ratio 1:1.4. **Disk Drives:** Two internal 720K 3.5 inch double-sized, double-density. Supports one external disk drive. **Keyboard:** Full-size, 76 keys. **Modem:** Optional 1200-bps modem. **External Connections:** AC Adapter, DB-25 Parallel Printer, DB-9 Serial Port, RGBI Color Monitor, Composite Video Out, External Disk Drive, Enhanced Keyboard. **Battery:** Removable 12 Volt, 2200 mAh. Extras available. **Dimensions:** 3 1/2 x 12 1/2 x 14 1/2". **Weight:** 13.5 lbs. **Certification:** FCC Class B.

IBM/Reg. TM IBM Corp. MS-DOS/Reg. TM Microsoft Corp. Hayes/Reg. TM Hayes Microcomputer Corp.

APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3



# Get "On Line" With Radio Shack Modems

\*Revolving Credit  
Available  
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## Choose an Easy-to-Use Internal Modem



All three internal modems have Hayes® command set, auto-dial/auto-answer, Bell 212A compatibility at 1200 bps and Bell 103 compatibility at 300 bps. Also monitor speakers and telephone line cord. FCC registered.

**NEW! 2400 Half-Card.** Our latest internal modem features CCITT V.22 bis. Higher speed cuts costly connect time. **25-1037** ..... **179.95**

**New Low Price! 1200 PLUS Card.** Designed especially to fit the Tandy 1000 EX/HX on the Memory PLUS Expansion Board (25-1062) or other PC-Compatibles with optional PLUS Upgrade Adapter Board (25-1016). Was \$199.95 in RSC-19. **25-1018** ..... **99.95**

**New Low Price! 1200 Half-Card.** Was \$199.95 in Cat. RSC-19. **25-1013** ..... **99.95**

## 2-Line Communication Phone/Modem

**99<sup>95</sup>** Standard RS-232C  
Connection

Low As \$15 Per Month\*

**Modemfone™ 300.** Full duplex, originate/answer, 300 bps modem. Bell 103 compatible. Two-line telephone features switchable Touch-Tone/Pulse dialing. Hearing aid compatible. FCC registered. UL listed AC adapter. **26-1375** ..... **99.95**



## Enter the Information Age With Your Computer, Software and a Modem

- Electronic Mail ■ Shop-at-Home ■ Encyclopedia
- Research Documents ■ Up-to-the-Minute Stock Quotes
- Thousands of Programs to Download ■ Games



**NEW! PC-Link™.** Here's an on-line service that uses the DeskMate interface to make it easy to use. Contains the terminal package necessary to run all PC-compatible computers.

PC-Link is the lowest-priced full service network. For only \$9.95 a month you get unlimited access to a wide range of services including up-to-the-minute news, the encyclopedia, the Tandy Hotline and much more. No surcharges for 1200 baud access either! Includes monthly subscription to PC-Link magazine. You will find PC-Link very friendly and easy to use. You don't have to memorize any complicated commands. All you do is select options from the colorful, easy-to-read menus. Think of it. You can chat with friends and send mail. Play games with people all over the country, or access thousands of programs, including previews of "hit" software. Includes User Guide, Local Access Phone Numbers, one free month of service, PC-Link software and more. **25-1255** ..... **29.95**

**CompuServe Information Service.** A useful interactive videotex service accessible by almost any model of personal computer or terminal. Some of the features of CompuServe include: Communications and Bulletin Boards, Money Matters & Markets, Financial Transaction Services, Electronic Shopping, News, Weather and Sports, Travel Information, Entertainment and Games, Education and Reference and many others. Complete kit includes ID number and password, \$25.00 user credit, complete User Guide, configuration diagram, reference cards, complete directory of local telephone access numbers and information Service rates, subscription to CompuServe's monthly news magazine, *Online Today*, once you've subscribed and more. **25-1257** ..... **29.95**

Use modems only with Bell-compatible equipment. Direct-connect modems are not for multiline use without optional controller. CompuServe/TM CompuServe, Inc. Hayes/Reg. TM Hayes Microcomputer Products, Inc. PC-Link/SM Quantum Computer Services.

## Low-Cost 1200-bps Intelligent Modem

NEW LOW PRICE **129<sup>95</sup>**

Was \$199.95 in RSC-17B

Low As \$15 Per Month\*

Switchable Between  
Tandy and Hayes  
Command Sets



**Intelligent Modem DCM 212.** Features menu-driven operation that automatically selects 300 or 1200 bps rate. Bell 212A-compatible asynchronous operation. Connects via RJ-11. FCC registered. UL listed AC. **26-1385** ..... **129.95**

## Value-Priced Direct-Connect Modem

**59<sup>95</sup>** Affordable  
Communications

**Direct-Connect Modem DCM-6.** Our lowest-priced direct-connect modem! Includes standard DB25 plus special 8-pin DIN connector for optional Acoustic Coupler 2. Operates at 300 bps, with full duplex and originate/answer modes. FCC registered. UL listed AC. **26-1393** ..... **59.95**  
**Acoustic Coupler 2.** **26-3818** . . . **59.95**



## Serial RS-232C Cables and Connectors



Fig.	Description	Connectors	Cat. No.	Each
1	6' round shielded	DB25 male/DB25 male	26-249	17.95
2	6' round shielded	DB25 male/DB25 female	26-240	17.95
3	6' round shielded	DB25 male/DB9 female	26-269	17.95
4	10' round, not shielded	DB25 male/DB25 male	26-1490	24.95
4	25' round, not shielded	DB25 male/DB25 male	26-1491	29.95
4	50' round, not shielded	DB25 male/DB25 male	26-1492	44.95
4	100' round, not shielded	DB25 male/DB25 male	26-1493	69.95
5	Null Modem Adapter	DB25 male/DB25 female	26-1496	7.95
6	Null Modem Adapter	DB9 male/DB9 female	26-264	6.95
7	Gender Changer	DB25 male/DB25 male	26-243	7.95
8	Gender Changer	DB25 female/DB25 female	26-1495	7.95
9	Gender Changer	DB9 female/DB9 female	26-266	6.95
10	Port Adapter	DB25 male/DB9 male	26-1388	7.95
11	Port Adapter	DB25 female/DB9 female	26-265	7.95
12	Color Computer, 6'	4-pin DIN male/4-pin DIN male, special serial	26-3020	5.95
13	Tandy 102 Modem twin 4' direct connect	8-pin DIN (Heshman-type) male/modular phone RJ11C	26-1410	19.95

TAKE ADVANTAGE OF THE TANDY SERVICE PLAN—SEE PAGE 92.



