

POPULAR TANDY 2000 SOFTWARE

Word Processing

MultiMate

Actually duplicates the features of dedicated word processors. It's packed with over 100 features and functions, most of which can be accessed with just one or two keystrokes. You can edit one document while printing others and create form letters and mailing lists. You can even create documents from the ASCII files of another program. Includes a spelling verifier/corrector from Houghton-Mifflin containing over 77,000 words. Performs addition and subtraction on numerical data contained within your text. Includes a superb manual with training lessons to get you started in a hurry.

Tandy 2000. 26-5330 249.95

pfs:write

Easily create reports, letters and memos with advanced editing features and page headings and footers, centered text, right or left justification and more. The monitor displays bold-face and underlined text. Best of all, pfs:write can use information stored in pfs:file to personalize form letters and even address the envelopes. Documents can be illustrated with charts created by pfs:graph or tables from pfs:report.

Tandy 2000. 26-5309 140.00

Database Management

pfs:file

A very simple way to create and organize your own business or personal filing system. You decide how your records are to appear by simply organizing information in "forms" that you design right on the display screen. Store, retrieve and review information in a fraction of the time it would take with a conventional filing system.

Tandy 2000. 26-5305 140.00

pfs:report

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

Tandy 2000. 26-5306 125.00

dBASE III

An improved version of dBASE II makes dBASE III one of the most powerful and versatile data base management programs ever! "Assist" feature gives you a menu-driven "shell" that helps you learn the command functions—it practically teaches you the system as you go along. You can quickly create a full business information system that will grow as you grow. Files are easy to create, sort, retrieve and edit. And you can even perform complex mathematical calculations within a file. Maximum 4000 characters per field permits large text files. Other improvements over dBASE II include: maximum record capacity has been increased from 65,000 to 1 billion, 128 fields are allowed in a record as opposed to 32, up to 10 databases can be open at one time, numerical precision has been increased to 15.9 digits, (conforming to IEEE floating point standards), 256 memory variables are now allowed—an increase from 64, databases can contain as many as 2 billion bytes, and up to 16 files can be open at once.

Tandy 2000. 26-5353 695.00

Integrated Software

Framework

This program doesn't just process numbers—it processes ideas. Combines word processing, spreadsheet analysis, data management, graphics and telecommunications. Each operation is placed in a "frame" that separates it from the rest of the program. Each frame is automatically placed in an outline form, which you can modify or rearrange at any time. In other words, you can jot down notes or ideas in one frame, then create sub-frames which contain databases, spreadsheets,

graphics and reports which relate to these basic ideas. Framework also utilizes a "desktop" format that lets you view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. A built-in language lets you perform specialized operations automatically. Requires 384K.

Tandy 2000. 26-5320 695.00

Symphony

Combines word processing, spreadsheet, communications, data base management, graphics and more. Symphony lets you call up information from your files, a subscription data base service, other personal computers or a mainframe, directly onto your worksheet. Then use the data to perform "what if . . . ?" calculations. You may then draw a graph of the results. On-screen "Help". Requires 512K and graphics.

Tandy 2000. 26-5304 695.00

SuperCalc 3

Combines an advanced electronic spreadsheet with high-resolution integrated graphics and data management. Create line, bar and stacked bar graphs, pie and exploded pie charts, and even X-Y Hi-Lo and area graphs using single-keystroke commands. Spreadsheet gives you 63 columns and 254 rows, along with calendar and date calculation, and multiple storing options. Command sequences called "macros" simplify often-used operations. Data base management module is based on the spreadsheet model. Requires graphics.

Tandy 2000. 26-5302 395.00

Advanced Graphics

Lumena

An amazingly versatile tool for artists, designers and illustrators to produce complex images with ease. Free-hand drawing with our GT-2000 Graphics Tablet is as easy as using a pencil on paper. Just touch the correct portion of the digitizer to select colors, shapes, letters, fonts, or to draw free-hand. Your images can be duplicated, moved, changed in size, rotated and more at the touch of the pen. And what colors! Lumena combines the two intensities of Tandy 2000's eight basic colors into 28 additional "dithers", or blends. Lumena also provides cycling and animation functions for really impressive graphics. Requires 256K (384K for cycling and animation) and GT-2000 or Digi-Mouse.

Tandy 2000. 26-5281 299.95

DR Draw

This interactive picture editor produces presentation-quality charts and diagrams. To build a picture, select geometric or text elements from the available options, using the optional DIGI-Mouse to place elements in the desired location.

Tandy 2000. 25-5279 295.00

Graphwriter

Create sophisticated presentation-quality graphics that look the way you want them to. Graphwriter combination set includes 23 different chart types. Multiple line headings, footnotes and comments are easy to insert. By using a "fill-in-the-blank" input form, charts can even be prepared by the support staff. Plot options include vertical, horizontal, half page and custom sized.

Tandy 2000. 26-5276 595.00

DR Graph

Displays line, bar, step, stick, scatter, pie and text-only charts on the screen. Print your graphs on paper or transparencies using a wide variety of printers. Simple screen instructions guide you through every stage of graph design, providing outstanding graphics without extensive training. You choose labels, titles, legends, colors, type styles and borders to add the final touch to your work. Add, move and modify the size of your text at will with the aid of the optional Digi-Mouse.

Tandy 2000. 26-5278 195.00

MultiMate/TM MultiMate International. pfs/TM Software Publishing Corp. dBASE III and Framework/TM Ashton-Tate. Symphony/TM Lotus Development Corp. SuperCalc3/TM Computer Associates. Lumena/TM Time Arts, Inc. Graphwriter/TM Graphics Communications, Inc. DR Draw and DR Graph/TM Digital Research.

ACCOUNTING AND DESKMATE

MAI Basic Four® Interactive Accounting

MAI BASIC Four software modules are fully integrated, so that data is entered only once. The system can be tailored to meet your needs simply by answering specific parameter questions at the keyboard.

General Ledger

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

Tandy 2000. 26-5210 495.00

Accounts Receivable

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

Tandy 2000. 26-5213 495.00

Accounts Payable

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

Tandy 2000. 26-5212 495.00

Inventory Control

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

Tandy 2000. 26-5214 495.00

Add-On Modules

Additional interactive MAI Basic Four software packages are available through our exclusive Express Order Software service. Orders are transmitted electronically for fastest service.

The Home Accountant Plus

The Home Accountant also lets you label every transaction you make. When tax time comes around, you'll have every penny you've spent and earned neatly listed by category, and available at the touch of a button. You can display a bar graph and trend analysis for any selected budget category.

Tandy 2000. 26-5340 124.95

DeskMate

The system utilizes the Tandy 2000's control keys, so there are no complicated commands to memorize. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file stored for every function.

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

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

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

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

CALENDAR. This part of DeskMate lets you set up an agenda for a month, as well as set your daily appointment calendar. Finding, adding and deleting events is easy. And you can also place events in an alarm file that will trigger an alarm through the Tandy 2000's built-in speaker.

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

DeskMate software comes with a thorough, easy-to-understand tutorial manual, a reference manual and quick-reference card. Telecom and Mail require modem.

Tandy 2000. 26-5316 199.95

Important Software Notice

All Radio Shack computer programs are licensed on an "as is" basis, without warranty. Radio Shack shall have no liability or responsibility for any loss or damage caused or alleged to be caused directly or indirectly by computer equipment or programs sold by Radio Shack, including but not limited to any interruption of service, loss of business or anticipatory profits or consequential damages resulting from the use or operation of such computer or computer systems.



Find the Applications You Need with Tandy's Express Order Software Service

Your local Radio Shack Computer Center has the most complete selection of software available.

Our exclusive Express Order Software service brings you the hottest-selling packages—each one performance-proven and professionally supported by the software manufacturer. Your order is transmitted electronically and shipped the next business day for the fastest service.

Come in today to your local Radio Shack Computer Center or participating Radio Shack store or dealer and pick up your free copy of the new Radio Shack Software Reference Guide. In it, you'll find hundreds of popular programs. Choose from powerful accounting, word processing, spreadsheet analysis, database management, integrated software and multiuser packages. You'll also find the best in personal and educational software, plus exciting games. Radio Shack Computer Centers are your one-stop software headquarters. Come in today!

NEW LOW PRICE! TANDY 6000 HD



512K with 15-Meg. Hard Disk

**NEW LOW
PRICE!**

3499⁰⁰

Was \$5499.00 in
Cat. RSC 16

Commercial Lease Available For Only \$125 Per Month
(Plus Applicable Use/Sales Tax)

- **Features 512,000 Characters of Internal Memory—Expandable to 1 Megabyte**
- **XENIX Operating System (sold separately) Can Support Multiple Users**
- **One Floppy Drive and 15-Megabyte Hard Disk Built In**
- **Unique Dual-Processor Design (8-Bit and 16-Bit)**
- **Four Internal Slots for Easy User Expansion**
- **Multuser Software Available for Accounting, Word Processing, Spreadsheet Analysis and Databases**

Multuser Tandy 6000. For many companies, it's hard to justify the cost of a separate computer for each individual who could benefit by using one. That's why we designed the Tandy 6000. It's ideally suited for today's offices, providing simultaneous job-handling *without* the expense of multiple computers. It offers the high operating speeds and large memory capacity that many business users require. And it can handle complex, computation-intensive jobs and highly sophisticated programs that only a 16-bit computer can.

What the Tandy 6000 Can Do for You. Now you can accomplish complex tasks with ease—the Tandy 6000 microcomputer puts superior performance in a compact desktop system! Advanced 16/32-bit technology permits the Tandy

6000 to utilize much more memory and process data at much higher speeds than 8-bit micros. The Tandy 6000 features 512K memory and easy user expansion. The optional XENIX operating system lets you turn the Tandy 6000 into a three to six-workstation office system for accounting, spreadsheets, word processing, database needs and more.

Advanced 16/32-Bit Technology. The Tandy 6000 is designed around the Motorola 68000 microprocessor that accepts 16-bit data and processes it internally as 32-bit "words". A second microprocessor—the Z-80A—handles input/output and a variety of other "housekeeping" chores.

Software Compatible With Model 12. The Tandy 6000 can use the software designed for the Model 12 business computer (in the single-user mode only), plus multiuser software and other programs that are designed to take advantage of the Tandy 6000's advanced 16/32-bit technology.

Expandable. Two RS-232C serial interfaces and a parallel printer interface allow easy expansion. Add additional memory and options via the user-accessible card cage.

Deluxe Features. The Tandy 6000 includes a high-resolution 12" green video display (80 x 24) and a detachable typewriter-style keyboard with numeric keypad and 8 function keys.

Tandy 6000 HD. 26-6022 3499.00

New! XENIX System III Operating System. Turns your Tandy 6000 into a multiuser system that can support up to 6 workstations. 26-6460 395.00

New! XENIX Development System. An extensive set of programs, utilities and subroutine libraries to facilitate software development. 26-6402 750.00

SPECIFICATIONS. Microprocessors: 8 MHz MC68000 16/32-bit CPU and 4MHz Z-80A 8-bit CPU. Direct memory access and vectored interrupts. Memory management includes protected system mode and user spaces. **Memory:** 512K RAM bytes, expandable to 1 million bytes. 2K video memory. **Keyboard:** 82-key professional-type, including Numeric Entry Keypad. Special keys include HOLD, ESCAPE, BREAK, CTRL, CAPS and REPEAT, plus Up, Down, Right and Left arrow keys and eight programmable Special Function Keys (F1 thru F8). **Video Display:** High-resolution 12" green display monitor with 80 or 40 characters per line by 24 lines. Displays upper and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available. **Disk Drive:** One floppy and one 15-megabyte hard disk. **External Expansion:** One secondary hard disk for up to 85 megabytes of storage. **Internal Expansion:** User-accessible Card Cage provides additional plug-in card slots. **External Connections:** One standard parallel port and two RS-232C serial ports. **Dimensions:** 13 1/2 x 21 1/2 x 28 1/8". **Power Requirements:** Input: Built-in filtered power supply for 120VAC, 60 Hz. Output: 140 Watts. U.L. listed.

DELUXE DATA DISPLAY TERMINAL



795⁰⁰

- 14" High-Resolution Screen
- 80 or 132 Columns by 26 Lines
- Sculptured Keyboard

DT-100. Fully compatible with most DEC and UNIX-based software systems. Features green display screen, a high-resolution character set (128 ASCII), 16 programmable keys, cursor control keys and numeric pad. Terminal configuration is set from the keyboard. U.L. listed. 26-6052 795.00

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

DT-100 SPECIFICATIONS. Data Transfer Rate: Up to 38,400 bps. Video Size/Format: 24 lines (plus 2 status lines) of 80 or 132 characters. Upper and lower case. Video Attributes: Normal, underline, reverse and dim. Input/Output: One RS-232C communications port and one RS-232 printer port. Power: 120VAC, 60 Hz.

10-Megabyte Disk Cartridge System

Removable disk cartridge makes it easy to backup and store data. Get the flexibility of floppy disk storage combined with the high storage capacity and rapid access time of hard disks. Includes one 10-megabyte disk cartridge. U.L. listed.

26-1245 2195.00

Interface Kit for Tandy 6000/16.

