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Printers

Printers

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Recent major breakthroughs in the microcomputer printer market have simultaneously lowered prices and increased printer capabilities and features. Alpha Byte Computer Products offers the best of these new lines at prices that are hard to believe.

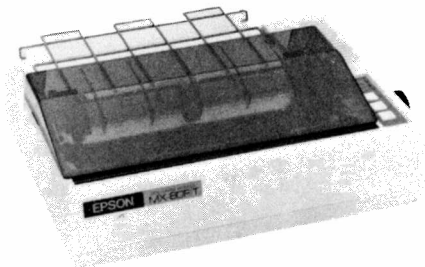
DOT MATRIX PRINTERS

EPSON HIGH QUALITY LOW COST MATRIX PRINTERS

Although Epson is a relatively new company, its research and development activities have allowed it to enter the printer market and make a significant impact almost overnight. Epson was the first manufacturer to offer user replaceable matrix print heads; and, while all Epsoms list for under \$800, each offers features that until recently were only available on printers for over \$1,000.

EPSON MX-70 Printer EPS-HP-005 399.00

The Epson MX-70 is a low-cost, high quality printer designed for individuals whose hard copy device requirements do not include a lot of bells and whistles. The MX-70 is a dual mode (text and bit image) unidirectional printer with a maximum print speed of 80 characters per second or 27 lines per minute (with an 80 column line). It prints the full 96 ASCII character set, has a bit plot graphics capability of 480 dots per line (60 dots per inch), and supports expanded printing and alteration of line and form feed through program control. Its adjustable tractor-type pin feed paper mechanism will handle paper widths of 4 to 10 inches, while the print head will clearly imprint up to 3-part paper. It comes complete with a Centronics style 8-bit parallel interface, GRAFTRAX II, dot resolution graphics, power ON/OFF indicator light, self test, and a user replaceable print head that has a life expectancy of 50 to 100 million characters.



EPSON MX-80 and MX-80F/T Printers

The MX-80 and the MX-80 F/T are in the middle of the Epson matrix printer line. These 80 character per second bi-directional printers are identical — except for their paper feed mechanisms: the 80 uses a tractor-like pin-sprocket mechanism while the 80 F/T supports both friction and tractor feed. Both print the complete 96 character ASCII set as well as 64 block graphics characters. And both support four character modes (Normal, Normal Expanded, Compressed, and Compressed Expanded) allowing a range of characters per inch of 5 to 16.5 (i.e., from 40 to 132 characters per line) from a 9 X 9 matrix configuration. The forms-handling capabilities of the 80 series are also impressive: line feed length is programmable from 1/72nd to 85/72nds; form feed is programmable to 66 lines per page; horizontal tabbing is supported to 112 positions, while vertical tabbing can be accomplished in up to 64 positions.

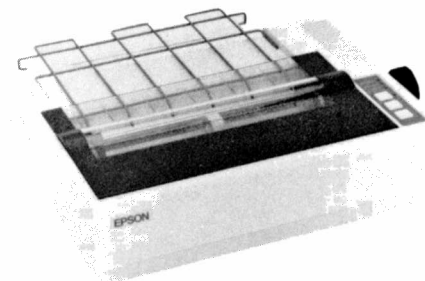
Features:

- Paper widths of 4" to 10"
- Clear print impressions for up to 3-part paper
- Indicator Lights for Power-On, Printer Ready, Paper Out, On-Line
- Switches for Power On/Off, On Line, Form Feed and Line Feed
- One line character buffer
- Centronics-style 8-bit Parallel interface.

Options Include:

- Serial RS-232C and IEEE-488 interface support
- GRAFTRAX high resolution bit image graphics capability

| | | |
|---------------|------------|--------|
| Epson MX-80 | EPS-HP-010 | 437.00 |
| Epson MX-80FT | EPS-HP-020 | 557.00 |



| Description | Order Number | Price |
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Epson MX-100 Printer

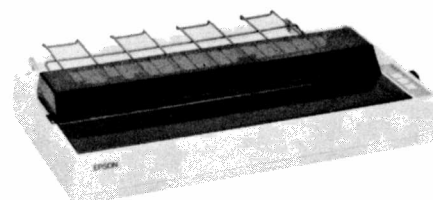
EPS-HP-030

713.00

At the top of the Epson printer line, the MX-100 correspondence quality printer uses a 9 X 9 dot matrix to provide twelve distinct character sizes and weights on paper in widths from 4" to 15.5". The print mechanism supports print speeds of up to 80 characters per second or 46 lines per minute with an 80-column line. GRAFTRAX, Epson's "ultra-high resolution" bit image graphics firmware, is a standard feature on the MX-100.