# Tandy 1000 Business & Productivity Software

Now Many Programs Feature the Easy-to-Use DeskMate® Interface!



- Enjoy the Same Look and Feel of DeskMate in Software From Leading Vendors
- Similarity in Commands and Functions Makes Learning New Programs a Snap
- Look for the DeskMate User Interface Logo for the Ultimate in Ease of Use

At last—an easy-to-use graphics interface for Tandy and other PC-compatible computers. Tandy's new DeskMate User Interface gives an expanding selection of MS-DOS based applications a similar operating environment. This makes it easy to move from one software package to another... to learn new programs quickly... and to operate different types of software with uniform and understandable commands. Until now, each manufacturer had its own set of commands for its own program. In all, everything looked and felt so different that even experienced users could become frustrated and confused when switching applications. And naturally, this problem could play havoc on the new user. The

DeskMate Interface gives MS-DOS users a welcome uniformity in operation. DeskMate has been licensed to a number of vendors, so that each of their software packages has the same user-friendly "look and feel." Our proven DeskMate format uses pop-up dialogue boxes and handy pull-down menus to select operations. Function keys work similarly from application to application. The graphic interface makes it simple to see where you are within the program—so you can quickly make a selection using the keyboard, or for even easier operation, a mouse. The advantages are clear. Software is easier to learn than ever. New users can be up and running in no time. Look for the programs with the DeskMate logo!

## Increase Productivity With Business Management Software



**NEW! Homeword II.** A powerful version that improves on the popular HomeWord Plus word processing system. Features "What you see is what you get" text screens, pull-down menus and dialog boxes. Other new features include an integrated graphics editing package, outline processor, thesaurus and spelling checker. Requires 256K (with DeskMate in ROM), or 384K RAM, two floppy drives. **25-1266 . . . 89.95**



**MemoryMate.** A highly versatile memory-resident data manager that offers you a very intuitive way of working with information—it allows you to work the way you think. Enter all of your notes, memos, to-do lists, thoughts and ideas in a completely freeform manner, then call them up with a single keystroke. Includes built-in Reminder feature. **25-1247 . . . 69.95**



**Quicken.** Easy-to-use checking and finance software for home and small business use. Quicken automates bill paying and eliminates rewriting recurring checks. In addition, Quicken prints checks, sorts lists, maintains check registers and more. Performs all reconciliation calculations for balancing with a bank statement and helps diagnose reconciliation problems. Supports multiple accounts; transactions per account limited only by disk space. **25-1246 . . . 49.95**



**NEW! PC-Link™.** Get unlimited access to a wide range of services, including up-to-the-minute news, an encyclopedia, the Tandy Hotline and much more for only \$9.95 per month! No surcharges for 1200 baud access either! You will find PC-Link very friendly and easy to use. Complete with User Guide. Includes one free month of usage and more. Requires modem. **25-1255 . . . 29.95**



**NEW! Venture.** A business startup program that contains an integrated system of a word processor, spreadsheet, file manager, general ledger, accounts receivable, check writer and invoicing system. Venture includes a number of templates to make starting a business much easier, plus on-line help, memory resident calculator and calendar, access to DOS and full integration between modules. **25-1249 . . . 349.00**



**NEW! Professional File.** A complete file management and reporting program providing the full range of features needed to quickly organize, update, retrieve, analyze and report information with professional results. Requires 512K and hard disk, or two high-capacity floppy drives. **25-1260 . . . 249.00**

**NEW! Professional Write.** A complete word processing program that allows busy managers to quickly write, edit, proof and print proposals, memos and letters. For quick, good-looking tables, use table editing to move, erase, copy, shift or enhance any column. The integrated spelling checker, thesaurus and built-in calculator make sure documents are error free. Requires 384K and two disk drives. **25-1261 . . . 179.00**

**New Low Price! Professional Plan.** An advanced spreadsheet analysis program providing the full range of features needed to quickly develop, analyze, graph and print business plans, budgets, financial statements and other planning models with professional results. Requires 512K, two disk drives and a graphics card. Was \$199.00 in Cat. RSC-19. **25-1173 . . . 99.00**

**Varsity SCRIPSIT™.** A word processor with built-in spelling verifier and corrector to help create correction-free documents. Features window function, table of contents creation, footnoting and more. Requires 256K (for MS-DOS 2.11) and 384K (for MS-DOS 3.0). **25-1174 . . . 89.95**

**NEW! Microsoft Works.** An easy-to-learn program which combines word processing, spreadsheet, database and communications. Includes macros, spelling checker, graphics and reporting capabilities. Requires 384K and two disk drives. **25-1184 . . . 175.00**

**Quartet.** A complete accounting system that performs the four major accounting functions—General Ledger, Accounts Receivable, Accounts Payable and Payroll. Even prints W-2 forms and allows changing of the W-2 format if the design changes. **25-1146 . . . 199.95**

## Create and Print Cards, Banners, Signs, Newsletters and More



Turn your home or office into a publishing center with our exclusive print software!



**NEW! Print Magic.** Create cards, flyers, certificates, stationery and banners with virtually no restriction. Pick from pictures, borders, typefaces and other stunning graphics. **25-1265 . . . 54.95**

**NEW! AwardWare.** Print traditional certificates, awards, licenses and announcements. Create upbeat coupons, stationery and more. **25-1227 . . . 14.95**



**NEW! Instant Pages.** A dynamic forms design program! Includes over 100 ready-to-use forms and newsletters—you simply fill in the words using your favorite word processor. **25-1262 . . . 44.95**

**NEW! Print Power.** Design and print signs, cards, stationery, banners and more. A powerful print program for home, office and school. **25-1226 . . . 19.95**

**The Print Shop.** Turn your computer into a personal print shop, with professional looking results. Design and print signs, announcements, letterheads, birthday cards and flyers with a variety of borders, graphics and background patterns. Choose from dozens of pictures and symbols, plus a variety of type fonts and sizes. Graphics library includes an assortment of 140 symbols and patterns. **25-1304 . . . 54.95**