26-6018 119.95

Hard Disk Systems

70-Megabyte System. Compatible with our XENIX system only. Use with our 12, 15 and 35-megabyte drives. Not compatible with 8-megabyte hard disk. Expand with three secondary drives.

New Low Price! Secondary Drive. Requires installation (not included). Was \$3895.00 in RSC-16.

26-4174 3299.00

35-Megabyte Secondary Drive. Requires installation (not included). 26-4172 2695.00

New! 12/16/6000 HD Cable Kit. Add external hard drive to Tandy 12/16/6000. 26-4157 349.00

Model III Cable Kit. Includes Model III LDOS. For use with 10-megabyte drive only. 26-1133 99.95

Model 4 Cable Kit. Includes TRSDOS 6.2. For use with 26-4155 and 26-1138 only. 26-1134 79.95

Model 4 Hard Disk Controller. Requires 26-1134 Kit (above). 26-1138 449.95

Model 12/16B Internal Hard Disk Kit. 26-4154 2495.00*

Hard Disk Fan Air Filters. 26-1363 Pack of 3/99¢

Other Expansion Options

New Low Price! 256K Parity Memory Kit. For Tandy 1000/1200/3000/6000. Tandy 6000 requires two kits to upgrade. Was \$219.95 in RSC-16.

25-3062 129.95

New Low Price! 512K RAM Board. Card contains 512K RAM with sockets for adding another 512K. 1 megabyte total! Was \$1095.00 in RSC-16.

26-6015 979.00

New Low Price! Model 12 to Tandy 6000 Upgrade. Includes 68000 processor board and 512K RAM board.

26-6014 1295.00

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

26-6013 199.00

Model 12 Card Cage. Provides six plug-in slots for optional expansion boards. Requires installation, not included.

26-6017 199.00

*Installation Required (not incl.) for Model II. Model 12 Requires Card Cage.

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MODEL 12/16/6000 LANGUAGES

Model 12 Languages

FORTRAN

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

Editor/Assembler

Write, edit, test, assemble and execute programs. Assembly Language. Use with either 8080 or Z-80 mnemonics. Constants can be specified in octal, hexadecimal or binary. Line and character-oriented text editor. 26-4702 199.00

Series I Editor/Assembler

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

Assembly Language Development

Five-module package includes Editor, Assembler, Linker, Debugger and File Transfer. 26-4712 249.00

COBOL Development System

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

COBOL Run-Time Diskette*

26-4704 40.00

COBOL Generator

Define a complete software package and generate a COBOL source program automatically. Requires two disk drives and COBOL Development System (26-4703). 26-4707 .. 995.00

Compiler BASIC

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

Compiler BASIC Run-Time Diskette*

26-4706 30.00

BASCOM BASIC Compiler

Designed to complement the Model 12 Microsoft BASIC Interpreter. Allows you to create programs that execute faster and require less memory than the same interpreted programs, in addition to providing source code security. BASRUN allows you to develop a system of related programs that can all be run using the same runtime environment. 26-4725 199.00

Tandy 6000 XENIX Languages

XENIX 3.0 Development System

Includes the powerful C language and many standard UNIX utilities for developing multiuser software. With assembler, text editor, a spelling dictionary, electronic mail, sort utility and compiler generators. Requires a minimum of 256K (512K recommended) and hard disk drive. 26-6402 750.00

XENIX COBOL Development System

A high-level implementation of the ANSI-74 COBOL standard for minicomputers. Includes an editor, interactive debugger, a single-pass compiler, and more. 26-6455 699.00

XVIEW

A versatile, full-screen text editor for creating and editing program source text (operating under XENIX).

26-6404 149.00

FORTRAN 77

Write and execute main-frame-level Fortran applications. Features Hollerith and hexadecimal constants, symbols of up to 31 characters and an "include" statement. Requires XENIX Development System (26-6401 or 26-6402).

26-6451 699.00

PASCAL-2

A transportable multi-pass compiler that adheres to the Pascal ISO standard while performing optimizations to generate compact, fast code. Requires XENIX Dev. System (26-6401 or 26-6402). 26-6452 699.00

XENIX BASIC Interpreter

Chain other MBASIC programs and pass common variables. Supports 40 significant characters for variable names, logical record lengths of up to 32K, and record locking for multiuser support. 26-6457 299.00

XENIX V7 to 3.0 Upgrade

Upgrade a Model 16 running XENIX 1.3X to XENIX 3.0 without upgrading hardware to a Tandy 6000. With PAL chip (requires installation, not included). 700-3031 199.00

XENIX 3.0 to 3.1 Upgrade

700-3035 99.95

XENIX BASIC Compiler

Based on Philon Fast/Basic-M language. Closely compatible with Microsoft's MBASIC. Features separate compilation facility and extremely fast execution of compiled code.

26-6458 349.00

Mainframe Protocol Packages

Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator).

BIS-3270

Communicate via standard IBM bisynchronous protocol and emulate an IBM 3271/3274/3275/3276 display station and 3284/3286 printer. BIS-3270 appears to the system as a control unit with one keyboard display and one separately addressable printer. All functions of the IBM 3270 display station are supported. Requires modification of the "A" serial port (extra charge). 26-4730 1495.00

BIS-3780

Communicate via standard IBM bisynchronous protocol with any IBM S/360, S/370, 30XX and 43XX host or non-IBM host that provides support for IBM 2780/3780/2770/3741 devices. Your Model 12 can function as a remote terminal or a Remote Job Entry (RJE) terminal. Editor/Assembler (26-4702) may be required for mode configuration. Requires modification of "A" serial port (extra charge).

26-4716 995.00

Micro-SNA/3270

Communicate via standard SNA/SDLC protocol with any IBM S/360, S/370, 30XX and 43XX IBM host or non-IBM hosts that provide support for IBM 3270 devices. Your Model 12 can emulate an IBM 3274/3276 display station. Requires modification of the "A" serial port (extra charge).

26-4717 699.00

*NOTE: Run-Time Diskettes are available separately for those who intend to sell software developed on our compilers. You don't need to purchase a separate Run-Time Diskette for your own use.

Model 12 Software Will Run on a Model 12 and on a Model 16 or Tandy 6000 in the Model 12 (Single-User) Mode. Bascom BASIC Compiler, FORTRAN, Editor/Assembler, Series I Editor/Assembler, XENIX and XENIX BASIC Interpreter and Compiler/TM Microsoft Corp. BIS 3270, BIS 3780 and Micro-SNA/3270/TM Micro Integration. XENIX COBOL Development System, Compiler BASIC and FORTRAN 77/TM Ryan-McFarland. COBOL Generator/TM Phoenix Systems.

SINGLE/MULTIUSER ACCOUNTING

Multiuser Software

Increase office productivity with our multiuser Tandy 6000/ Tandy 3000 programs. They allow several people to perform different tasks simultaneously. The Model 12 software offers the same features, but is single user software.

General Ledger

Interacts with Payroll, Accounts Payable and Accounts Receivable. Reports include Income Statement, Balance Sheet and GL Worksheet.

Model 12. 26-4601	399.00
Tandy 6000/Model 16. 26-6201	599.00
Tandy 3000. 25-4301	599.00

Accounts Receivable

Open item and/or balance forward system to interface with General Ledger, Order Entry/ICS and Sales Analysis.

Model 12. 26-4604	399.00
Tandy 6000/Model 16. 26-6204	599.00
Tandy 3000. 25-4304	599.00

Accounts Payable

An accrual system that will interface with General Ledger.

Model 12. 26-4605	399.00
Tandy 6000/Model 16. 26-6205	599.00
Tandy 3000. 25-4305	599.00

Payroll

Calculates and prints checks and provides distribution to General Ledger accounts.

Model 12. 26-4603	499.00
Tandy 6000/Model 16. 26-6203	699.00
Tandy 3000. 25-4303 (Avail. 3/1/87)	699.00

Order Entry/Inventory Control System

Allows both single-pass invoicing and two-pass open order entry with separate billing. Requires and interacts with Accounts Receivable.

Model 12. Requires three disk drives or hard disk. 26-4607	399.00
Tandy 6000/Model 16. 26-6207	599.00
Tandy 3000. 25-4307	599.00

Sales Analysis

Data is obtained from customer file of Accounts Receivable or item file of Order Entry/Inventory Control System. Shows sales activity by customer, volume, salesmaker, item and more.

Model 12. Requires three disk drives or hard disk. 26-4608	249.00
Tandy 6000/Model 16. 26-6208	399.00
Tandy 3000. 25-4308	399.00

Query 16

Retrieve desired information from COBOL data files. Use Query with General Ledger (26-6201), Payroll (26-6203), Accounts Receivable (26-6204), Accounts Payable (26-6205), Order Entry/ICS (26-6207) and Sales Analysis (26-6208). Also interfaces with Multiplan (26-6480) and SCRIPSIT (26-6431). Requires hard disk.

Tandy 6000/Model 16. 26-6212	249.00
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Single-User Software

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

Accounts Payable

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

Accounts Receivable

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

Payroll

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

Order Entry with Inventory Control

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

Manufacturing Inventory System

Holds 2100 inventory items, 600 bills with 99 components each, and 200 manufacturing orders. Models 12 and 16 require two drives.

Model 12. 26-4509	750.00
Tandy 6000/Model 16. 26-6309	850.00

Job Costing

Aids small construction companies in the preparation of job estimates. Track the progress and cost of each job.

Model 12. 26-4513	149.00
Tandy 6000/Model 16. 26-6209	199.00

Inventory Management System

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

Inventory Control System

Helps you in cycle counting, ordering from vendors, receipt posting and label preparation. Printouts include a Reorder Report, On-Hand Listing, Suggested Order Report, Purchase Orders, Sales Journal and Cycle Count Worksheet. You can custom design your own reports, too. Best of all, Inventory Control System is easy to implement and use. Supports three users. Handles 30,000 items.

Tandy 6000/Model 16 Hard Disk. 26-6302	399.00
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Model 12 Software for Law Offices

The Precedent™ Legal Accounting System

An office management program designed specifically for attorneys. It allows total integration of Time and Billing, General Ledger, and Cash Disbursements.

26-4620	795.00
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Docket Control

Avoid missed deadlines and appointments. May be used alone or with The Precedent (above).

26-4622	249.00
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Time Accounting

A "must" for any business that requires a detailed time analysis. Prepare billing worksheets and print statements. Model II requires four disk drives.

26-4520	499.00
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Litigation Support

A versatile computerized information storage and retrieval system designed for the attorney.

26-4545	299.00
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Model 12 Software for Medical Offices

Medical Office System

Accommodates a large individual practice or a medical clinic with up to ten physicians. A powerful forms generator can produce any type of invoice or insurance form. Requires two disk drives.

26-4508	750.00
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Tandy 6000/3000/16 Software is Multiuser and Requires Hard Disk. Model 12 Software is Single-User and Can Be Run on a Floppy or Hard Disk. Normally, Model 12 Multi-Drive Software Running on a Model II Requires One More Drive than a Model 12. COBOL Query/TM DCM Data Products. The Precedent/TM Tandy Corp. WESTLAW/TM West Publishing Co.

II/12/16/6000 BUSINESS SOFTWARE

Word Processing

SCRIPSIT Word Processing

Prepare correction-free letters, memos and reports! Plain English prompts and menus put advanced editing capabilities at your fingertips and are accessed with just two keystrokes. A Global Search feature will locate a specified word wherever it occurs in text for selective editing. Other features include ASCII convert, programmable user keys, background printing and embedded print codes. Includes manual and self-paced training course on audio cassettes.

Model 12 Thin-Line Floppy, Hard Disk. 26-4835 .. 399.00

SCRIPSIT Dictionary

Checks and displays your text on the screen, highlighting misspelled words for correction. Contains over 100,000 words. You can add up to 2000 more. Requires SCRIPSIT and one additional disk drive.

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

Model II. 26-4534 199.00

SCRIPSIT Utilities

Allows you to move columns of text and numbers, as well as provide totals, subtotals and averages of numerical columns. You can also copy often-used text stored in a special "boilerplate" utility. Communications utility lets you transmit and receive documents (requires modem). 26-4532 129.00

SCRIPSIT Plotter Driver

Add clarity to reports and transparencies. Print nine character sizes in six colors. Draw boxes around your text, straight lines, underlines, superscripts and subscripts. Requires SCRIPSIT and Multi-Pen Plotter. 26-4536 49.00

SCRIPSIT 16

Allows several people to prepare correction-free letters, memos, forms and reports at the same time using a Tandy 6000 multiuser system. Multiuser SCRIPSIT includes several enhancements for customizing your text. A powerful "Global Find, Delete and Replace" routine can search not only for a character or string of characters, but also for control characters, such as carriage returns or printer codes. SCRIPSIT supports a full complement of printing features, including proportional spacing and mixed font styles within documents. Includes manual and self-paced training course on audio cassettes. 26-6431 499.00

SCRIPSIT Speller

A spelling system based upon *The American Heritage Dictionary* published by Houghton Mifflin Company. Contains over 74,000 words. Requires SCRIPSIT 16 word processing software. 26-6434 249.00

Database Management

Profile II Electronic Filing

A powerful program that lets you design your own data base and search through your records to find just the information you want in seconds. Store up to 99 data fields in a single record, and print up to five different reports for each file. Search your files by up to 36 user-defined criteria. Stores up to 3000 records with a one-disk Model 12, up to 20,000 with additional disk drives. 26-4512 179.00

Profile Training

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

Profile Plus

An expanded version of Profile II. Built-in math functions, "associated" fields, an indexing system and selectable record lengths. 26-4515 299.00

Profile Plus Upgrade

Gives Profile II users the added features of Profile Plus. 26-4517 120.00

Profile Forms

Prints a detailed, single-page record on each item in your file

instead of a one or two line listing. Requires Profile Plus.