Features:

- Support of all 96 ASCII characters
- Dot graphics density of 60 dots per inch in normal mode or 120 dots per inch in double density mode
- Print Modes of Normal (10 cpi), Normal Expanded (5 cpi), Compressed (16.5 cpi), and Compressed Expanded (8.25 cpi)
- Programmable Line Feed length of 1/72nd to 85/72nds
- Form Feed line length programmable to 127 lines
- Up to 12 Horizontal Tab positions and up to 8 Vertical Tab positions
- Indicator Lights for Power, Printer Ready, Paper Out, On Line
- Switches for Power On/Off, On Line, Form Feed, Line Feed
- Print Head life expectancy of 100 million characters
- Self Test Mode
- Standard Centronics-type 8-bit Parallel Interface Options include a 2K buffer, serial RS-232C
- IEEE-488 interfaces



Epson Accessories

| | | |
|---------------------------------|------------|-------|
| GRAFTRAX-80 | EPS-HP-110 | 90.00 |
| MX-70, MX-80 F/T Printhead | EPS-HP-130 | 40.00 |
| MX-100 Printhead | EPS-HP-260 | 46.00 |
| MX-70, MX-80 F/T Ribbon | ASP-SR-010 | 13.00 |
| MX-100 Ribbon | EPS-SR-010 | 24.50 |
| MX-80, MX-80 F/T Service Manual | EPS-HP-150 | 30.00 |
| MX-100 Service Manual | EPS-HP-160 | 40.00 |

Epson Cables and Interfaces

| | | |
|-----------------------------------|------------|--------|
| TRS-80 Model I, III Cable | CET-CB-010 | 30.00 |
| TRS-80 Model II Cable | CET-CB-020 | 30.00 |
| TRS-80 Model Keyboard Interface | EPS-HP-090 | 95.00 |
| Epson Apple Interface & Cable | EPS-HP-080 | 100.00 |
| Epson IEEE Interface | EPS-HP-060 | 55.00 |
| Epson IEEE Cable | EPS-HP-070 | 25.00 |
| IBM Personal Computer Cable | CCB-CB-010 | 35.00 |
| Atari Parallel Cable | EPS-HP-120 | 35.00 |
| Northstar Parallel Cable | CCB-CB-030 | 35.00 |
| Serial Cable DB-25 | CCB-CB-020 | 30.00 |
| Altos Parallel Cable | CCB-CB-050 | 45.00 |
| Microbuffer II 16K w/Cable-Apple* | PPI-HP-010 | 259.00 |
| Microbuffer II 32K w/Cable-Apple* | PPI-HP-020 | 299.00 |
| Epson Standard Serial Interface | EPS-HP-140 | 70.00 |

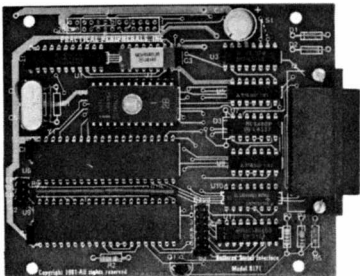
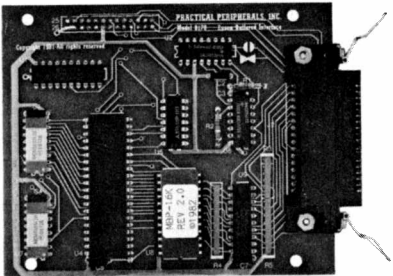

*See the description of the Microbuffer II in the Apple Hardware Section.

BUFFERED EPSON INTERFACES FROM PRACTICAL PERIPHERALS

Two Buffered Interfaces are available for Epson MX-80, MX-80 F/T, and MX-100 Printers that will increase your data processing efficiency. A Practical Peripherals Microbuffer allows you to use your computer and your printer simultaneously. It accepts data as fast as your computer can send it, freeing your computer for other data processing.