# Tandy 1000 Software for Education & Fun

Revolving Credit  
Available  
See Page 3

## Fantasy Quest



NEW  
FOR **89**  
**44<sup>95</sup>**

**King's Quest IV.** Travel with Rosella, the beautiful princess and heroine. Journey to a town far away. Search for the enchanted fruit that will save her father. 25-1231, 44.95

## Robot Battle



**29<sup>95</sup>**

**NEW LOW PRICE! Thexder.** Do battle with enemy robots on the planet Nedium. Use hi-tech weaponry and hyper-duel armor. Was \$34.95 in Cat. 419. 25-1183, 29.95

## Flight Drama



NEW  
FOR **89**  
**44<sup>95</sup>**

**NEW! Flight Simulator 3.0.** Puts you through the paces of a top-gun. On-screen flight instruction guides you through numerous techniques. 25-1215 . . . . . 44.95

## Sports Action



NEW  
FOR **89**  
**34<sup>95</sup>**

**GFL Championship Football.** GFL Football gives you an in-helmet perspective of America's gridiron sport. Sixty minutes of hard-hitting action. 25-1230 . . . . . 34.95

## We Have Games for You—From Science Fiction to TV Game Shows

**NEW! Future Magic I: The Sentinel Worlds.** Savage raids are being conducted on Federation transports. You must end these raids and find the source of aggression. Look for clues on the frozen world of Ceyjavik. 25-1235 . . . . . 44.95

**NEW! Official TV Game Show.** Play TV's popular word game show complete with music, wheel and great word teasers. Or sharpen your wit with Jeopardy. Special bonus offer includes two editions of Wheel of Fortune. 25-1239 . . . . . 29.95

**F-15 Strike Eagle.** Pilot an F-15 fighter and fly into real-life combat situations where your skills make the difference between victory and defeat. Designed and tested by real fighter pilots. 25-1125 . . . . . 34.95

**New Low Price! Earl Weaver's Baseball.** It's America's grand ol' game for the computer—and you're the manager! Challenge a friend, or pit yourself against the legendary Earl Weaver himself. Was \$39.95 in RSC-19. 25-1182 . . . . . 35.95

**NEW! Chuck Yeager's Advanced Flight Trainer.** Climb into the cockpit with the greatest test pilot of them all—Chuck Yeager. Learn the basics of flying, from Cessnas to mach-speed aircraft. Good flying! 25-1196 . . . . . 35.95

**NEW! Police Quest.** Trek into an underworld of vice, drug smuggling and homicide—as well as city bureaucracy and traffic violations. A true story based on the experiences of a 15-year veteran police officer. Contains real-life police simulations—parental guidance is advised. 25-1229 . . . . . 39.95

**NEW! Space Quest II.** A more dastardly scheme was never contrived! Xenon is under invasion by hordes of pushy insurance salesmen sent by the evil Sludge Vohaul, and they won't take "No" for an answer! Once more you are called upon to save your planet. 25-1220 . . . . . 39.95

**New! Gunship.** Climb into the cockpit of the AH-64 Apache-GUNSHIP, America's most advanced helicopter! It's up to you to lock onto the enemy and destroy him—before he destroys you! Learn advanced helicopter piloting techniques. 25-1219 . . . . . 44.95

## Tandy 1000 Programs for Education and Skills Development

**The FUNDamentals.** Experience the FUNDamentals of computer hardware, software, DOS concepts and commands, DeskMate, and much more in an interactive game environment.

**New Low Price! For Tandy 1000 HX/TX.** Was \$29.95 in RSC-19. 25-1186 . . . . . 24.95

**NEW! For Tandy 1000 TL.** 25-1233 . . . . . 19.95

**NEW! For Tandy 1000 SL.** 25-1236 . . . . . 19.95

**New Low Price! Where in the World is Carmen Sandiego?** The City awakens to find the Statue of Liberty's torch stolen! Pursue the thief on a worldwide chase. 25-1151 . . . . . 34.95

**New Low Price! Typing Tutor IV.** Automatically adjusts to personal abilities and progress. 25-1188 . . . . . 44.95



**NEW! Speller Bee.** Helps children improve their spelling skills. Children create 32 spelling lists with each list containing 10 words up to fifteen letters. Speller Bee contains 150 words each at a different level of difficulty. Ages 5-10. 25-1232 (Avail. 10/30/88) . . . . . 34.95

**Term Paper Writer.** A fantastic tool for organizing and writing term papers. Simplifies the process of note taking, organizing ideas, outlining information, footnoting and compiling bibliographies. Uses Turabian, APA or MLA styles. Includes spell checker. 25-1154 . . . . . 49.95

**NEW! Lovejoy's Preparation for the SAT.** Includes two practice exams, 25 separate practice modules, extensive help screens, scratchpad and four-function calculator. 25-1189 . . . . . 44.95



**NEW! The Children's Writing & Publishing Center.** Bring out the young author in your child. Children create and print their own stories, letters, assignments, reports and other manuscripts. 25-1237 . . . . . 54.95

**NEW! Reader Rabbit.** Four animated games help develop fundamental reading and spelling skills. Ages 5-10. 25-1216 . . . . . 44.95

**NEW! Writer Rabbit.** Children learn to complete sentences and stories. Each game develops important reading comprehension skills while developing writing skills. Ages 5-10. 25-1217 . . . . . 44.95

**NEW! Math Rabbit.** Four games teach children how to add and subtract one- and two-digit numbers, and recognize number patterns and relationships. Ages 5-7. 25-1218 . . . . . 34.95

## New Tandy 1000 Programs to Test and Develop Your Skills

**NEW! Math Blaster Plus.** Over 750 basic math problems covering Addition, Subtraction, Multiplication, Division, Fractions, Decimals and Percents. Builds accuracy, problem-solving skills and confidence. Ages 6-11. 25-1200 . . . . . 44.95



**44<sup>95</sup>**



**NEW! The Music Studio 3.0.** Complete music composition and editing tool. MIDI out with 16 channels. A musical word processor. (Available 10/30/88.) 25-1234 . . . . . 79.95



**79<sup>95</sup>**

**NEW! Deluxe Paint.** Unleashes the artist in everyone! Designed to take advantage of Tandy's extended CGA mode. Flips, rotates, raises and bends any image or text. Has automatic gradient blending of colors. 25-1306 . . . . . 49.95