26-4556 125.00

Profile Archive

Purge inactive records and list them on a line printer and/or merge them into a history file. Requires Profile Plus.

26-4557 49.00

Profile Prosort

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

Profile Lookup

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

Menu Generator

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

Profile 16

Allows several operators to access, update and use the same file at the same time. Design your Tandy 6000 Profile system to match your present manual methods—no need to learn new procedures. All screen prompts and menus are in plain English. And you can change or expand your system at any time without having to re-enter data. 26-6412 499.00

UNIFY 3.2

A fully relational database manager designed to run and develop sophisticated business applications which handle large amounts of data. Included features are single-step database creation, interactive data entry and manipulation, a visual screen design utility (PAINT), interactive report generation (RPT), detailed menu handling, a multi-level security system, default field value assignments, domain checking during data entry, transaction logging, multi-key indexing, international date formats, and error logging. A tutorial and an on-line HELP facility are also included. Requires 512K and hard disk drive. 26-6416 999.00

Spreadsheet Analysis

Enhanced VisiCalc

A spreadsheet analysis program in a row/column format. Define formulas, enter figures and calculations are performed automatically. Change any value or formula and every affected number is updated. 26-4521 299.00

VisiCalc Business Forecasting Model. 26-4526 99.00

Multiplan

Consolidate related worksheets so that information is transferred between them automatically. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area. If you have any questions, an On-Line Reference Guide gives you instant help. Up to eight display windows can be created on the screen simultaneously. Multiplan can directly utilize your current VisiCalc files, too. Includes tutorial manual. 26-4580 249.00

Multiplan Multiuser

A truly sophisticated, yet incredibly easy-to-use decision support tool that allows several people to do spreadsheet analysis at once. 26-6480 349.00

Integrated

DeskMate

DeskMate, a dual-purpose program, not only provides five popular applications: Text, Worksheet, Filer, Calendar/Alarm and Mail, but also provides a user friendly approach to XENIX. DeskMate has the ability to add existing applications such as SCRIPSIT 16, Profile 16 and Multiplan to an application window. These applications can be executed from this window. DeskMate is one of the easiest ways to become familiar with different computer applications, as well as XENIX. 26-6405 299.00

MODEL 4D WITH DESKMATE®



1199⁰⁰

Low As \$55 Per Month*

- Includes DeskMate® 6-in-1 Software for Word Processing, Electronic Filing, Spreadsheet Analysis, Communications, Calendar/Alarm and Electronic Mail
- Two Built-In Double-Sided Drives for 736K of Disk Storage
- 64K Internal Memory—Expandable to 128,000 Characters
- Large Selection of Ready-to-Run Programs Available
- Expands Easily as Skills or Needs Grow

Model 4D with DeskMate. The perfect desktop computer for busy managers, professionals, educators and home users. The Model 4D is a stylish, self-contained desktop unit with a 12" built-in 80 x 24 display. A parallel printer interface is included, as well as an RS-232C serial interface. The Model 4D runs most TRSDOS® and LDOS software designed for the Model 4 and 4P, as well as for Model III/I (in the Model III mode). U.L. listed. 26-1070 1199.00

TRSDOS 6.2 Utility.

26-0315 39.95

TRSDOS 6.2. 26-0316 39.95

SPECIFICATIONS. Microprocessor: 4MHz Z-80A (2 MHz in Model III mode). **Memory:** 14K ROM, 64K RAM expandable to 128K (provides for disk drive emulation in RAM). **Keyboard:** 71-key typewriter-style with datapad, plus control, caps and 3 programmable function keys (F1, F2, F3). **Video Display:** 80 x 24 (Model 4 mode), 64 x 16 (Model III mode), or double-width 40 or 32 characters per line. Upper and lower case and reverse video (Model 4 mode). 96 text, 64 graphics and 96 "special" characters. **Language:** Microsoft 5.0 BASIC. **Sound:** Obtainable from BASIC. Toggled "keyclick". **Disk Drives:** Two built-in double-sided 360K 5 1/4" drives. **External Connections:** Cassette operation at 500/1500 baud Parallel printer port. RS-232C serial port. Buffered input/output bus. **Dimensions:** 12 1/2 x 18 7/8 x 21 1/2". **Power:** 120VAC, 60Hz.

Increase the Versatility of Your Model 4/III/I Computer

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

Model III Internal Disk Drive 0. Includes TRSDOS, Disk BASIC and manual. 26-1162 399.95*

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

New Low Price! External Disk Drive. Adds 184K of data storage to your Model III or 4. Internal Drive #0 required. U.L. listed. Was \$319.95 in Cat. RSC-16. 26-1164 199.95

New Low Price! Model 4 64K RAM Kit. Expands 64K Model 4 to 128K. Required for Model 4 cassette-to-disk upgrade. Extra memory not accessible by BASIC. Was \$69.95 in Cat. RSC-16. 26-1122 59.95*

Model 4 Upgrade Kit. Converts Model III disk computer to a Model 4 disk system (except for cabinet). Includes new keyboard, 64K RAM, TRSDOS 6 diskette with Disk BASIC. 26-1123 399.95*

Model III/I 16K RAM Expansion Kit. 26-1102 29.95*

Model III BASIC and 16K RAM Kit. Upgrades 4K Level I to Model III BASIC. For Model III only. 26-1121 129.95*

Model 4 High-Resolution Graphics. 640 x 240 resolution. Requires a minimum 64K 1-Disk Model 4. Installation required (not included). 26-1126 219.95

Model III High-Resolution Graphics. Requires 48K 1-Disk Model III. 26-1125 99.95

Model III/4 RS-232C Serial Communications Board and Cable. Requires modem and software. Installation required (not included). 26-1148 79.00

Model III/4 Hard Disk Kits. Allows you to add our 15 or 10-Megabyte Hard Disk. Requires 48K 1-Disk Model III or 64K 1-Disk Model 4.

15-Megabyte Model III Kit. 26-1133 99.95

15-Megabyte Model 4 Kit. 26-1134 79.95

Model 4 Hard Disk Controller. 26-1138 449.95

Model I DOS. 26-310 14.95

Model III DOS. 26-312 14.95

*Installation required (not included). *REVOLVING CREDIT AVAILABLE—See Page 2. LDOS/TM Logical Systems.

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MODEL 4/III BUSINESS SOFTWARE

Accounting

General Ledger

III/4 (D) Makes small business accounting procedures faster and easier. Maintains accurate records of all bookkeeping transactions and provides a balanced ledger. Use General Ledger alone or interface with the Accounts Receivable, Accounts Payable and Payroll programs for a complete, interactive accounting system. Handles up to 100 accounts and 1150 monthly transactions. Generates easy-to-read financial reports, including Trial Balance (with or without a worksheet), Income Statement, Balance Sheet, General Ledger, Account List with all accounts (or a specified range of accounts) and their current-period and year-to-date balances, Posted Transactions Report and Unposted Transactions Report for the current period. 26-1540 199.95

Accounts Receivable

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

Accounts Payable

III/4 (D) Automatically posts transactions and payments to General Ledger program. Handles up to 1100 transactions, 75 vendors, five General Ledger expense distributions per invoice and 14 invoices per check. Includes four General Ledger accounts, plus 10 user-definable accounts. Calculates due dates, discount dates and discount amounts by vendor payment terms. Prints Unposted Transactions List, Transaction Posting Report, Vendor List, Open Items List, Cash Requirements Report, Vendor Mailing Labels, G/L Account List, G/L Distribution Report, Check Review Report (for verification before check printing), Checks, Check Register and Payment Posting Report. 26-1542 199.95

Invoice Writer

III/4 (D) Provides a rapid and accurate method of creating invoices using the up-to-date information contained in the Accounts Receivable system. Automatically computes taxes and discount rates that are defined by you. Requires Accounts Receivable (26-1541). Interfaces with ICS (26-1545). 26-1544 49.95

Payroll

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

W-2 Writer

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

Inventory Control

4 Designed to make inventory control easier and more accurate. Produces a reorder report showing items below desig-

nated reorder level, plus an on-hand listing of items. Prints ten major reports, plus nine custom reports designed by you. Prints purchase orders and labels. Allows physical inventory count to be taken by cycle and lets you automatically reorder stock. Requires 3 floppy drives. Model 4P requires hard disk. 26-1545 199.95

New! Remote Inventory Control

4 (E) Scan bar codes representing inventory item numbers using a bar code wand and a Model 100 or 200 portable computer. Record physical count, sales, shipping and receiving, then transfer this data to Inventory Control (above) on the Model 4. 26-1535 49.95

COBOL Query

4 (F) Retrieve desired information from COBOL data files. Enter a query by specifying the file and fields from which you want to retrieve data and the selection criteria (if any). Use Query with General Ledger, Payroll, Accounts Receivable, Accounts Payable, Inventory Control, Multiplan and SCRIPSIT. 26-2026 149.95

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

Industry Specific

Apartment Management System

4 An efficient and easy-to-use system designed to provide property owners and managers with rapid and accurate monitoring of apartment complexes. Provides a printout of all transactions. Maintains a history of repair orders. Stores up to 450 apartment units on each diskette. Prints mailing labels. Requires Model 4 with three floppy drives or Hard Disk. 26-1538 299.95

Real Estate Finance

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

Agricultural

AgriData

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

Time-Saving AgDisk VisiCalc Template

AgDisk makes the popular VisiCalc "electronic worksheet" program easy to use for agricultural applications. The template below automatically loads your headings and formulas.

Feedlot Cattle Management

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

AgDisk software packages require an 80-column printer.

Minimum Hardware Requirements

III = Model III

4 = Model 4 Only

I/III = Model I or III

III/4 = Model III or 4

(A) 32K 1-Disk

(D) 48K 2-Disk

(G) 128K 2-Disk

(B) 32K 2-Disk

(E) 64K 1-Disk

(H) 16K Level II or

(C) 48K 1-Disk

(F) 64K 2-Disk

Model III BASIC

DISK SOFTWARE FOR MODEL 4/III/I

Productivity

DeskMate for the Model 4/4P

4 (E) DeskMate puts your Model 4D to work right from day one. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file you have stored. **TEXT.** Control-key editing features make it easy to compose and edit text right on the screen. **WORKSHEET.** This electronic spreadsheet uses simple "plain English" entries to make complex calculations instantly. You can print all or a portion of your spreadsheet. **FILER.** Create a name-and-address file, small inventory list and more. Simple commands let you create and find files easily. **TELECOM.** By adding a telephone modem, DeskMate lets you communicate with an information service or another terminal. Information you receive can be printed or stored on your diskette. You can also send files to other computers. **TELECOM** will even dial the phone number of anyone listed in the **FILER** program. **CAL-NDAR.** Set up an agenda for a month, as well as your daily appointment calendar. **MAIL.** This special program lets you send and receive messages to and from other DeskMate users over the phone. (Note: Telecom and Mail require modem.) 26-1608 199.95

Spreadsheet Analysis

Enhanced VisiCalc

4 (E) This versatile management and engineering planning tool takes advantage of Model 4's 128K memory capacity and 80x24 display. You simply define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly updates every related number! You can view countless "what if ... ?" situations in seconds. 26-1520 99.95

Multiplan

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

New Low Price! Target PlannerCalc

4 (E) Create your own financial models by entering and processing data by column, row or individual location. Features a variety of mathematical operations, including conditional commands. Prompts are in plain English and a handy "Help" screen is available at the touch of a key. Was \$99.95 in Cat. RSC-17. 26-1512 49.95

Word Processing

Disk SCRIPSIT®

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

SCRIPSIT

I/III (A) Includes all of the features of Disk SCRIPSIT, but in a 64x16 display format. 26-1563 99.95

SuperSCRIPSIT®

4 (E) All the features of Model 4 SCRIPSIT and more. Includes true proportional-spaced printing, multiple line spacing (including half-space), and "save and recall" multiple paragraph formats. Displays full 80x24 format with reverse video to help in editing. Features align tabs, automatic pagination and user-definable print codes. Supports underline, double underline, boldface, super and subscripts, and multiple column printing (depending on the printer). Includes self-paced training course on audio cassettes, training manual, reference manual and reference card. Requires printer. 26-1595 199.00

SuperSCRIPSIT

I/III (C) Includes all of the features of Model 4 SuperSCRIPSIT, but in a 64x16 display format and no reverse video. 26-1590 199.00

SCRIPSIT PRO

4 (E) Our most powerful word processing program. Similar to SuperSCRIPSIT (above), but with these additional features: windows for viewing two documents simultaneously, chaining of document modules, boilerplating, footnoting, manipulation of columns of text, access to DOS commands from within the program and a built-in dictionary. 26-1601 249.95

SCRIPSIT Spelling Dictionary

4 (E) Automatically checks text prepared with SuperSCRIPSIT for misspellings. Contains 73,000 words. Add your own user list, too. 26-1600 99.95