Both the MBS-8K and the MBP-16K simply plug into the existing auxiliary interface connector inside the Epson printer, and interface directly to standard Epson printer cables. The Practical Peripheral interfaces support all Epson functions and printer commands, including GRAFTRAX-80. (Printer SELECT not supported by MBP-16K, current loop and baud rates below 300 not supported by MBS-8K).

Printers

| | Description | Order Number | Price |
|---|--|-------------------|---------------|
|  | MBS-8K RS-232C Serial Interface w/8K Buffer | PPI-HP-050 | 159.00 |
| | The MBS-8K is an EIA RS-232C compatible interface with a 8,192 byte buffer that supports both hardware handshaking and X-On/X-Off handshaking at baud rates of 300 to 19,200. Features: 7 baud rates 300 to 19,200 7-8 data bits, 1-2 stop bits, odd, even, or no parity Hardware Handshaking (DTR,SSD,RTS) Software Handshaking X-On/X-Off (DC3/DC1) | | |
|  | MBP-16K Centronics-Compatible Parallel Interface w/16K Buffer | PPI-HP-060 | 159.00 |
| | The MBP-16K is a Centronics-compatible parallel interface with 16,384 bytes of on-board buffer. Features: Data transfer rate over 4,000 characters per second Positive or Negative BUSY Positive or Negative STROBE | | |
| | OKIDATA MICROLINE PRINTERS | | |
| | Okidata Microline 80 | | |
| | This 80 characters per second printer has a throughput of 28 lines per minute with an 80 column line and supports friction, pin, and tractor feed. Its 9 X 7 matrix configuration provides clear images of the full 96 ASCII characters and 64 block graphics shapes, and supports normal (10 cpi), condensed (16.5 cpi), and expanded (5 cpi) print modes on up to 3-part paper (minimum paper size - 4"; maximum size - 9.5"). Line spacing is selectable at 6 or 8 lines per inch. The standard interface is a Centronics-compatible Parallel. | | |
| | Microline 80 Parallel | OKI-HP-010 | 389.00 |
| | Tractor | OKI-HP-020 | 69.00 |
| | Okidata Microline 82A | | |
|  | The Microline 82A is a 120 character per second bi-directional, logic-seeking printer that comes standard with both Centronics-type parallel and 1200 baud RS-232C serial interfaces. In addition to the 96 character ASCII set, the 82A prints 64 graphics block shapes in standard, condensed or expanded print modes. Line spacing is variable between 6 and 8 lines per inch under program control (as is the selection of printing mode) while the programmable character size permits selection of from 40 to 132 characters per line. The 9 X 9 matrix print head configuration produces crisp copy through 4-part paper and the unique design of its head pins provides a life expectancy of 200 million characters. Options available include a RS-232C interface that supports up to 9600 baud and a snap-on tractor feed. | | |
| | Microline 82A | OKI-HP-010 | 523.00 |
| | 9600 Baud Serial Interface | OKI-HP-012 | 239.00 |
| | Tractor | OKI-HP-050 | 69.00 |

| Description | Order Number | Price |
|-------------|--------------|-------|
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Okidata Microline 83A

Like the 82A, the Microline 83A is a 120 character per second, bi-directional, logic-seeking printer that can handle paper widths of 4 to 15 inches. It comes standard with both a Centronics-type Parallel and a 1200 baud (max.) RS-232C serial interface. Utilizing a 9 X 9 dot matrix, in standard printing mode, it produces crisp copies, through up to 4-part paper, of the full 96 ASCII characters (with true descenders) as well as 64 block graphics shapes. Its rubber platen allows friction feed of single sheet paper, while its standard pin feed mechanism supports fanfold paper. A snap-on tractor feed mechanism is standard. Other features include: condensed and double width printing modes, 136 character buffer, a mean-time-between-failure of 4000 hours, program selectable 6 or 8 lines per inch printing. Options include: 9600 baud Serial Interface.

| | | |
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| Microline 83A | OKI-HP-030 | 759.00 |
| 9600 Baud Serial Interface | OKI-HP-012 | 239.00 |