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

DeskMate/Reg. TM and Varsity SCRIPSIT and Quartet/TM Tandy Corp. HomeWorld II/TM Sierra On-Line. MemoryMate and The Print Shop/TM Broderbund. Quicken/TM Intuit. PC-Link/TM Quantum Computer Services. Venture/TM Star Software Systems. Microsoft Works/TM Microsoft Corp. Instant Pages/TM Electronic Arts. Print Power and AwardWare/TM Hi-Tech Expressions. Print Magic/TM EPYX. King's Quest IV, Police Quest and Space Quest II/TM Sierra On-Line. Flight Simulator 3.0/TM Microsoft. Gunship and F-15 Strike Eagle/TM MicroProse. GFL Championship Football/TM Gamestar. Future Magic: The Sentinel Worlds, Chuck Yeager's Advanced Flight Trainer and Earl Weaver's Baseball/TM Electronic Arts. Official TV Game Show/Copyright ShareData, Inc. (1987). FUNDamentals/TM Digital Learning Systems. Where in the World is Carmen Sandiego?/TM Broderbund Software. Typing Tutor IV and Lovejoy's SAT/TM Simon & Schuster. Speller Bee/TM First Byte. Term Paper Writer/TM Personal Choice Software. Reader Rabbit, Writer Rabbit and Math Rabbit/TM The Learning Company. Math Blaster Plus/TM Davidson. The Music Studio/TM Activision. Thexder/TM Game Arts.



# Latest Edition! DeskMate Integrated Software

**Now With Ten Easy-to-Use Programs! Get Right to Work the Very First Day!**

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

Low As  
\$15 Per Month\*

NEW  
FOR **89**



**Schedule Events  
and Appointments**



**Track Addresses  
and Phone Numbers**



**Access PC-Link  
Online Service**



**Create Your Own  
Graphic Designs**



**Learn How to  
Use a Computer**



**Verify Your  
Spelling**

- Included with the Tandy 1000 SL and TL at No Extra Charge
- Available Separately for Tandy and Other PC Compatibles
- Includes Text, Worksheet, Filer, Form Setup, PC-Link™, Phone Accessory, Calendar, Address Book, Draw and More
- Written in "Plain English"—Not in "Computerese"
- Handy Pull Down Menus and Helpful Dialogue Boxes
- Use with the Keyboard or a Mouse
- Supports Standard Video Modes

**DeskMate®.** Put your computer to work the very first day with a variety of practical applications. This latest version of our popular DeskMate software lets you write, organize, budget, schedule events and much more! And since the same commands are used throughout, all applications function in a similar manner. And for even easier operation, you can add a mouse for "point and click" convenience. With Text, you'll find an easy-to-use text entry and editing system. Some of the features include a spelling checker, headers, footers, boldface and underline! You can merge the information from the Address Book to add that personal touch to form letters or just print mailing labels. Calendar lets you schedule appointments and keep track of important annual events such as birthdays and anniversaries. Once the annual event is entered, it will automatically appear in Calendar each year. DeskMate also has built-in help, and three separate tutorials to help you get started. Also included is PC-Link™, an innovative and informative on-line service that helps you maximize the power of your personal computer. With PC-Link and an optional modem, you can chat live with PC owners from

around the country, pose questions to leading software publishers and get fast, direct answers. A modem also lets you take advantage of the Phone Accessory program. No matter where you are within DeskMate, you can quickly look up and automatically dial important phone numbers! The Draw application allows you to cut, copy and paste clip art into text documents as well as flip, rotate and zoom in on your work. Worksheet gives you a simple 99-row by 99-column spreadsheet. With Filer and Form Setup, you can create a personal database to keep track of a home inventory, recipes, an audio or video tape library and other listings. And for the pure fun of it, you can test your skill with the Hangman word game. The DeskMate desktop is fully configurable and allows you to easily run all of the DeskMate applications listed above, plus those from other software publishers that incorporate the DeskMate User Interface (see pages 176-177). And for use in a workgroup, add the DeskMate Workgroup Companion (see below). With DeskMate, home and office productivity is easy!

25-1250 ..... 99.95

## DeskMate Workgroup Companion Puts PCs on Speaking Terms

The DeskMate Workgroup Companion gives individual users the tools they need for personal productivity, and, when interconnected through a Tandy-Link or 3Com workgroup, also gives users the ability to share information throughout the office. Workgroup Companion enhances DeskMate with an alarm function that reminds you of important dates and times. Talk allows you to communicate immediately with other users in the workgroup, while Forum invites comments and helps create action items. Other applications include Mail Bridge, a step-saving mail "transport" system, and Task Switch, which allows TandyLink and other network software to coexist in harmony. The Telephone Central gives you a message center and shared "in/out" board. The only software requirements are a copy of DeskMate (25-1250) at each station. Two computers can be connected using ordinary RS-232 cable. It's also easy to connect workgroups with more than two computers—just add TandyLink boards and connecting cable. DeskMate Workgroup Companion works on 3Com workgroups without any additional equipment.

**Workgroup Companion. 25-1251 ..... 149.95**

**TandyLink Board Plus. For Tandy 1000 HX/EX. 26-5602 ..... 119.95**

**TandyLink Board PC. For all other Tandy PC-compatibles. 26-5601 ..... 119.95**

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PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS



**Transfer Memos,  
Update Schedules . . .**



**. . . From Office  
to Office**



# Tandy 1000 Upgrade and Expansion Items

\*Revolving Credit  
Available  
See Page 3

## Memory Boards and Kits for Greater Power

**Memory PLUS Expansion Adapter.** Expands your Tandy 1000 EX/HX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K using Memory Kit (25-1079) below. Also provides connectors for the addition of two PLUS Upgrade Boards.

25-1062 ..... 149.95

**New! 256K Memory Kit.** Adds 256K to Memory PLUS Expansion Adapter (above) or expands Tandy 1000 SX from 384K to 640K. Contains eight 256K x 1 drams. 25-1079 ..... 129.95

**New! 128K Memory Kit.** Upgrades Tandy 1000 TX/TL from 640K to 768K and Tandy 1000 SL from 384K to 640K (requires two kits). Contains four 64K x 4 drams.