Database Management

Profile® 4 Plus

4 (E) Create your own personalized electronic filing system! A full-screen Define Files program makes it easy to create and change fields, even after the file is expanded. Sort and select records by any field in any segment of the file. And sorting is extended over all available disk space—not just RAM. Features indexing for faster sorting and selection. Sort by up to five fields—in ascending or descending order—to a maximum of 85 characters. And you can select records using up to 16 different search criteria. Mass operations are accessed via indexes, as well as the regular scan operation. Indexes for report and label printing, and SuperSCRIPSIT and VisiCalc selections. A built-in math package can perform arithmetic operations—such as calculating taxes, extensions and totals—among several fields and then update another field automatically. Stores up to 700 records of 255 characters in length on a 2-disk data base, 2900 with 4 disks. Create up to 36 different reports and 36 different sets of mailing labels for each file. Design reports and labels up to 200 characters across and 99 print lines down. Up to ten different screen formats for each file. Up to 36 SuperSCRIPSIT and VisiCalc spin-off file formats per file for reports and form letters. Comes with easy-to-understand tutorial manual. 26-1635 249.95

Profile III Plus

III (D) Store almost any type of information, then retrieve it at the touch of a key. User-designed file layout, input screens and reports. Supports multiple screen designs for different views of the data. Stores up to 700 records of 255 characters in length on a 2-disk system, 2100 records with 4 disks. Allows up to 99 fields per record. Comes with easy-to-understand tutorial manual. 26-1592 199.00

Hard Disk Profile III Plus

III (C) Includes all the features of Profile III Plus and allows much larger files (up to 65,535 records). Faster searches due to increased access speed of hard disk. 26-1593 299.00

MODEL 4/III/I SOFTWARE

Financial

The Home Accountant

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

Money Decisions Series

III (D) Each program puts the most frequently used business and financial problem-solvers at your fingertips! Lets you create a set of problem-solving assumptions and then calculates "before and after" effects of multiple alternatives. Each can be used alone or in conjunction with the other Money Decisions programs.

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

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

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

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

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

Graphics

Business Graphics Analysis

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

Communications

Micro/Courier®

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

Programming Languages

Assembly Language Development System

III/4 (D) With full screen Editor, Assembler with sorted cross-reference listing, Linker for creating an absolute file, automatic File Transfer, and Debug modules. Offers numerous important and helpful features and includes TRSDOS 6 and Model III TRSDOS 1.3 support. 26-2012 149.00

Editor/Assembler, Series I

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

BASCOM-4

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

FORTRAN

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

FORTRAN. III (D) 26-2200 99.95

COBOL

4 (F) Based on the ANSI '74 standard. Features single-step compiler multi-key ISAM, COBOL editor and DEBUG. A listing of the program is generated showing the original source statements, error information, data allocation, interactive DEBUG information and optional cross-reference of all program labels and data items. 26-2190 199.00

COBOL. I/III (D) 26-2203 199.00

BFBLIB BASIC Routines Diskette

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

XENIX Console Emulator

Lets you use a Model 4 computer as an ADDS-25 terminal to a XENIX computer system. Requires RS-232 port. 26-1599 99.95

Cassette Software

DOTPLOT-80

(G) Create beautiful graphics with easy-to-use BASIC commands. Requires graphics-mode printer. 26-2023 19.95

Tiny Pascal

(G) Great introduction to this structured programming language (fixed-point, non-array version). Includes sample programs to get you started. 26-2020 19.95

Basic Instruction

A primary aid in learning BASIC. Write simple programs within minutes. 26-2015 24.95

Disk Games

13 Ghosts

(C) Armed only with your "Ghosts Blaster", you're out to despoil a Ghost Town. You'll encounter a skeleton that's immune to your blast and a "Laughing ghost" that wakes up dangerous ghouls friends. 26-1927 19.95

Zaxxon

Enter the floating fortress, destroy enemy defenses, and finally defeat the mighty robot, Zaxxon. Add an optional amplifier for great sound effects. 26-1956 29.95

Minimum Hardware Requirements

III = Model III
I/III = Model I or III
4 = Model 4 Only

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

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

(D) 48K 2-Disk
(E) 64K 1-Disk
(F) 64K 2-Disk
(G) 16K Level II
or Model III
BASIC

COMMITMENT TO EDUCATION

Education Software for Varied Needs

From kindergarten to college, from alphabets to zoology, educational software programs for almost any area of teaching are available for Tandy and Radio Shack computers. The software packages described on the next three pages are only a few of the more than 125 titles published by the Radio Shack Education Division. And Radio Shack's Express Order system gives you direct access to more than 300 educational titles from a variety of noted curriculum publishers—all available through your nearby Radio Shack store. For detailed descriptions of all of these programs, stop by your local Radio Shack for a free copy of the 1987 Educational Software Reference Guide (Catalog RSC-18E—see page 3). In addition, our Tandy Educational Software Sourcebook (26-2747) lists over 3000 software packages available for Tandy and Radio Shack computers.

Tandy Teacher Support System

Radio Shack has classroom support materials that make teaching about computers easy! Our structured courses help teachers teach and students learn.

These computer-skills courses cover the topics most widely taught in the schools: the BASIC, Pascal, and LOGO computer languages; the computer disk operating system; and



applications such as word processing, database management, and spreadsheet analysis.

Each course includes overhead transparencies that provide the framework for a structured presentation of the material. A detailed teaching guide gives notes keyed to each transparency. Student workbooks come with the package to provide a detailed note-taking guide plus quizzes and hands-on computer activities. Twenty-five student workbooks are included; additional copies are available separately.

Our Personal Computer Applications courses for the Tandy 1000 are the latest additions to this series. They help meet the current need for quality instructional materials to teach computer applications.

Personal Computer Applications Part One introduces general computer use, word processing, and database management. A second volume, Personal Computer Applications Part Two, covers spreadsheet applications, scheduling, telecommunications, and introductory programming. Both courses are based on Tandy's DeskMate: an integrated, six-function software program provided free with each Tandy 1000 system.

Some of the products available in this series are:

Personal Computer Applications, Part One. For the Tandy 1000. 26-2590 500.00
Additional Student Workbook. 26-2591 4.95
Personal Computer Applications, Part Two. For the Tandy 1000. 26-2592 500.00
Additional Student Workbook. 26-2593 5.95



Part One: Introduction to BASIC. I/III (G)	
26-2150	220.00
Part One Additional Student Workbook. 26-2151	3.50
Introduction to Color BASIC. CC 26-2680	350.00
Additional Student Workbook. 26-2681	5.95
Part Two: BASIC Programming. I/III (G) 26-2152	260.00
Part Two Additional Student Workbook. 26-2153	4.50
Part Three: Advanced BASIC. I/III (G) 26-2154	260.00
Part Three Additional Student Workbook. 26-2155	4.50
Part Four: TRSDOS. I/III (A) 26-2156	299.00
Introduction to Pascal. I/III (C)* 26-2674	350.00
Additional Student Workbook. 26-2675	7.95
Courseware Development with AUTHOR I. I/III (C)	
26-2697	350.00
Additional Student Workbook. 26-2698	4.95

An Integrated Learning System

Tandy Corporation and Education Systems Technology Corporation have teamed up to offer elementary schools the finest reading and mathematics curriculum available. Drawing from a number of nationally recognized experts in the field of education, ESTC has created a complete software curriculum for reading and mathematics. The curriculum does not replace existing curriculum or teachers; rather it provides a foundation for the essential concepts and skills.

The software utilizes state-of-the-art computer technology provided by Tandy Corporation. All lessons are in color, utilize extensive graphics, friendly characters, voice, music and animation—so students are never bored!

Research indicates that children progress by learning how to think rather than by performing constant drills and exercises. The approach ESTC has taken emphasizes thinking skills, positive attitudes toward subject matter, mastery and application of a concept and positive work habits.

Tandy and ESTC are concerned about education, and together we're working to ensure a brighter future for your pupils.

Minimum System Requirements

I — Model I	• Compatible with Network 4.
III — Model III	* Compatible with Network 3.
CC — Color Computer	+ Compatible with Network 2.
(A) 32K 1-Disk	(G) 16K with Cassette
(C) 48K 1-Disk	(H) 16K Extended Basic
(E) 64K 1-Disk	(I) 32K Extended Basic

All Model III Programs Run on Model 4 in the Model III Mode

MATH, LOGO, EARLY LEARNING



Basic Skills Math

With the right software program, the computer can be a patient tutor that provides hours of non-threatening, individualized practice in basic skills. Children can receive an unlimited number of practice exercises at skill level, and the computer can give appropriate feedback messages for each response.

Radio Shack's basic skills math programs take advantage of this computer capability. Each program randomly generates exercises at any of a wide range of skill levels. The K-8 Math and Color Math programs cover arithmetic topics at grades K through 8, while Essential Math programs cover junior high and high school math topics. Standard features include automatic placement and automatic promotion/demotion options. K-8 Math with Student Management combines the K-8 Math program with automatic, disk-based student record-keeping. The K-8 Math Worksheet Generator generates worksheets and answer sheets keyed to grade K through 8 math skills.

Programs in this math series are:

K-8 Math Program, Volume One.	
I/III • * (A/G) 26-1715	199.00
K-8 Math with Student Management, Vol. One.	
I/III • (A) 26-1725	199.00
K-8 Math Worksheet Generator.	
I/III (A) 26-2162	99.95
Color Math. CC * (A/G) 26-3202	39.95
Essential Math, Volume One.	
I/III • * (A/G) Addition, subtraction, multiplication, division, number concepts. 26-1716	199.00
Color Essential Math, Volume One.	
CC * (A/I) 26-2643	120.00
Essential Math, Volume Two.	
I/III • * (A/G) Fractions, decimals and percent, and pre-algebra concepts. 26-1719	199.00

Programming With Super LOGO



Children and adults can create colorful graphics programs with Radio Shack's powerful Super LOGO programming language. Super LOGO is based on the Logo language developed at Massachusetts Institute of Technology. With Super LOGO, students can develop their problem-solving skills, learn programming concepts, and have fun. Using Super

LOGO is easy for children, yet also fun for adults. With Super LOGO, children apply math and logic concepts to make a cursor character called the "turtle" draw pictures on the screen. The program features advanced editing, simple list-processing capabilities, decimal arithmetic, multiple turtles running simultaneously, and animation.

Super LOGO Disk Version. CC (A) 26-2716	99.00
Super LOGO Program Pak. CC (G) 26-2717	49.95
Super LOGO Network 2. CC 26-2738	299.00
Color LOGO Lab. Requires Super LOGO. CC 26-2770	199.00
Color LOGO Lab Student Workbook. CC 26-2771	2.00
Color LOGO Teacher's Book. CC 26-2761	3.95
Color LOGO Parent's Book. CC 26-2763	3.95



Early Learning

First and second graders will enjoy learning with these creative Color Computer programs from the Children's Television Workshop software group. Play-With-Language™ consists of three word and reading activities to teach sight and

vocabulary words, decoding, and comprehension skills. Hands On!™ lets students write with beginning word processing aids and create pictures in ways unique to computer art.

For younger children, the Model III/4 program Introduction to the Alphabet provides practice in letter recognition, alphabetical order, and keyboard use. Immediate feedback is given for each correct response.

Play-With-Language. CC (A) 26-2538	99.00
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Hands On! CC (A) 26-2539	99.00
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Introduction to the Alphabet.

III/4 * (A/G) 26-1718	39.95
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Unique Electronic Book and Software



The touch-sensitive Electronic Book allows students to interact with the Color Computer without using a keyboard. Programs sold for use with the Electronic Book come with paper pages that have pictures keyed to the computer program. The teacher or learner inserts these pages into the Electronic Book and then runs the program. While the program is running, the learner presses different areas of the book's surface to make activity choices or to answer questions.

Two Electronic Book programs are the Solar Explorer program and Professor Pressnote's Music Machine. Solar Explorer for grades five through nine uses the theme of space travel to give information about our solar system's planets and Earth's moon. Professor Pressnote's Music Machine for grades four and up introduces children to the fundamentals of music. Additional programs are available.

Electronic Book.

CC Plugs into joystick port. 26-3141	24.95
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Professor Pressnote's Music Machine.

CC (A/G) 26-2573	24.95
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Solar Explorer. CC (A/G) 26-2546	19.95
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MORE CLASSROOM COURSEWARE

Courseware from MECC



Programs from MECC—the Minnesota Educational Computing Corporation—have become recognized nationally as sound educational software. These proven MECC programs are sold by

Radio Shack for use on the Color Computer or Model III/4.