Okidata Microline 84

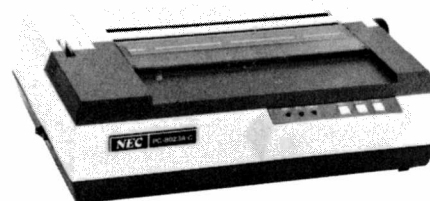
The Microline 84 is the fastest of the Okidata Microline series of dot matrix printers — it prints 200 characters per second. Like the 82A and 83A, the 84 comes standard with both Centronics-type parallel and serial RS-232C interfaces, and is bi-directional and logic-seeking. Its wide carriage allows use of paper widths of 4 to 15 inches using a snap-on tractor feed mechanism. It also supports friction feed for single sheet and roll paper. The 9 X 9 print head forms clear characters in standard, condensed and double width modes. Unlike the other matrix printers in the Microline Series, the 84 supports dot resolution graphics instead of block graphics shapes. Line spacing is programmable to 6 or 8 lines per inch, and a 136-character print buffer is standard.

| | | |
|----------------------------|------------|---------|
| Microline 84 | OKI-HP-040 | 1199.00 |
| 9600 Baud Serial Interface | OKI-HP-012 | 329.00 |

NEC Pro/writer PC-8023A Matrix Printer NEC-HP-005 488.00

NEC has long been known for its high quality thimble printers, video display screens, and printing terminals. With the introduction a microcomputer system of its own, NEC also made a high quality, reasonably priced matrix printer available.

The NEC PC-8023A is a 100 character per second bi-directional, logic-seeking, friction or tractor feed matrix printer. It supports the complete 96 character ASCII set plus Greek, mathematical, and graphics characters. Its 9-pin (7 X 9 for English characters) print head supports font sizes of 17, 12, 10, 8.5, 6, and 5 characters per inch with either fixed or proportional spacing. Six or eight lines per inch line spacing as well as a line feed capability in increments of 1/144th inch are included. Prints clean on up to 4-part paper in either cut sheet, roll or fan fold (in widths of 4 to 10 inches).

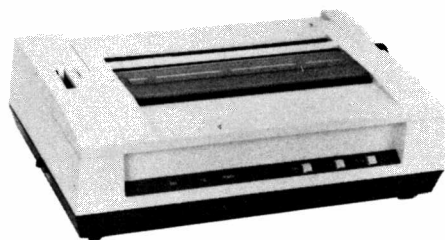


Printers

Description

Order Number

Price



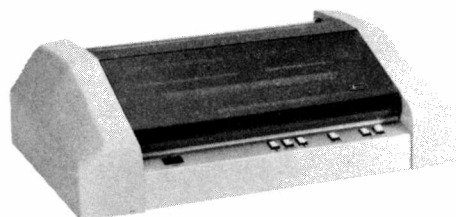
C.Itoh Pro/writer

The Pro/writer is the latest addition to the C.Itoh line of matrix and daisy wheel printers. Unlike its predecessors but similar in function to the NEC 8023A, the Prowriter is billed by C.Itoh as a "professional, not hobbyist, quality" printer. Its features include bi- or uni-directional print head, logic-seeking, quick head return motion, proportional spacing, and "shape" and "high resolution" graphics capabilities. Print speed is rated at 120 characters per second with a 10 pitch font. The Pro/writer is supported by C.Itoh's well established service network.

Features:

8 character sizes — 2 support proportional spacing
Bi-directional paper feeding and high resolution positioning
Dot resolution graphics of 144 X 160 positions per square inch
Automatic horizontal and vertical tabbing
Manual control of Select, Line Feed, Top of Form, and Power On/Off functions
Friction or tractor feed
Serial (110 - 9600 baud) RS-232C and 7-bit Parallel interfaces.

| | | |
|-----------------------------------|------------|--------|
| C.Itoh Pro/writer Parallel | CIT-HP-010 | 549.00 |
| C.Itoh Pro/writer Parallel/Serial | CIT-HP-020 | 649.00 |