25-1078 ..... 69.95

## Run MS-DOS and Apple® IIc Software on Your Tandy 1000 With TRACKSTAR 128

### 399<sup>95</sup>

Low As \$20 Per Month\*



**TRACKSTAR 128.** Now you can run Apple IIc educational and game software on your Tandy 1000 SX or TX computer with the TRACKSTAR 128 adapter. Imagine having the best of both worlds in one computer. Thousands of Tandy 1000s with the TRACKSTAR adapter are used in schools where they provide instructional support on MS-DOS and Apple IIc software. Supports the use of Apple joysticks or game port devices such as Muppet Learning Keys. Installation required (not included). Special order may be required. 25-1028 ..... 399.95

\*Tandy 1000 TX and TL require 5 1/4" disk drive (not included). Apple and Apple IIc/Reg. TM Apple Computer, Inc. Muppet Learning Keys/TM Henson Associates, Inc. available from Sunburst Communications.

## Enhance Your System Communications



Low As **99<sup>95</sup>** Low As \$15 Per Month\*

See Page 175 for Descriptions

**New! 2400-bps Half Card Modem.**  
25-1037 ..... 179.95

**1200-bps PLUS Style Modem.**  
25-1018 ..... 99.95

**1200-bps Half-Card Modem.**  
25-1013 ..... 99.95

## Add 80286 Speed to Your Tandy 1000

Get 80286 Power on a Half-Slot Accelerator Card **399<sup>95</sup>** Low As \$20 Per Month\*

**286 Express Upgrade Board.** Upgrades the original Tandy 1000/1000A/1000 SX to the power of the 80286 microprocessor. Increases performance from 200 to 600 percent. You'll increase productivity in graphics, database searches, windowing and other applications. The 80286 card runs at 7.2 MHz and features 8 Kb of cache memory, an optional 80287 math coprocessor and direct memory access compatibility. Selectable 80286/8088 modes. Original Tandy 1000 requires AXX-7130, \$39.95. Special order required. 25-1035 ..... 399.95

## Keyboard Expansion Options



Keyboard Only

### 119<sup>95</sup>

Low As \$15 Per Month\*

**Universal Keyboard Adapter.** Connect an enhanced 101-key keyboard or IBM PC compatible keyboard to a Tandy 1000/SX/TX. Special order required. 25-1030 ..... 99.95

**101-Key Enhanced Keyboard.** Requires 25-1030 for use with Tandy 1000s. 25-4038 ..... 119.95

**5' Keyboard Extension Cable.** For 1000/1000 SX/TX. 26-1389 ..... 14.95

## Tandy 1000 EX/HX PLUS Upgrade Boards

**New! PLUS RS-232 Serial Interface.** Connects serial devices like a mouse or modem. DB25 F connector. 25-1031 ..... 59.95

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

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

## Simplify Cursor Control



(1) Logitech Serial Mouse.

3 Buttons with DB9F Connector. 26-1199 ..... 99.95

3 Buttons with DB25M Connector. 26-1200 ..... 99.95

(2) Tandy Serial Mouse. Microsoft compatible serial mouse plugs into any DB9M serial port. 25-1040 ..... 49.95

Serial Port Adapter DB25 male to DB9 male. 26-1388 ..... 7.95

(3) Deluxe Color Mouse. 26-3125 ..... 49.95

(4) New! Mouse Pad. 9 3/8 x 7 7/8" in size. 26-237 ..... 6.95

## Time/Date in a Chip

### 39<sup>95</sup>

User Installable

**SmartWatch.** A perpetual clock calendar with battery backup in a chip. Plugs into the BIOS ROM socket of most PCs. For Tandy 1000 HX/SX/TX/SL. User installable in most PCs.

25-1033 ..... 39.95

## Joystick Action

### 29<sup>95</sup>



**Deluxe Joystick.** Gives accurate cursor control, adds excitement to programs. For all Tandy 1000 computers. 26-3012 ..... 29.95

## Handy Reference Guides



**Learning BASIC for Tandy 1000.** By Dr. David Lien.

25-1500 ..... 19.95

**MS-DOS: The Basics, Vol. 1.** 25-1506 ..... 7.95

**MS-DOS: Advanced Applications, Vol. 2.** 25-1507 ..... 14.95

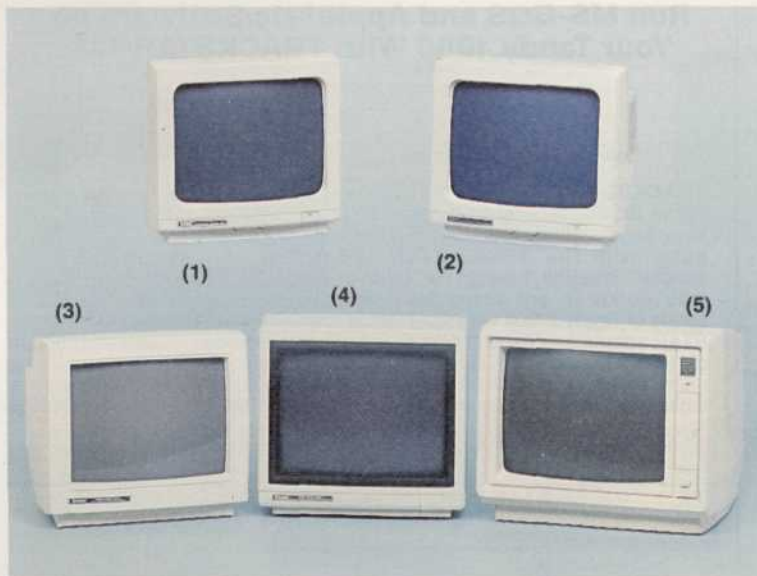
**MS-DOS/GW-BASIC Reference Guides.** 25-1508 ..... 29.95

**Graphics and Sound for the Tandy 1000.** 25-1512 ..... 7.95

See Page 71 for more information on books.