Graphing

CC [I] Five programs designed for use in a variety of mathematics classes at grade levels seven through twelve. Slope, Polygraph, and Polar are programs which graph functions and equations on a coordinate system. Snark and Radar are games based on graphing concepts. 26-2794 34.95

Music

CC [I] Provides beginning and intermediate music theory practice for all age levels. Five programs are included. 26-2795 34.95

Pre-Reading

CC [I] Contains six programs for preschool through grade two: Caterpillar, Train, First Letter, Pictures, Words, and Shapes. Using game formats, these programs help children practice alphabetization and matching letters and shapes. 26-2796 34.95

Earth Science

CC [I] A package of four natural science study programs for grades five through nine. Included are: Earthquake, Minerals, Solar Distance, and Ursa (a program which simulates the apparent rotation of star patterns). 26-2797 34.95

Marketplace

CC [I] Includes four simulations that give students in grades three through eight experience in making marketing decisions. 26-2798 34.95

Outdoor Biology

CC [I] Presents two interactive simulations to help students in grades one through nine understand ecological concepts related to the food chain. 26-2799 34.95

Basic Arithmetic

III [C] Provides games and drills designed to help students in grades two through six strengthen their arithmetic skills. 26-2790 44.95

Word Games

III/4 [C] Designed to add interest and motivation to language study for grades one through six. A teacher option program allows the instructor to develop custom word lists for use with the three word games. 26-2791 44.95

Expeditions

III/4 [C] Presents three interactive simulations that allow students in grades five through nine to "participate" in the events of three American historical periods. 26-2792 44.95

Puzzles and Posters

III/4 [C] A teacher utility program that allows teachers to produce word puzzles and banners for classroom use. 26-2793 44.95

Business Education

Teach your students the computer accounting applications used by small businesses. Business Education: Computer Applications in a Small Business covers General Ledger, Accounts Receivable, Accounts Payable, and Payroll. Introduce your students to computers and accounting principles while helping them to prepare for the business world.

Designed to supplement the curriculum, this Business Education teaching package contains a series of structured lessons. Included are visual materials, twenty-five student workbooks,



and complete software and user guides for the four applications covered. Printer required.

Business Education: Computer Applications in a Small Business

III/4 [D/F] 26-2654 599.00

Business Education Student Manuals

III/4 [D/F] 26-2655 11.95

Computer Reference Books

Reference books from Tandy can help teachers make the best use of their computer resources. The Tandy Educational Software Sourcebook contains more than 3000 listings of educational software. The educational booklet My TRS-80 Likes Me helps teachers introduce the BASIC language to elementary students through fun exercises. Number Patterns helps teachers introduce number series concepts in an entertaining way using computers.

Radio Shack's Proposal Writing Guide provides proposal writing assistance for teachers who are seeking grant funds for computer instruction. The TRS-80 Microcomputer Handbook for Educators provides general information on educational computer use for teachers who are new to the field of educational computing.



Tandy Educational Software Sourcebook

26-2747 13.95

My TRS-80 Likes Me

26-2751 2.50

Number Patterns

26-2752 2.50

Radio Shack's Proposal Writing Guide

26-2754 9.95

TRS-80 Handbook for Educators

26-2757 2.50

Minimum Systems Requirements

III = Model III
I/III = Model I or III
CC = Color Computer

4 = Model 4 Only
III/4 = Model III or 4

(A) 32K 1-Disk

(F) 64K 2-Disk

(C) 48K 1-Disk

(G) 16K with Cassette

(D) 48K 2-Disk

(I) 32K Extended BASIC

†Compatible with Network 2.

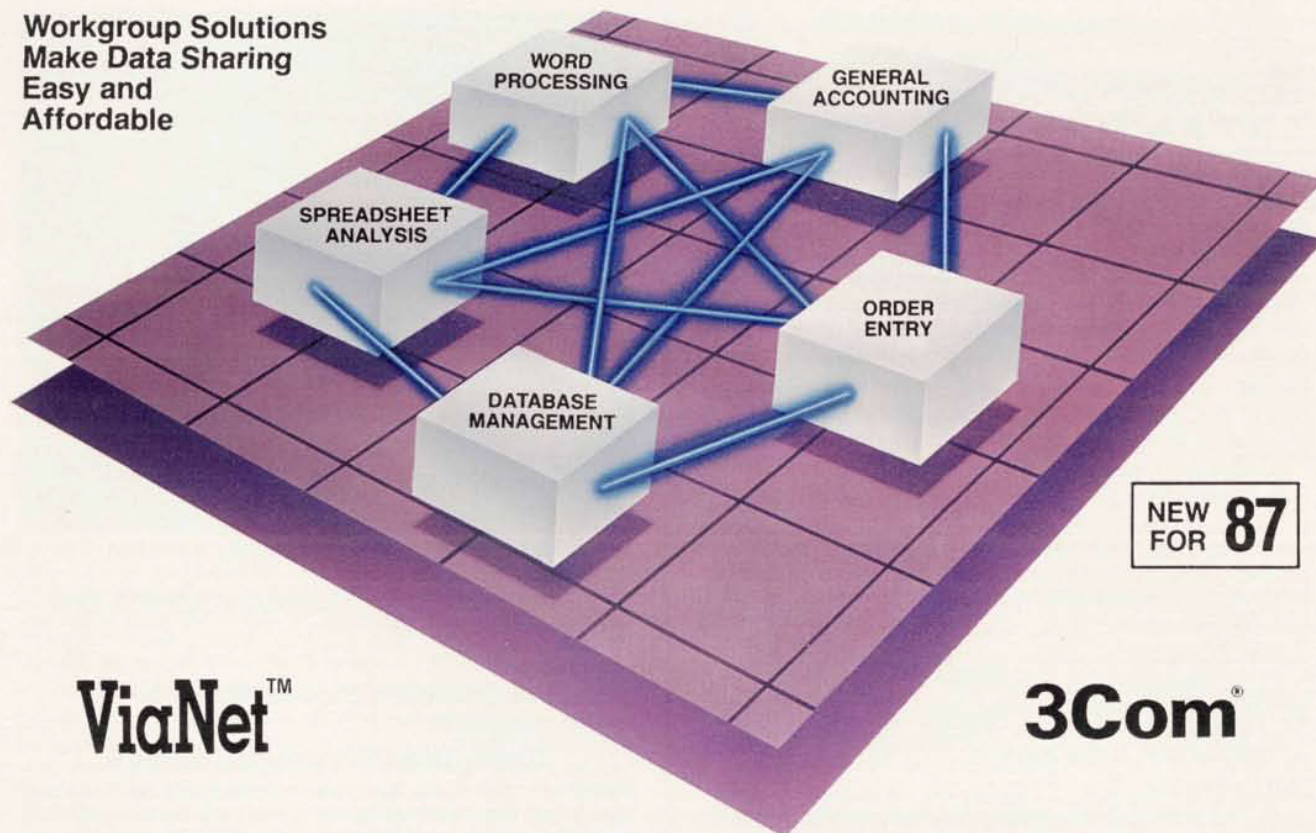
• Compatible with Network 4.

*Compatible with Network 3.

Play-With-Language, Hands On! and Introduction to the Alphabet/TM Children's Television Workshop. Music, Pre-Reading, Graphing, Earth Science, Market Place, Outdoor Biology, Basic Arithmetic, Word Games, Expeditions and Puzzles & Posters/TM MECC.

WORKGROUP OFFICE SYSTEMS

**Workgroup Solutions
Make Data Sharing
Easy and
Affordable**



ViaNet™

3Com®

Versatile ViaNet™ Workgroups

With ViaNet, the workgroup solution gives your office word processing, electronic mail, spreadsheets, database and accounting solutions while sharing programs, data and such costly resources as letter-quality printers, hard disks or backup devices. Each computer in the system requires an Arcnet Datalink Board, and is connected to a "hub" with coaxial cable. Boards include software and user's guide. Installation recommended (not included). ViaNet requires 128K more RAM than is required for applications and MS-DOS.

Network Hardware

Tandy 2000 ViaNet System. 26-1220	499.95
Tandy 1000/1200/3000 ViaNet System.	
26-1221	499.95
ViaNet Administrator's Guide.	
26-1222	19.95
Active Hub. Lets you connect eight computers up to 2000 feet apart. Active Hubs can be linked. Adding Passive Hubs to an Active Hub allows service of up to 24 CPUs.	
26-6508	695.00
Passive Hub. Connects four computers to each other up to 200 feet apart. Two passive hubs cannot be connected in series.	
26-6504	69.95
Coaxial Cable. RG62 with BNC connectors on each end.	
20 Ft. 26-6510	15.95
50 Ft. 26-6511	24.95
100 Ft. 26-6512	39.95
Bulk. 26-6513	Per Foot/21¢
BNC Fitting. 278-104	2.39
BNC/BNC Coupler. 278-115	1.99
UG-306/U BNC Right Angle Adapter. 278-116	3.59
Female BNC. 278-114	2.49
Coax Cable Stripper. 278-240	10.95

New! 3COM Workgroups

The workgroup solution is the answer to many common business needs in the office. Design a complete workgroup system for your office using 3COM Etherlink. Build custom menus for each user. Share software and hardware resources in the workgroup with other offices. Supports multiple MS-DOS machines using Tandy 1000 SX, 3000 HL, 3000 HD and IBM compatible PCs.

Etherlink Network Interface Board.

26-5501 595.00

Etherlink Plus High-Performance Network Interface Board. 26-5502 895.00

3+Share. Network system software for up to 5 users.

26-5510 895.00

3+Mail. Electronic mail and messaging software.

26-5511 495.00

3+Share User Guide.

26-5512 35.00

3+Mail User Guide.

26-5513 25.00

3+Menus How To Guide.

26-5514 10.00

Express Order Software

3+Route. 90-1600	1250.00
3+Remote Server. 90-1601	495.00
3+Remote PC. 90-1602	295.00
3+TurboShare. 90-1603	295.00
3+Start. 90-1604	295.00
EtherStart PROM. 90-1605	175.00
3+3270. 90-1606	1695.00
3+Share Administrator's Guide. 90-1607	70.00
3+Network Guide. 90-1608	40.00
3+Theory of Operations. 90-1609	30.00

CLASSROOM NETWORK SYSTEMS

Classroom Networks Provide Shared Learning Systems



- Link Multiple Tandy 1000, Model III/4 Computers
- Share a Common Hard Disk System and Printer
- Run Existing MS-DOS 2.1 and Standard TRSDOS 1.3 Applications Software
- Supports Programming, Business Education and Computer-Aided-Instruction (CAI) Applications
- One Cable Connects All Stations for Communications
- Master Station Serves Up to 63 Student Stations
- Student Stations Function Like Stand-Alone Computers With 4 Floppy Drives

Network 4. Incorporates some of the most advanced networking technology available to make shared computer learning possible for large groups. Using a twisted-pair cable, the Network 4 connects an entire classroom of upgraded Model III, Model 4 and Tandy 1000 computers to a master computer with a hard disk drive or drives. The student stations can then share the hard disk, each station operating virtually as a stand-alone system. Each user can quickly access programs, data files and storage areas on the hard disk as designated by the teacher. Student stations have full print capabilities at their own local printers. For remote printing, a SPOOL utility directs print output to a file. Spool files can be printed on the printer connected to the master station or other dedicated station.

System Requirements. Network 4 requires a Model 4 host (Model 4 plus Upgrade Kit or a Network 4 Student Station plus cable modification); a Model 4-compatible hard disk (such as the 35-meg primary 26-4171, or 10-meg 25-1025 plus Model 4 Controller 26-1138); Network 4 Operating System 26-2773; and a trunk cable. A disk-equipped Model III or 4 is needed to initialize the network hard disk. An Active Junction Box (26-1225) is required to connect more than 32 stations to the trunk cable, or to extend the trunk cable beyond 1000 feet.

Tandy 1000 Station Requirements. Each Tandy 1000 computer requires at least 256K RAM and the Network 4 Interface Board. Tandy 1000 station software 26-2772 is required for each network, in addition to the Network 4 Operating System. Operating under MS-DOS 2.1, Tandy 1000 stations keep full use of local drives and gain four drives from the Network 4.

Model III/4 Station Requirements. Model 4 Student Stations are ready to add to the network. Model III and Model 4 computers require at least 48K and the Model III/4 Upgrade Kit. At least one disk-equipped Model III or Model 4 station is required for installing application software. Model III/4 stations operate under a network version of TRSDOS 1.3, which is included with the Network 4 Operating System package.

Network 4 Operating Software. Controls network server and hard disk. Includes operating software for Model III/4 stations to share network hard disk and printer. 26-2773 ... 230.00

Network 4 Operating Software for Tandy 1000 Stations. Enables Tandy 1000 stations to share network hard disk and printer. Requires Network 4 Operating System 26-2773. 26-2772 170.00

Tandy 1000 Network 4 Interface. 25-1008 299.95

PLUS Network 4 Interface. 25-1019 299.95

Model III/4 Network 4 Upgrade Kit. Requires installation (not included). 26-1136 299.95

Non-Disk Model 4 Student Station. 26-1058 1099.00

100-Foot Trunk Cable*. 26-1218 16.95

500-Foot Trunk Cable*. 26-1214 69.95

1000-Foot Trunk Cable*. 26-1121 119.95

Tap Box. (Optional.) 26-1216 9.95

Tap Cable. (Optional. For Model III/4 and PLUS Network 4 Interface only.) 26-1217 9.95

Active Junction Box. 26-1225 199.95

*Trunk cables include termination resistors.