Anadex Printers: Models 9500 & 9501

Anadex's DP-9500 and DP-9501 dot matrix printers are impressive designs. Each comes standard with three interface protocols — Serial RS-232C, Centronics compatible Parallel, and 20/60 ma Current Loop (for interfacing with Teletype like devices). The tractor feed mechanism is stepper motor driven to allow incremental paper advance while firmware facilitates complete forms control as well as horizontal and vertical tabbing. High density graphics are accomplished with a 9 wire print head. It will support a 150 to 200 characters per second throughput using a 9 X 9 pin configuration. Other features of the DP-9500 and DP-9501 include: bi-directional printing with shortest distance logic-seeking, double-width characters, 6 or 8 lines per inch, Self Test and clear impressions on up to 6-part paper. The DP-9500 has a horizontal dot resolution of 72 dots per inch while the DP-9501's resolution is 75 dots per inch.

| | | |
|------------------|------------|---------|
| Anadex DP-9500 | ANA-HP-030 | 1295.00 |
| Anadex DP-9501 | ANA-HP-040 | 1295.00 |
| 2K Buffer Option | ANA-HP-050 | 55.00 |

LETTER QUALITY PRINTERS

Sometimes it's necessary to sacrifice the speed of a matrix printer for the typewriter quality output of a Letter Quality printer. Alpha Byte Computer Products' selection includes the most distinguished names in the business — NEC, Diablo and C.Itoh. To determine which of these best meets your requirements read the individual descriptions and then take a look at the Letter Quality Printer Information and Comparison Chart. If you still have questions, give us a call. One of our salespeople will be happy to assist you.

C.ITOH DAISY WHEEL PRINTERS

In recent years the Japanese have invested significant sums in research and development of microcomputer peripherals. They have been able to penetrate the printer market quite successfully — the C.Itoh line of daisy wheel printers is a good example. The features that come standard on these printers meet those of significantly more expensive models manufactured in the United States.

| Description | Order Number | Price |
|-------------|--------------|-------|
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C.Itoh's Starwriter 25 CPS Daisy Wheel Printers

Through innovative use of LSI technology C.Itoh has developed a low cost 25 character per second (cps) daisy wheel printer. Available in both Centronics-type parallel and RS-232C models, this compact printer supports numerous features normally found only in far more expensive systems: the complete 96 character ASCII set, variable line spacing in increments of 1/48th inches, variable character spacing in increments of 1/120th inches, bi-directional printing, proportional spacing, and bi-directional paperfeed.

Special print functions (i.e., underlining, boldface, super/subscripting, plotting, left margin setting, horizontal and vertical tabbing, etc.) can be called by simply using standard Qume control codes. Dip switches inside the printer permit selection of data receive rate (baud rates of 300, 600, 1200, 2400), parity enable/disable, stop-bit length, auto line feed enable/disable, busy timing, character length setting, top of form setting, and proportional or non-proportional printing. Indicator lights are provided for paper out, ribbon out, power on and on-line. In addition, it uses standard Diablo type print wheels and ribbon cartridges. Maximum paper width is 15 inches, permitting up to 163 characters on a line.

The Starwriter comes standard with friction feed; however, a bi-directional tractor feed is available.

| | | |
|------------------------------|------------|---------|
| C.Itoh 25 cps Parallel | CIT-HP-030 | 1295.00 |
| C.Itoh 25 cps RS-232C Serial | CIT-HP-040 | 1495.00 |
| Bi-directional Tractor Feed | CIT-HP-070 | 239.00 |

C.Itoh Starwriter II - 40 and 45 CPS Daisy Wheel Printers

If you require a faster print speed, C.Itoh provides 40 cps serial and 45 cps parallel versions of the Starwriter.

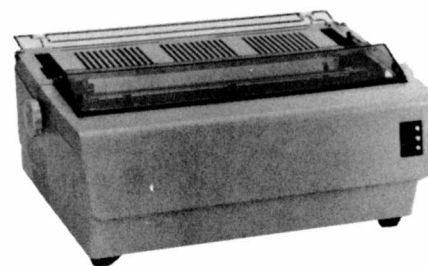
| | | |
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| C.Itoh 45 cps Parallel | CIT-HP-050 | 1770.00 |
| C.Itoh 40 cps RS-232C Serial | CIT-HP-060 | 1870.00 |
| Bi-directional Tractor Feed | CIT-HP-070 | 239.00 |
| Single Sheet Feeder | CIT-HP-080 | 1395.00 |