# Tandy 1000 Monitors, Drives And Accessories



## Monochrome and Color Monitors

- (1) **VM-4 Monochrome Monitor.** 12" screen displays 80 x 25 text, 640 x 200 graphics. For 1000 HX. 25-1020 ..... 129.95
- (2) **VM-5 High-Resolution Graphics Monochrome Monitor.** 12" screen displays 80 x 25 text, 720 x 350 graphics. For 1000 SL/TL. 25-3011 ..... 149.95
- (3) **CM-5 RGBI Color Monitor.** 13" screen displays 80 x 25 text, 320 x 200 graphics. For all Tandy 1000s or Tandy 1400 LT. 25-1043 ..... 299.95
- (4) **CM-11 High-Resolution RGBI Color Monitor.** 13" screen displays 80 x 25 text, 640 x 200 graphics. For all Tandy 1000s or Tandy 1400 LT. 25-1024 ..... 399.95
- (5) **EGM-1 Enhanced Graphics Monitor.** High-resolution monitor (640 x 200 or 640 x 350) displays text and graphics in 16 of 64 colors. Designed for use with software that supports standard EGA graphics. Requires Enhanced Graphics Adapter (25-3048). 25-4035 ..... 699.00
- New! Monitor Extension Cable.** 6' shielded. For VM-5, CM-5, CM-11 and EGM-1 monitors. 26-257 ..... 14.95

## New! EGA High-Resolution Video Adapter

**EGA/CGA Graphics Adapter.** Get 640 x 350, 16-color enhanced graphics on our EGM-1 monitor or 720 x 350 Hercules graphics on the VM-5 Monochrome Monitor. Includes 256K video memory. For 1000 SX/TX/SL/TL. 25-3048 ..... 249.95

## Add a Hard Disk or Floppy Disk Drive to Your Computer System

### 20- and 40-MB Hard Disk Cards



Low As  
**599<sup>00</sup>**  
NEW FOR 89

Low As  
\$30 Per Month\*

- User-Installable 20- and 40-Megabyte Hard Disk Card
- Adds 20 or 40 Megabytes Storage
- Easiest Way to Add Hard Disk Power
- Mounts in 10" Card Slot

**20-Megabyte Hard Disk Card.** For the Tandy 1000, Tandy 3000 HL, IBM PC or PC compatible. Comes with a thorough installation manual and special installation software.

25-1032 ..... 599.00

**40-Megabyte Hard Disk Card.** Get 40 megabytes of hard disk storage for your Tandy 1000s/3000/4000 or PC Compatible on a user-installable card. Includes manual and software for easy installation. The easy way to get hard disk power for your computer system. 25-4059 ..... 799.00

### Add an External Hard Disk Drive



**699<sup>00</sup>** Low As  
\$40 Per Month\*

- Alternative Expansion Option
- Allows Greater Data Storage

**20-Megabyte External Hard Disk Drive.** (Cable Kit and installation required for secondary unit.) Requires Hard Disk Controller Board (25-1007).

25-1041 ..... 699.00

**Hard Disk Controller Board.** For Tandy 1000 SX/SL and original Tandy 1000 only. Allows you to add hard disk drives for up to 40 million characters of storage. Includes cable for use with 10 or 20-megabyte hard disks.

25-1007 ..... 299.95

180

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

Low As  
**249<sup>95</sup>**

- Expand the Power of Your Computer With an External Drive
- Allows Your Tandy Computer to Store More Information



**5 1/4" 360K External Disk Drive for Tandy 1000 EX/HX.** Adds 360,000 characters of disk storage. Makes backing up diskettes much easier.

25-1060 ..... 249.95

**3 1/2" 720K External Disk Drive for 1000 EX/HX.** Provides twice the storage of a 5 1/4" drive and uses smaller, more durable diskettes. Special features in the Tandy 1000 EX allow you to store programs on this disk drive and load them directly.

25-1061 ..... 279.95

### Internal Floppy Disk Drive Kits

**169<sup>95</sup>** Low As \$15 Per Month\* Choose 3 1/2" or 5 1/4" Drives

**5 1/4" 360K Disk Drive Kit.** Mounts internally. Installation recommended (not included). For Tandy 1000 SX/TX/SL/TL. 25-1063 ..... 169.95

**3 1/2" 720K Disk Drive Kit.** For use with Tandy 1000 HX (installation recommended). Or use in Tandy 1000 SX/TX/SL with Adapter Kit (25-1066, below). 25-1065 ..... 169.95

**3 1/2" to 5 1/4" Adapter Bracket for 3 1/2" Disk Drive Kit.** (For use with 25-1065 only.) 25-1066 ..... 29.95

**New! Internal 3 1/2" 720K Floppy Disk Drive.** For the Tandy 1000 TL. 25-1075 ..... 169.95

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS



# Fast-Loading Tandy 1000 HX Computer

\*Revolving Credit  
Available  
See Page 3

**Our Lowest Priced  
PC-Compatible!  
Easy to Use—  
Perfect for  
Home and School**

**699<sup>00</sup>**

Low As \$35 Per Month\*  
TSP Available

Monitor, platform and mouse  
not included



- **MS-DOS® in ROM—You Can Load Without Diskettes!**
- **Includes Personal DeskMate™ 2 With Seven Applications**
- **Features 8088-2 Microprocessor With Switchable 7.16/4.77 MHz Clock Speed**
- **Built-In 3 1/2" 720K Disk Drive ■ 256K**
- **Software Compatible With the IBM® PC—Choose From Thousands of Popular Software Programs**
- **Internally Expandable With PLUS Expansion Boards and Second Disk Drive**

**Tandy 1000 HX.** An affordable PC with deluxe features! MS-DOS (in ROM) loads automatically in seconds—just insert your program diskette and you're ready! (With conventional PCs, you insert the MS-DOS operating system diskette, wait for it to load and then remove the diskette—all before you load your program diskette.)

It's the ultimate in ease of use for first-time users, the ultimate in time-saving convenience for experienced users!

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

The Tandy 1000 HX is loaded with many features and conveniences that you would normally have to pay extra for. You will be able to plug in joysticks, RGB color monitor, or a printer without buying extra-cost adapters. There's even a 3-voice sound circuit for music generation through the built-in speaker or headphone jack with volume control—a great asset in the home or classroom.

Your first program is included—Personal DeskMate 2 seven-in-one software. Personal DeskMate 2 is an easy to use, integrated program with a 16-color PAINT program which lets you create drawings and designs, and a MUSIC program that lets you enter and play back songs of your choice. TEXT is a word processor for preparing correction-free letters, school papers and reports. WORKSHEET is an electronic spreadsheet that is ideal for keeping a running budget. FILER is a very simple filing system for storing information like mailing lists, birthdays, etc. There is also a COMMUNICATIONS program\* and a CALENDAR, to remind you of those important dates.

**25-1053 . . . . . 699.00**

\*Communications require modem. Personal DeskMate 2 requires 80-column monitor. MS-DOS/Reg. TM Microsoft Corp. IBM/Reg. TM IBM Corp.