Network 3. III/4. Enables up to 16 student workstations to access and select lessons stored on host system so teacher is freed from repeatedly loading programs. Requires operating software. Minimum student station: 32K Model III/4 with RS-232C port. Minimum host station: 32K 1-Disk Model III/4 with RS-232C port. Cables available separately. U.L. listed. 26-1212 599.00

Network 3 Operating Software. For floppy-disk host. 26-2775 149.00

Network 3 Hard Disk Operating Software. Requires hard disk drive and Model III LDOS installation kit (26-1133). 26-2778 149.00

Network 2. I/III/4/Color Computer/Model 100. Allows easy management of student programs. You can simultaneously load a program into all 16 student systems at either 500 or 1500 baud, depending on the computers used. Use with Model I/III/4 as host and student stations, or with Color Computers as host and student stations. The Network 2 can be used to transfer ASCII files with Model 100 student stations and either a Model 100 or a Model 4 host. Controllers can be cascaded to connect more stations. Includes all cables. 26-1211 499.00

VIS™ Videotex Information System

- Access Information with Menus or Keywords
- Store and Distribute Text, Programs and Graphics
- Distribute Private or Public Information
- Protect Information Through Multiple Security Levels
- Design the Information Base for Most Any Application
- Access Information with Most Any Terminal

Videotex Information System (VIS). A versatile "Host" program that provides access to information through keywords or menus. The centralized storage of a VIS Information Base can contain organized collections of text, programs and graphics. A "public" VIS Information Base can be designed to allow access to classified ads or local activities for paid subscribers. Departments within large corporations require time-sensitive information distribution. A VIS Information Base can be designed to deliver this information and, at the same time, allow for the centralized storage of spreadsheet templates to be shared between the departments. A VIS user simply logs into the VIS Information Base and enters a request for information. This request can be in the form of keywords or menu options.

VIS Software. 26-6470 3500.00**

VIS Multiplexer Software. (Requires 26-6470.) 26-6471 1000.00**

8-Line Multiplexer. 71-3000 4250.00**

8-Line Multiplexer Upgrade Kit. (Requires 71-3000.) 71-3001 1250.00**

**VIS Software & Multiplexers Available Only Through Radio Shack Videotex Department, 1400 One Tandy Center, Fort Worth, TX 76102.

POPULAR COLOR COMPUTER 2®



A True Family Computer

**NEW LOW
PRICE!**

9995

Was \$159.95
in Cat. RSC-17 Low As
\$20 Per Month*

Less TV and Program Paks

- Write Sophisticated Programs & Create Color Graphics
- Access 32,000 Characters of Memory With Built-In Extended BASIC Language
- Add a Color Disk Drive and OS-9 Operating System to Access the Full 64K

64K Extended BASIC Color Computer 2. Learn to program or use ready-to-run software. Ideal for a variety of small business and professional uses, too. Simple, one-line commands make detailed color graphics easy to create. Perfect for drawings, designs, charts, engineering applications—even animation! Features 256 x 192 screen resolution (49,152 pixels); multicharacter variable names; string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; specific error messages; and more. Software is available for personal and household tasks, education and entertainment. Easy to expand. Attaches to any TV. Includes tutorial manuals. UL listed. 26-3127 99.95



Increase Data Storage

29995

156,672 Characters
of User Storage
Per Diskette

Low As
\$20 Per Month*

FD-501 Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system and store over 156,000 characters of data. Write your own programs or use ready-to-run software. Includes 5 1/4" double-density, 35-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; blank diskette; manual and operator's instructions. UL listed. 26-3131 299.95

Second Drive for FD-501. Adds 156K of storage. Requires installation (not included). 26-3132 179.95

Save When You Buy DeskMate™ and a Disk Drive

Complete package includes the FD-501 Floppy Disk Drive and DeskMate 6-in-1 Program. Reg. separate items \$399.90.

For the Color Computer 2.

26-3131/26-3259 329.95

For the Color Computer 3.

26-3131/26-3262 329.95

Color Computer 2 Upgrade Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K to use larger, more sophisticated programs.

26-3015 29.95*

Low-Profile Keyboard Kit. Upgrades old keyboard 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*

Extended BASIC ROM Kit. Allows advanced graphics or disk drive capability. Requires 16K RAM. 26-3018 39.95*

*Installation required (not included). Some installations may require additional-cost hardware.

POWERFUL COLOR COMPUTER 3



Superb Graphics Resolution and Uncompromising Performance at An Incredible Price

NEW FOR 87

219⁹⁵

Low As
Less Monitor \$20 Per Month*

- Choose From a Palette of 64 Brilliant Colors
- Produce Sharp, Crisp Graphs and Illustrations
- Display 32 × 16, 40 × 24 or 80 × 24 Text
- 160 × 192, 320 × 192 or 640 × 192 Resolution
- Use With a High-Resolution Monitor or Your Own TV
- Expands Easily As Skills and Needs Grow

128K Extended BASIC Color Computer 3. Introducing Radio Shack's newest version of our famous Color Computer. The Color Computer 3 can be used in a variety of applications such as graphics, programming, budgets, word processing, database management, spreadsheet analysis and many others. 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 new CM-8 monitor (sold separately, at

right)—and you can create incredibly detailed charts, graphs and engineering drawings in vivid colors. The special higher graphics mode lets you paint 160 × 192- or 320 × 192-resolution graphics using 16 out of the 64 total colors. Or produce razor-sharp 640 × 192-resolution in 4 colors. The 21 new commands featured in the Color Computer 3's Extended BASIC language allow you to switch between screens, colors and backgrounds at a higher resolution and in a greater variety of colors than any previous Color Computer. When connected to a TV, the Color Computer 3 will display text in a 32-character by 16-line format. Get a 40-character by 24-line or 80-character by 24-line display with a monitor. Best of all, the new Color Computer 3 is compatible with software and accessories designed for the Color Computer 2 (in the Color Computer 2 mode). Expands easily with disk drives, printer, telephone modem and more. UL listed AC. 26-3334 219.95

Color Computer 3 512K Upgrade Kit. Installation required (not included). 26-3335 149.95

New! High-Resolution Color Monitor

CM-8 RGB Analog Color Monitor. Designed for use with the Color Computer 3. Displays up to 80 × 24 text and 640 × 192 graphics. It is the perfect complement to the superb graphics capabilities of the Color Computer 3. The CM-8 features a 13" diagonal screen and a built-in speaker with volume control. Includes cable. UL listed AC.

26-3215 299.95

SPECIFICATIONS FOR COLOR COMPUTER 3. Microprocessor: 68B09E 8-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 (uppercase/lowercase). Color graphics capabilities range from 64 × 32 (8 colors) to 640 × 192 (4 colors and background color) with 6 intermediate display formats. High-resolution graphics in the same range 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 outputs. Dimensions: 3 × 10³/₈ × 14³/₄". Power: 120VAC, 60 Hz.

SPECIFICATIONS FOR COLOR COMPUTER 2. Microprocessor: 6809E, 8-bit. Clock Speed: 0.894 MegaHertz. Keyboard: 53 keys. Video Display: 16 lines of 32 characters (upper case only). Color graphics capabilities range from 64 × 32 (8 colors) to 256 × 192 (1 color and background color) with three intermediate formats. Memory: 16K ROM and 64K RAM. Input/Output: 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms) output. Dimensions: 3 × 10³/₈ × 14³/₄". Power: 120VAC, 60 Hz.

*REVOLVING CREDIT AVAILABLE—See Page 2

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COLOR COMPUTER ACCESSORIES



A Color Mouse. Adds speed and ease to games and graphics creation. Simply "roll" the mouse across tabletop (or any flat surface) to accurately position cursor. You can use it alone or with a joystick.

26-3025 49.95

B Joysticks. Our lowest-priced joystick. Now two players can experience the fun and excitement of games at the same time. Fast 360° movement! Single-shot button.

26-3008 Pair/19.95

C Deluxe Joystick. Our best! Patented stick mechanism gives you more accurate cursor control and quicker response. Dual-axis trim controls adjust to your touch—allowing you to "fine tune" joystick to your game, business and graphics software. Select "spring-centering" or "free-floating" operation.

26-3012 Each 29.95



A Multi-Pak Interface. Connects up to four Program Pak™ cartridges to your Color Computer at once! No more plugging in and unplugging cartridges. Connect disk drives and other accessories, too. Change between slots with selector switch or under program control. U.L. listed.

26-3124 99.95

B DC Modem Program Pak. RS-232 interface and 300-baud, originate/answer modem. Transfer/receive ASCII files or access information services by phone.

26-2228 89.95

C Deluxe RS-232 Program Pak. Frees serial port for optional printer while you communicate with major information services and with other computers over telephone lines. Software is built in. Requires modem.

26-2226 79.95



A Hard Disk Interface. Use your Color Computer with Primary Drives. Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later).

26-3145 129.95

B Sound/Speech Cartridge. Adds sound, three voices and noise to your BASIC programs.

26-3144 79.95

C Orchestra-90 CC. Create highly sophisticated electronic music and sound effects with your computer and listen to it on your home stereo. Both musicians and non-musicians can compose in six octave ranges in up to five voices. Simulate various instruments and percussion.

26-3143 79.95

D Appliance/Light Controller. Connect lights and appliances to Plug 'n Power™ remote control modules (sold separately), attach the controller to your Color Computer, then program times and events. U.L. listed.

26-3142 99.95

Electronic Book Makes Learning Fun

24⁹⁵

Four Fun Programs
Available Separately

Electronic Book. Your kids will spend hours learning the fun way! Each of the software packages (sold separately, below) contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make selections. Interactive routines make learning a game. Safe for kids to use, too—plugs into joystick port. Requires 16K Extended BASIC and cassette recorder.

26-3141, 24.95

Maze Master. 26-2541 19.95

Shape Maker. 26-2542 19.95

The Number Factory. 26-2543 19.95

Word Wizard. 26-2544 19.95



COLOR DISK SOFTWARE

Childpace

Track your child's early development from 3 months to 5 years old. Evaluates dexterity, language, personal and social skills. 26-3248 39.95

D.L. LOGO

Programming language designed to run under OS-9. Includes "MUSIC" to play songs with up to 4 voices, "SAY" for support of Speech/Sound cartridge, and joystick support. 26-3033 99.95

OS-9 Disk Operating System

Accesses the entire memory of our 64K Color Computer. Includes editor/assembler. 26-3030 69.95

New! OS-9 Level II

Similar to OS-9 (above), but with enhancements for Level II to support 512K RAM and dual speed. Includes standard I/O drivers and BASIC-09. 26-3031 79.95

OS-9 Development System

Complete editor/assembler with full-screen editing and specialty I/O drivers for Color Computer 3. Requires OS-9 Level II. 26-3032 99.95

Multi-View

User-friendly graphics interface for OS-9 Level II programs. "Window" multiple applications on your Color Computer 3. 26-3035 49.95

PASCAL-09

A complete implementation of this structured programming language. Requires OS-9 DOS. 26-3034 99.95

BASIC-09

An enhanced version of standard BASIC written for the 6809 microprocessor. Includes advanced features derived from PASCAL. Requires OS-9 DOS. 26-3036 99.95

C Compiler

A high-level language that produces assembly language source code for the 6809 microprocessor. Requires OS-9 DOS and 2 disk drives. 26-3038 99.95

OS-9 Screen Print

Print high-res Color Computer graphics. Requires CGP-220 for four-color printouts or dot-matrix printer with bit-image mode for B&W. Requires OS-9 DOS. 26-3221 14.95

OS-9 Profile

A personalized electronic filing system. Requires 64K and OS-9 operating system. 26-3274 49.95

New! Phantomgraph

Graph data from database or user input. 26-3276 (Avail. 1/15/87) 49.95

TRSCOPY

Allows transfer of text files between "OS-9" disks and "Color Computer Disk Basic" disks. 26-3263 24.95

COOKBOOK

Two programs in one—an all-purpose menu planner and recipe index file. 26-3257 39.95

TSEDIT

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

TSWORD

A format program that forms a powerful OS-9 word processing package when combined with TSEDIT. Illustrated menus. Requires 64K. 26-3267 34.95

New! TSSpell

A spelling checker/corrector designed to run under OS-9 in conjunction with TSWORD. 26-3266 39.95

Investograph

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

Cash Budget Management

A sophisticated personal or small business bookkeeping program. 26-3261 49.95

DYNACALC

A powerful electronic spreadsheet. Features 256 columns and 256 rows. Requires 64K. 26-3275 99.95

Mickey's Space Adventure

Children will learn problem-solving skills while operating a spacecraft. 26-3247 29.95

Biosphere

An ecological simulation game that teaches children to create a workable ecology. Requires 64K. 26-3280 29.95

Robot Odyssey I

Logical problem solving, abstract reasoning and creative thinking. Requires 64K. 26-3284 34.95

Rocky's Boots

Players invent machines to solve puzzles, including games they design. Requires 64K. 26-3283 34.95

PAN

Write your own songs! Includes everything you need to compose music in three-part harmony. 26-3279 29.95

New! Zone Runner

Transport various items between the outposts of the galaxy while avoiding the patrols, pirates, escorts and mines. 26-3286 29.95

New! The Color Computer Artist

A user-friendly picture editor for the Color Computer 3 using OS-9 Level II. Select paint, spray, draw, zoom, stamp and more from menu icons. 26-3277 29.95

Pitfall II

Help Pitfall Harry on a treacherous journey to recover the magnificent Raj diamond. Requires 64K RAM and joystick. 26-3287 29.95

One-on-One

Dr. J (Julius Erving) and Larry Bird play basketball, one on one style. Control either player and try to win. 26-3288 .. 34.95

Flight Simulator I

Learn the basics in manual control of ailerons (pitch and roll), compass readings, take-off and landing and more. Requires 64K and joystick. 26-3108 24.95

Varloc

Chess pieces must wage a battle for victory of each square. You control one side, the computer the other. 26-3291 29.95

Desert Rider

How long do you think you can survive this treacherous, grueling motorcross track? Joystick required. 26-3292 29.95

Ghana Bwana

You're in an outrigger trying to reach an island. Obtain the treasure and win. Joystick required. 26-3293 29.95

New! Rogue

Rogue is so full of unpredictable monsters, ever-changing magic and hidden dangers that it's never the same game twice. 26-3297 29.95

The Interbank Incident

Find the thieves who have stolen a code book from the Interbank Corporation. Requires 64K. 26-3296 29.95

COLOR COMPUTER SOFTWARE

DeskMate

An integrated package of seven commonly used personal productivity applications on one disk: Text, Ledger, Index Cards, Paint, Telecom, Calendar and Calculator. DeskMate is very user friendly. You can easily select an application (identified by name and icon) with your mouse, joystick or keyboard arrow keys.