## Popular Tandy 1000 HX Accessories\*

**CM-5 Color Monitor.** As seen in photo (above). **25-1043 . . . . . 299.95**

**New! Monitor Platform.** As seen in photo (above). **26-1329 . . . . . 19.95**

**Memory PLUS Expansion Adapter.** For Tandy 1000 HX/EX. Expands your Tandy 1000 HX/EX to 384K and adds DMA circuit to speed up computer operations. Sockets allow addition of another 256K. Also provides connectors for the addition of two PLUS Upgrade Boards. **25-1062 . . . . . 149.95**

**Deluxe Color Mouse.** As seen in photo (above). **26-3125 . . . . . 49.95**

**3 1/2" 720K Internal Disk Drive.** Installation recommended (not included). **25-1065 . . . . . 169.95**

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

**MS-DOS 3.2 Upgrade.** Floppy only (special order required). **25-1170 . . . . . 29.95**

**The FUNDamentals HX/TX.** **25-1186 . . . . . 24.95**

## Specifications

**Microprocessor:** 8088-2. **Clock Speed:** 7.16/4.77 MHz, software selectable. **Operating System and Included Software:** Microsoft MS-DOS 2.11 (in ROM), GW-BASIC and Personal DeskMate 2. **Memory:** 256K RAM (expandable to 640K). Includes 128K ROM and 256 bits EEPROM with MS-DOS resident, BIOS, Diagnostics, System Configuration and User Interface. **On Board Video Support:** Text: 80 or 40 characters per line by 25 lines. **Graphics:** CGA compatible with enhancements; 640 x 200 pixels, 4 color; 320 x 200 pixels, 16 color. **Disk Drives:** One, double-sided, double-density 3.5" 720K (formatted) floppy disk drive. **Keyboard:** Integral 90-key sculptured keypad. Twelve programmable Function keys. **Internal Expansion:** Second 3.5" 720K disk drive. One "PLUS" style expansion board or two "PLUS" style expansion boards when used with Memory PLUS Expansion Adapter (25-1062). **Clock/Calendar** (25-1033). **External Connectors:** 5 1/4" 360K or 3 1/2" 720K external drive, parallel port, composite video out, 1/8" headphone jack with volume control, two joysticks, RGBI Color Monitor. AC outlet. **Dimensions:** 3 1/4 x 17 x 14 1/2". **Shipping Weight:** 19 lbs. **Power:** Input: 120 VAC, 50/60 Hz. Output: 25 watts. UL listed. **Certification:** FCC Class B.

\*SEE PAGES 179 & 180 FOR OTHER TANDY 1000 OPTIONS



# Now Both MS-DOS® and DeskMate® are Built In!



Monitor and mouse  
not included.

## Tandy 1000 SL Includes Programs in ROM, Plus Enhanced Video and Sound

NEW  
FOR **89**

**899<sup>00</sup>**

Low As \$45 Per Month\*

Tandy Service Plan Available

- Fast 8086 Processor (8/4 MHz Clock Speed)
- MS-DOS and DeskMate Built Into ROM—Loads Without Diskettes
- Designed for Maximum Ease of Use—Never Deal with Cryptic MS-DOS "A)" Prompts
- One Built-In 5 1/4" 360K Disk Drive
- Software Compatible with the IBM PC—Choose From Thousands of Programs
- Enhanced Sound and Speech Capabilities Allow You to Record and Listen to Voice or Music
- Enhanced 101-Key Keyboard ■ 384K RAM

**Tandy 1000 SL.** A new ergonomic design for 1989! With an 8086 microprocessor the Tandy 1000 SL lets you run virtually all of your industry-standard MS-DOS software much faster. And with MS-DOS 3.3 and DeskMate built into ROM, you'll be up and running in seconds! The Tandy 1000 SL even "remembers" your system configuration—number of drives, type of monitor, etc.—each time you turn it on.

DeskMate features ten popular applications that will let you write letters, prepare budgets, simply file information away for later use or draw colorful pictures. There's also a spell checker, address book, Hangman word game and PC-Link™ on-line service. As an added bonus with the Tandy 1000 SL, you will be able to compose and play back songs—and by using DeskMate's sound editor with an optional microphone (33-1060), you will be able to record and edit music, voice or other sound effects onto your 5 1/4" diskettes, then play them back at your convenience. It's almost like having an audible notepad. And with the built-in headphone jack with volume control, you will not disturb others with your recordings. (Refer to page 178 for more information on DeskMate.)

The built in video supports monochrome text, Hercules® monochrome graphics and CGA color graphics with enhancements. The Tandy 1000 SL comes with an enhanced 101-key keyboard, 384K RAM (expandable to 640K), a 5 1/4" 360K disk drive and five user-accessible expansion slots. Add a second internal disk drive (5 1/4" or 3 1/2")—it's easy to expand with the Tandy 1000 SL. Finally, the options you'd expect to pay extra for are also included: an RS-232 serial port, parallel printer adapter, two joystick adapters, a color and monochrome graphics adapter, and MS-DOS 3.3/GW-BASIC software. The Tandy 1000 SL is a full-featured personal computer that's right for your family or the classroom, and easy on your budget, too. **25-1401** ..... **899.00**

## Popular 1000 SL Accessories\*

- CM-11 High-Resolution RGBI Color Monitor.** As seen in photo. **25-1024** ..... **399.95**
- Tandy Serial Mouse.** As seen in photo. Perfect for use with DeskMate. **25-1040** ..... **49.95**
- 5 1/4" Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). **25-1063** ..... **169.95**
- 20-Megabyte Hard Disk Card.** **25-1032** ..... **599.00**
- SmartWatch.** Installation recommended (not included). **25-1033** ... **39.95**

\*See Pages 179 and 180 for Other Accessories.