TEXT—A general-purpose text entry and editing program that performs search and replace; file merge; and block select, copy and delete. It's ideal for writing correction-free letters, memos and short reports.

LEDGER—A simple spreadsheet which includes an easy-to-use menu and automatic column formatting. You can use Ledger to do budgeting, sales forecasting, profit and loss projections and other "What if . . . ?" calculations.

INDEX CARDS—A personal filing system. You can enter and edit data and perform simple sorts and searches. It's ideal for keeping track of names and addresses.

PAINT—A four-color picture editor to create graphics screens. You can easily create lines, shapes, patterns, fill in areas with color and enter text. Using Paint, you can create colorful charts, graphs, designs, even "doodles" on your screen, then print a copy on a dot-matrix or ink-jet printer.

TELECOM—A communications program to access national information services, plus transmit and receive ASCII files from other computers by phone (requires modem). Telecom makes it easy to access computer bulletin boards.

CALENDAR—A simple monthly calendar that displays "to do's" for any date. An easy way to organize your day.

CALCULATOR—A four-function calculator available within any application.

Color Computer DeskMate. 26-3259 99.95

DeskMate 3. Designed exclusively for the power of the Color Computer 3. Same features as DeskMate (above), but with a 40/80-column switchable display for Text, Ledger and Telecom. 26-3262 (Avail. 3/15/87) 99.95

New! Color File II

With Color File II you can easily and quickly store, retrieve and use various types of important data, such as addresses, warranties and personal records. You can easily alphabetize, select, examine, print, change and save your information. 26-3110 (Avail. 2/15/87) 24.95

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

Personal Finance II

Easy-to-use household budget program. Keeps track of 9 bank accounts and 26 budget categories. Balance your check-book and keep accurate records of your expenditures in each budget category. Review your expenditures on a monthly or yearly basis. 26-3106 29.95

New! Color SCRIPSIT II

Color SCRIPSIT II is a word processing system that includes an editor to enter and edit text and text formatting commands. The view mode allows the user the ability to change the format control information while viewing the page. 26-3109 (Avail. 2/15/87) 29.95

Color Screen Print Utility

② Provides multi-color printouts of color graphics scenes produced from any graphics program. For use with color ink-jet printer (26-1268)/dot-matrix printer. Requires 16K. 26-3121 9.95

Editor/Assembler

Develop 6809 software programs or subroutines. You get trial assembly of object code and execution of your program in-

memory before final assembly to tape, an editor that enables you to change your program and reassemble, and Z-Bug for quick and easy testing. Requires 16K. 26-3250 39.95

Atom

① Teaches the names of elements, their atomic numbers, configurations and main properties. Includes beautiful wall poster. 26-3149 19.95

Vocabulary Tutor

Match words with their definitions and place words in the appropriate sentences. For grades 3-5.

Vocabulary Tutor 1. ② 26-2568 8.95

Vocabulary Tutor 2. ② 26-2569 8.95

Color Computer Learning Lab

② Self-teaching course in standard Color BASIC.

26-3153 49.95

Color Math

Math skills for ages 6-14. Includes problems in addition and subtraction. 26-3201 19.95

New! Winnie the Pooh

It's easy to get lost in the Hundred Acre Wood, so be careful. Improves map skills, reading ability, and logical thinking.

26-3244 (Avail. 3/15/87) 34.95

New! Donald Duck's Playground

Whether working at the produce stand, stocking toy store shelves or sorting cargo. Learn to recognize and match shapes, color and letters. 26-3245 (Avail. 3/15/87) . . . 34.95

New! Cave Walker

Do you have what it takes to find the fabulous Treasure of the Ancients? Watch out for the steam vents, fireballs, bullets, and the Great White Bat. 26-3246 24.95

New! Koronis Rift

Take part in a daring raid to claim the Ancient's exotic technologies. 26-3298 (Avail. 2/15/87) 29.95

New! Rescue on Fractalus

As a member of the elite Rescue Squadron, your mission is to rescue downed pilots. 26-3299 (Avail. 2/15/87) 29.95

Program Pak Games

Dragonfire

① You must dodge fireballs tossed by the dragon to get to the treasure room. 26-3098 29.95

Downland

① Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so watch out! 26-3046 19.95

Dungeons of Daggorath

You're pitted against a succession of awesome beasts. Each victory brings you closer to your ultimate opponent—the evil wizard. 26-3093 29.95

Baseball

① Plays just like the real game! You control pitching, running and defense. 26-3095 19.95

Androne

① Your computer has been invaded by Data Bugs. Call on Androne, a user-controlled robot to hunt through your memory banks and "de-bug" them. 26-3096 19.95

Cassette Tape Game

Pyramid

② Perilous adventure game! Explore the ancient pyramid's unknown passages for treasures! 26-3310 14.95

Rescue on Fractalus and Koronis Rift/TM Lucasfilm Ltd.

① Joysticks required. ② Cassette recorder required. ③ Joysticks and cassette recorder required.

MODEMS & VIDEOTEX SOFTWARE



Communications Modems

Use with any RS-232C-equipped computer. Full duplex, originate/answer, 300 bps. Bell 103 compatible. FCC registered. U.L. listed.

Acoustic Coupler

A AC-4. Accommodates round or square handsets—ideal for use in hotel rooms where direct connection may not be possible. Also half duplex.

26-1179 119.95

New! Intelligent Modem

B DCM 7. Switch selectable between Hayes® and Tandy command sets. Easy-to-use auto-dial/auto-answer. Connects directly to modular phone jack.

26-1394 99.95

Direct-Connect Modem

C DCM 6. Our lowest priced modem! Plugs directly into modular phone jack. Works with either DB25 or 8-pin connector (for acoustic cups). Includes a modular phone cable. 26-1393 59.95



High-Speed & Intelligent

199⁹⁵

Low As
\$20 Per Month*

DCM 212. This auto-dial/auto-answer modem is switch selectable between Hayes® and Tandy command sets. Easy-to-use menu-driven operation automatically selects 300 or 1200 bps rate. Bell 212A compatible.

26-1385 199.95



Integrated Phone and Modem Gives You 2 Devices in 1

Modemfone™ 100. Get the extraordinary convenience of a telephone and modem in one affordable unit. Telephone features switchable Touch-Tone/pulse dialing, adjustable ringer volume and one-button touch redial. Hearing aid compatible. Modem features full duplex, originate/answer, 300 bps. Standard RS-232C computer connection. Bell 103 compatible. FCC registered. U.L. listed AC adapter.

26-1386 99.95



RS-232C Selector Switch

149⁹⁵

Low As
\$20 Per Month*

SW-303. Connect three RS-232C devices to your computer. One configurable port for communications. U.L. listed. Cables not included. 26-1499 .. 149.95

Access Information by Phone

CompuServe Information Service

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

Dow Jones News/Retrieval

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

Low-Cost Videotex Packages

Videotex software packages allow access to national information networks and data bases using your computer and an optional-extra telephone interface. Simply dial a phone number (usually local), press a few keys and the desired information appears on your screen. Includes a Videotex software manual, CompuServe manual, ID number and password, and a Dow Jones manual and password. You also get one FREE hour on both the CompuServe and Dow Jones! After that, you'll be billed at their low hourly rates.

Color Computer Package. 26-2222 29.95

Universal Sign-Up Kit. Includes information kit for CompuServe and Dow Jones. Requires software or terminal emulation. 26-2224 19.95

Videotex Plus

A powerful and sophisticated communications package for your disk system. Videotex Plus lets you communicate with any computer information service (with the same communications protocol as Videotex), such as CompuServe and Dow Jones News/Retrieval. It's simple to use, yet loaded with features to help you minimize connection time. Requires modem.

Model I/III Package. 26-1588 49.95

Model 4 Package. Same as above. 26-1598 49.95

Tandy 2000 Package. Same as above. 26-5260 49.95

*REVOLVING CREDIT AVAILABLE—See Page 2. Use Modems only with Bell-compatible equipment. Direct-connect modems are not for multi-line use without optional-extra controller. Hayes/TM Hayes Microcomputer Products, Inc. Modemfone/TM Tandy Corp. CompuServe/TM CompuServe, Inc. Dow Jones News/Retrieval/TM Dow Jones & Co., Inc.

TANDY PORTABLE COMPUTERS



Our Popular Tandy 200

799⁰⁰ ■ Multiplan Built In ■ 24,000-Character Memory Low As \$37 Per Month*

Tandy 200. A powerful problem solver. For complex spreadsheet analysis and calculations, we put popular Multiplan software into the Tandy 200's permanent memory. Do sales forecasts, profit-and-loss projections, budgeting, pricing, engineering calculations and more. An improved version of the Model 100's easy-to-use word processing program makes Tandy 200 especially useful for memos, reports and correspondence. Four other "instant-on" programs are a personal appointment calendar, address and phone directory, and telephone auto-dialer. You can even create your own programs in BASIC. The Tandy 200's high-contrast flip-up liquid crystal display has 240 x 128 resolution for big, clear graphics, or 16-line by 40-character text. Includes parallel printer, RS-232C, cassette and bar code reader interfaces. 26-3860 . . . 799.00

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. Clock Speed: 2.4 MHz. Memory: 72K ROM, expandable to 104K; 24K RAM, expandable to 72K in banks of 24K. Keyboard: Full-sized 56-key typewriter style with embedded data pad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. Display: 16 x 40 liquid crystal display, upper and lower case ASCII characters, 240 x 128 dot-matrix graphics. Modem: Built-in 300-baud direct-connect modem with auto-dialer. FCC registered. Originate and answer modes. Tone dialing signals. Input/Output: Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. Dimensions: 2 1/16 x 11 3/4 x 8 1/2". Weight: 4.5 lbs. Power Supply: Operations—Up to 16 hours on 4 "AA" alkaline batteries, and can use nickel-cadmium rechargeable batteries with minor additional-cost modification. Optional U.L. listed AC/DC charger/adaptor available. Memory—Internal rechargeable nickel-cadmium batteries.



Slimmer, Lighter Tandy 102

499⁰⁰ ■ 24K Memory ■ 40 x 8 Display ■ Five Built-In Management Programs ■ Direct-Connect Telephone Modem Low As \$23 Per Month*

Tandy 102. We've redesigned our best-selling portable—the famous Model 100—into an even smaller package. But we've retained the same remarkable features, including five instant-on programs, an 8 x 40 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" batteries. 26-3803 . . . 499.00

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. Clock Speed: 2.4 MHz. Memory: 32K ROM; 24K RAM, expandable to 32K. Keyboard: Full-size 56-key typewriter style with embedded 10-key datapad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. Display: 8 x 40 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 baud. Originate and answer. Input/Output: Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. Dimensions: 1 1/2 x 11 7/8 x 8 1/2". Weight: 3 lbs. Power Supply: Operations—Up to 20 hours on 4 "AA" alkaline batteries or optional U.L. listed AC power supply. Memory—Internal rechargeable nickel-cadmium batteries will maintain memory intact for up to 30 days with power off (depending on the amount of RAM installed) and are automatically recharged from "AA" batteries or AC power.



Portable 100/102/200/600 Accessories

- A Disk/Video Interface*.** 184K disk drive and TV/monitor interface. 26-3806 . . . 499.00
New Low Price! Second Disk Drive. For 26-3806. Installation not incl. Was \$239.95 in RSC-16. 26-3807 . . . 199.95
B Portable Disk Drive 2*. 200K of data on 3 1/2" floppies. Requires four "AA" batteries or AC Adapter (not included). 26-3814 . . . 199.95
C Carrying Case*. 26-3811 . . . 39.95
Portable Disk Drive Carry Case. 26-3815 . . . 24.95
D Tandy 600 Carrying Case. 26-3905 . . . 59.95
E Bar Code Wand*. 26-1183 . . . 99.95
Acoustic Coupler 2. 26-3818 . . . 39.95
Printer Cable. 26-1409 . . . 14.95
Modem Cable. 26-1410 . . . 19.95
AC Adapter*. 26-3804, 5.95
Legs. 26-3812 . . . 3.99
Model 100 8K RAM Upgrade. Req. installation (not incl.). 26-3816 . . . 49.95
New! Tandy 102 8K RAM Upgrade. 26-3817 . . . 14.95
Tandy 200 24K RAM Upgrade. Req. installation (not incl.). 26-3866 . . . 199.95
Tandy 600 96K RAM Upgrade. Installation recommended. 26-3910 . . . 299.95

TANDY 600 WITH DISK DRIVE

**Our Most
Powerful Portable
Computer!**

1599⁰⁰

Low As
\$74 Per Month*

- Self-Contained 3 1/2" 360K Disk Drive
- Five Built-In Applications
- 300-bps Direct Connect Modem
- Typewriter-Style Keyboard

Tandy 600. Features five resident applications. Multiplan, the popular "second-generation" spreadsheet, can do and show more because of the Tandy 600's larger display and expanded memory. Word processing is easy using a subset of Microsoft® Word. File is an electronic database for names and addresses, expenses, client billing, inventory and more. With Telecom and the Tandy 600's built-in modem, you're able to communicate with other computers over phone lines and access national information networks. Telecom will even dial the phone number of anyone listed in File. Calendar helps you keep track of daily tasks and activities. Weighs 9 1/2 pounds and measures 12 x 13 x 2 3/4".
26-3901 1599.00



SPECIFICATIONS: Microprocessor: 16 bit 80C88 CMOS. Clock Speed: 3.07 MHz. Memory: 160K ROM; 32K RAM, expandable to 224K RAM. Keyboard: Full-size 73-key typewriter style with embedded 10-key datapad. Display: 80 x 16 Liquid Crystal Display, upper and lower case ASCII characters. 480 x 128 dot-matrix graphics. Modem: Built-in FCC-registered direct-connect modem with auto-dialer. 300 baud. Originate and answer. Input/Output: Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Dimensions: 2 3/4 x 12 x 13". Weight: 9.5 lbs. unit, 11 lbs. with AC adapter. Power Supply: Operations—Up to 8 hours with 1 hour disk access on built-in rechargeable batteries. U.L. listed AC adapter.

Tandy 600 Programs

BASIC ROM. Write your own programs.
26-3904 129.95

Tandy 200 Programs

Bar Code Writer. Takes input from Model 200 TEXT files and produces bar codes in six forms. Requires 24K, cassette recorder, printer and cables. 26-3895 34.95

Bar Code Drivers. Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and bar code wand. 26-3896 19.95

Data Manager. Lets you store, examine, update and list a variety of information—from personal records to appointment schedules. Requires cassette recorder.
26-3886 39.95

MultiSolutions. Plugs into ROM socket. Includes three applications: a word processor, a Time Minder and Data Manager. Requires 24K. 26-3894 149.95

Project Scheduler. Divide a large job into individual tasks. Requires 24K and cassette recorder. 26-3893 39.95

Romulus Chess. Choose from seven playing levels. Requires cassette recorder. 26-3890 19.95

Tandy Code Read/Write. Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3897 24.95

Text Power 200. Turns your Tandy 200 into a true word processor—much more powerful than the built-in word processing program. Includes advanced formatting capabilities. Requires cassette recorder. 26-3881 39.95

Time Minder. Manage your appointments and expenses effectively or just display a calendar for any month of any year. Requires cassette recorder. 26-3883 39.95

Tandy 100/102 Programs

Remote Disk. Allows you to use your Model I/III/4/II/12/2000/Color Computer disk drive as a storage area for your Model 100 files. Includes cassette and diskette.
26-3839 59.95

Assembler/Debugger. Debug, write and assemble machine language code. Requires cassette recorder.
26-3823 49.95

Data Manager (Cassette). Requires 24K memory and cassette recorder.
26-3836 39.95

SCRIPSIT® 100. Features advanced formatting capabilities. Requires printer and cassette recorder.
26-3830 39.95

Calculator. Powerful math "scratchpad" for finance and regular math functions. Requires cassette recorder.
26-3827 19.95

Executive Calendar. Schedule appointments or display a calendar for any month. Requires cassette recorder.
26-3833 19.95

Interactive Solutions. Contains three programs: Data Manager, Spreadsheet and Text Formatter. Information stored in Data Manager can be utilized by Spreadsheet and Text. Data Manager can have up to 20 fields per record. Spreadsheet can be a maximum of 99 rows and 99 columns. Text gives you several printing parameters for better document control. Plugs into ROM socket—programs are not stored in RAM.
26-3844 149.95

Multiplan. This ROM program is a portable version of the popular spreadsheet analysis program. Plugs into ROM socket—programs are not stored in RAM.
26-3829 149.95

*RAM Upgrades Are in Banks of 96K Each—Installation Recommended. *REVOLVING CREDIT AVAILABLE—See Page 2.

43

HANDY POCKET COMPUTERS

PC-6 Pocket Scientific Computer



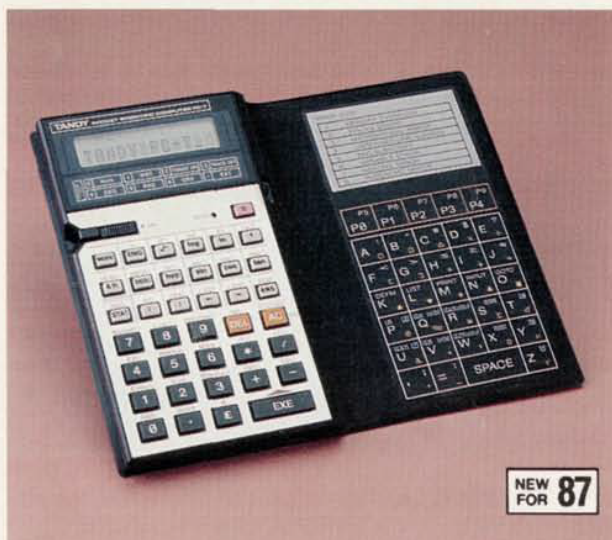
119⁹⁵

Low As
\$20 Per Month*

- 65 Built-In Scientific Functions
- Programs in BASIC and Assembly Language

Pocket Scientific Computer PC-6. An ideal tool for engineers and students, the PC-6 combines the best features of a powerful scientific calculator and a pocket computer. Performs up to 65 scientific calculations—or write your own programs in BASIC or assembly language. Retains programs and data even when power is off. A built-in Note and Address File keeps important telephone numbers or engineering data and formulas handy. Features an easy-to-read, 24-character LCD. Uses PC-4 Cassette Interface and Printer with PC-5/6 Cable (all sold separately). 8K RAM. Folds up to only $\frac{3}{4} \times 1\frac{13}{16} \times 5\frac{5}{8}$ ". Includes battery. 26-3672 119.95
8K RAM Module. 26-3674 19.95
PC-4/5/6 Cassette Interface. See PC-4. 26-3651 39.95
PC-4/5/6 Printer. See PC-4. 26-3652 79.95
PC-5/6 Cable. 26-3671 14.95

PC-7 Pocket Scientific Computer



69⁹⁵

- With 72 Scientific and 17 Statistical Calculations
- Features 2K RAM
- Programs in BASIC

Pocket Scientific Computer PC-7. Keep track of important data and calculations wherever you go with our new PC-7 Pocket Computer. This incredible, compact unit performs up to 72 scientific calculations and 17 statistical calculations. This makes it perfect for engineers, students and professionals who need exact mathematical data rapidly. Mathematical functions include trigonometric, logarithmic/exponential, absolute value, permutations, standard deviation, linear regression and many others. The PC-7 features 2K random access memory and 35 commands in BASIC including: CLEAR, END, INPUT, DATA, READ AND STAT. You can even write your own programs in BASIC! Keyboard composed of 72 keys. Measures $1\frac{3}{32} \times 5\frac{1}{2} \times 7\frac{3}{32}$ ". 26-3673 69.95

Low-Cost PC-4 Pocket Computer



59⁹⁵

- Measures $\frac{3}{8} \times 6\frac{1}{2} \times 2\frac{3}{4}$ "
- 544-Character Memory

Pocket Computer Model PC-4. Lets you keep up to 10 short programs in memory or combine the programming area for longer programs. BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Use just two key-strokes to enter up to 16 common commands. Edit and Debug modes make the PC-4 easier to program than a programmable calculator. Typewriter-style keyboard includes 53 alphabetic keys and a 10-key numeric datapad. A big 12-character LCD scrolls to 62 characters. With batteries and manual. 26-3650 59.95

A PC-4/5/6 Cassette Interface. Store and load programs on cassette tapes using an optional cassette recorder. Requires two "AA" alkaline batteries. 26-3651 39.95

B PC-4/5/6 Printer. Prints at 20 characters per line (60 lpm) in an electro-thermal 5x7 dot matrix. Includes rechargeable batteries and U.L. listed AC adapter/charger. 26-3652, 79.95
PC-4/5/6 Thermal Paper. 65-711 Pkg. of 5/1.99

COMPUTER REFERENCE BOOKS



Model I/III/4

Model 4/4P Technical Reference Manual. 26-2119 . . . 29.95
Getting Started with TRS-80 BASIC. Entertaining introduction to Level II and Model III BASIC programming. 342 pages. 26-2107 . . . 6.95

Color Computer

BASIC 09 Tour Guide. A complete reference guide of system commands and lists each BASIC 09 keyword in alphabetical order. 26-3189 . . . 14.95
Rainbow Guide to OS-9. Includes an overview of OS-9, hands-on examples, utility commands set and major programming languages. 26-3190 . . . 16.95
Getting Started with Extended BASIC. Teaches Extended BASIC features. 26-3197 . . . 8.95
The Color Computer Playground. Features 42 entertaining and useful programs. 26-3196 . . . 7.95
Color Computer Quick Reference Guide. Functions, ROM subroutines, handy index and more. 26-3194 . . . 4.95
TRS-80 Color Computer & MC-10 Programs. 40 programs. 26-3195 . . . 5.95

Tandy 1000

The Complete Guide to the Tandy 1000. Explains how to get the most from your Tandy 1000. Covers IBM compatibility, software, hardware, expansion and more. 25-1505 . . . 14.95
MS-DOS: The Basics, Vol. I. Describes set-up, preparing diskettes, managing files and using a hard disk. 25-1506 . . . 7.95
MS-DOS: Advanced Applications, Vol. II. Covers file structure, controlling data flow, personalizing your system, troubleshooting. 25-1507 . . . 14.95
Learning BASIC for Tandy 1000/2000. An excellent tutorial for learning BASIC programming by Dr. David Lien, author of our famous Model I Owner's Manual. 25-1500 . . . 19.95
New! MS-DOS/GW-BASIC Reference Guides. Includes reference materials for MS-DOS and GW-BASIC 2.11 and 3.20. 25-1508 . . . 29.95
Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 . . . 14.95
Technical Reference. Schematic diagrams and theory of operation. 25-1504 . . . 29.95

Portable Computers

Tandy 200 Book. A complete step-by-step tutorial. 26-3869 . . . 19.95
Tandy 200 Technical Reference Manual. 26-3861 . . . 29.95

Model 100 Technical Reference Manual. 26-3810 . . . 9.95
The TRS-80 Model 100 Portable Computer. A complete step-by-step learner's manual. 26-3819 . . . 14.95
Portable Computing With the Model 100. Emphasizes practical applications of Model 100. Includes cassette tape with 12 programs. 26-3820 . . . 14.95

Source Books

New! Applications Software Sourcebook, Vol. 8. Includes over 2800 ready-to-run programs of all types for sale by a variety of vendors. 26-215 . . . 7.95

Microcomputer News

TRS-80 Microcomputer Newsletter Reprints. Includes the first 20 issues published to December, 1980, in one volume. 26-2115 . . . 4.95
Newsletter Reprints. Jan. thru Dec. 1981. 26-2240 . . . 6.95
Newsletter Reprints. Jan. thru Dec. 1982. 26-2241 . . . 9.95

Reference Books

How to Use Your Radio Shack Printer. Explains dot-addressable graphics, print codes, more. Includes programming examples. 26-1242 . . . 14.95
Dictionary of Microcomputer Terms. Clear, understandable definitions, many with illustrations. Reference section of abbreviations, acronyms and symbols. 96 pages. 62-1392 . . . 2.79

Computer Science

Computer Reference Handbook. Model I, II, III, 4, 100, Color Computer and MC-10. 344 pages. 62-2314 . . . 2.95
Understanding Computer Science, Vol. I. Covers hardware, programming and languages. 256 pages. 62-1383 . . . 3.95
Understanding Computer Science, Vol. II. Covers graphics, networks, communications and application design. 256 pages. 62-1395 . . . 3.95
Understanding Data Communications. Explains the transmission of words and symbols from a source to a destination. 256 pages. 62-1389 . . . 3.95
Understanding Digital Troubleshooting. Provides basic troubleshooting techniques in an easy-to-learn format. 272 pages. 62-1398 . . . 3.95
Understanding Digital Electronics. Explains digital electronic devices, circuits and systems. 240 pages. 62-2010, 3.95
Understanding Microprocessors. 296 pages. 62-2017, 2.95
Understanding Artificial Intelligence. Covers symbolic processing, expert systems, natural language processing and system applications. 62-1399 . . . 3.95

★REVOLVING CREDIT AVAILABLE—See Page 2

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