## Specifications

**Microprocessor:** 8086. Optional 8087 Math Coprocessor. **Clock Speed:** 8/4 MHz (Software Selectable). **Included Software:** Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate. **Memory:** 384K RAM (expandable to 640K, using 8 64K x 4 dram). EMS memory available through optional expansion boards. Includes 512K ROM and 1024 bits EEPROM for system configuration. **On Board Video Support:** Text: MDA or CGA compatible, 80 or 40 characters per line by 25 lines. Graphics: Hercules (720 x 348 pixels). CGA compatible with enhancements (640 x 200 pixels, 16-color and 4-color; 320 x 200 pixels, 16-color). **Display Options:** Monochrome: High resolution monitor (VM-5, green). Color: 14" RGB Color Monitor (CM-5 or CM-11). **Sound:** Built-in 8 bit bi-directional DAC for sound and speech generation including internal speaker, 1/8" external stereo headphone jack with volume control and 1/8" microphone input jack. **Disk Drives:** One double-sided, double density 5.25" 360K (formatted) floppy disk drive. Expandable to support second floppy drive (5.25" or 3.5") and 1 hard disk card. **Keyboard:** 101-key Enhanced keyboard with tactile feedback. **Internal Expansion Slots:** 5-10" IBM PC Bus compatible (8-bit) card slots. User accessible. **External Connectors:** Parallel Printer Port, RS-232 Serial Port (9-pin male), 2 joystick ports, 1/8" Mic in and 1/8" stereo headphone out. **Internal Clock:** Optional SmartWatch (25-1033). **Dimensions (H x W x D):** 5.1 x 15.5 x 13.1" **Weight (Shipping):** 33 lbs. **Power Supply:** Input: 120VAC, 50/60 Hz. Output: 67 Watts. UL listed. **Certification:** FCC Class B. IBM/Reg. TM IBM Corp. DeskMate Plus/TM Tandy Corp.



# High-Speed 286-Based Tandy 1000 TL

\*Revolving Credit  
Available  
See Page 3

**We've Made it Easy to  
Get Right to Work—  
DeskMate and MS-DOS®  
Built Into ROM**

NEW  
FOR **89**

**1299<sup>00</sup>**

Low As \$60 Per Month\*

Tandy Service Plan Available

- Powerful 8 MHz 80286 Microprocessor
- Comes with 640K RAM
- Automatically Loads MS-DOS and DeskMate Without Diskettes
- Built-in 3 1/2" 720K Disk Drive
- Software Compatible with the IBM PC—Choose From Thousands of Programs
- Enhanced Sound and Speech Capabilities Let You Record and Listen to Voice or Music
- Built-in Real-Time Clock and Calendar
- Enhanced 101-Key Keyboard



Monitor and mouse  
not included.

**Tandy 1000 TL.** A powerful new computer for personal and business use. The 80286 microprocessor gives you greater processing power than ordinary PCs—you'll fly through your applications!

The Tandy 1000 TL is outfitted with a 3 1/2" disk drive, ready to use MS-DOS software on durable, pocket-size diskettes. There are also slots for an additional 3 1/2" drive and a 5 1/4" drive—so you can choose the expansion options best suited to your needs. The 640K RAM ensures plenty of power for even the most sophisticated programs. And the enhanced 101-key keyboard makes using your programs a breeze. You'll also find the graphics capabilities of the Tandy 1000 TL exceptional. The built-in video supports monochrome text, Hercules monochrome graphics, and CGA color graphics with enhancements.

The outstanding sound and speech capabilities of the Tandy 1000 TL will generate new life into programs. Using the sound editor in DeskMate and an optional microphone (33-1060), you'll be able to record voice, music, sound effects—any analog audio source—onto 3 1/2" diskettes. And there's a built-in headphone jack with volume control for private listening.

The Tandy 1000 TL includes MS-DOS 3.3 and DeskMate built into ROM, so you'll be up and running in seconds! DeskMate features ten popular applications that will let you write text, create spreadsheets and databases, file data—even draw colorful pictures. And as a special bonus with the 1000 TL, you can even compose and play back songs with the additional music and sound editor applications. It also includes an address book, spell checker, Hangman and PC-Link™ on-line service. (See page 178 for more information on DeskMate.) A parallel printer adapter, RS-232 serial port and two joystick ports are included at no extra charge. And with five expansion slots, it's easy to expand the Tandy 1000 TL to meet your needs.

25-1601 ..... **1299.00**

## Popular 1000 TL Accessories\*

- CM-11 High-Resolution RGBI Color Monitor.** As seen in photo. 25-1024 ..... **399.95**
- Tandy Serial Mouse.** As seen in photo above. Perfect for use with DeskMate. 25-1040 ..... **49.95**
- NEW! 3 1/2" Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). 25-1075 ..... **169.95**
- 5 1/4" Floppy Disk Drive Kit.** Mounts internally. Installation recommended (not included). 25-1063 ..... **169.95**
- 20-Megabyte Hard Disk Card.** 25-1032 ..... **599.00**

\*See Pages 179 and 180 for Other Accessories.

## Specifications

**Microprocessor:** 80286. Optional 80287 Math Coprocessor. **Clock Speed:** 8/4 MHz (Software Selectable). **Included Software:** Microsoft MS-DOS 3.3 (in ROM), GW-BASIC and DeskMate. **Memory:** 640K RAM (expandable to 768K, 640K for MS-DOS and 128K for Video). EMS memory available through optional expansion boards. Includes 512K ROM and 1024 bits EEPROM for system configuration. **On Board Video Support:** Text: MDA or CGA compatible, 80 or 40 characters per line by 25 lines. Graphics: Hercules (720 x 348 pixels). CGA compatible with enhancements (640 x 200 pixels, 16-color and 4-color; 320 x 200 pixels, 16-color). **Display Options:** Monochrome: High resolution monitor (VM-5, green). Color: 14" RGB Color Monitor (CM-5 or CM-11). **Sound:** Built-in 8 bit bi-directional DAC for sound and speech generation including internal speaker, 1/8" external stereo headphone jack with volume control and 1/8" microphone input jack. **Disk Drives:** One double-sided, double density 3.5" 720K (formatted) floppy disk drive (1" in height). Expandable to support 3 floppy drives (2-3.5" and 1-5.25") and 1 hard disk card. **Keyboard:** 101-key Enhanced keyboard with tactile feedback. **Internal Expansion Slots:** 5-10" IBM PC Bus compatible (8-bit) card slots. User accessible. **External Connectors:** Parallel Printer Port, RS-232 Serial Port (9-pin male), 2 joystick ports, 1/8" Mic in and 1/8" stereo headphone out. **Internal Clock:** Realtime clock/calendar with battery backup. **Dimensions (H x W x D):** 5.1 x 15.5 x 13.1". **Weight (Shipping):** 33 lbs. **Power Supply:** Input: 120VAC, 50/60 Hz. Output: 67 Watts. UL listed. **Certification:** FCC Class B.

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