NEC Spinwriter Character Printers

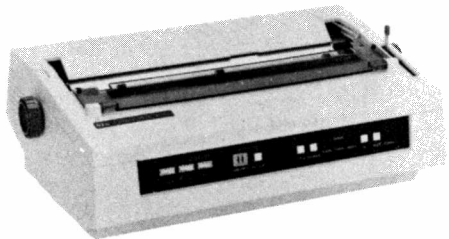
NEC designed the 7700 Series of letter quality bi-directional printers to use a uniquely designed print thimble that allows print speeds of up to 55 characters per second. These 8085 microprocessor controlled printers are available in both RO (Receive Only) and KSR (Keyboard Send/Receive) versions. With special print thimbles, the 7700 series of printers and printing terminals can produce the complete 128 character ASCII set. In addition, they feature standard character spacing of 10 or 12 characters per inch plus microspacing, variable forms select, line spacing in increments of 1/48th inches, character spacing in increments of 1/120th inches, super/subscripting, bi-directional paper feeding, horizontal and vertical tabbing, proportional and bold face printing, and character buffers. Optional features include word processing and graphics firmware, larger data buffers, and special paper handling accessories such as a cut sheet feeder and a bi-directional tractor feed mechanism.

Model numbers 7710, 7715 and 7730 are Receive Only devices, while models 7720 and 7725 are Keyboard Send and Receive units. Models 7715 and 7725 differ from the other models in that they are designed to be compatible with the Diablo 1610/1620 series of printers. The 7730 is the only model that is supplied with a parallel interface (Centronics compatible).

| | | |
|-------------------------------------|------------|---------|
| Model 7710/7715 - Serial RO Printer | NEC-HP-050 | 2475.00 |
| Model 7720 - Serial KSR Printer | NEC-HP-070 | 2995.00 |
| Model 7730 - Parallel RO Printer | NEC-HP-060 | 2645.00 |
| Vertical Tractor Feed | NEC-HP-100 | 200.00 |
| Horizontal Tractor Feed (7700) | NEC-HP-102 | 165.00 |
| Bi-directional Tractor Feed (7700) | NEC-HP-104 | 329.00 |
| Cut Sheet Feeder (7700) | NEC-HP-106 | 795.00 |



Printers



Description

Order Number

Price

NEC Model 3500

The NEC Model 3500 has features similar to the 7700 series but it prints at 30 cps. The 3500 offers NEC quality at an affordable price for situations where high speed is not a primary concern.

| | | |
|------------------------------------|------------|---------|
| NEC Model 3510 Serial RO | NEC-HP-010 | 1995.00 |
| NEC Model 3530 Parallel RO | NEC-HP-020 | 1995.00 |
| Bi-directional Tractor Feed (3500) | NEC-HP-025 | 239.00 |

Diablo Model 630

Diablo's Model 630 letter quality printer makes use of the technology developed by Diablo in its earlier printer lines. For example, the 630 has the ability to interchange metalized and plastic print wheels – allowing it to print truly proportional characters.

Features:

Serial RS-232C Interface

Switch selectable baud rates of 110, 300, 600 and 1200 with an option to substitute other rates (to a maximum of 9600) for the 600 baud setting

Bi-directional printing and paper handling

Standard print buffer of 768 bytes

Friction feed

Support of ETX/ACK and DC1/DC3 communications protocols

Paper widths to 16 inches

Optional Features:

Support for APL and European character sets

Uni and Bi-directional form feed mechanisms

Automatic single sheet feeder

Pin feed platen

The Firmware Option Package provides:

Support for word processing functions such as automatically proportionally spaced printing, right margin justification, underscoring, bold faced printing, margin control, automatic centering of text, etc.

Current loop interfacing at baud rates up to 4800 in either 20 or 60 ma

Non-volatile memory for storing system configuration features such as margins, number of lines per page, etc.

Diablo HyPlot vector plotting

Print buffer expansion to 2688 bytes

| | | |
|-----------------------------|------------|---------|
| Diablo Model 630 | DIB-HP-010 | 2099.00 |
| Bi-directional Tractor Feed | DIB-HP-020 | 379.00 |

Hardware

Hardware

| | Description | Order Number | Price |
|---|--|-------------------|---------------|
| APPLE HARDWARE | | | |
|  | Micro Sci Apple II Disk Drives | | |
| | Micro Sci Disk Drives for the Apple II offer high capacity at an affordable price. The A-40 provides five extra tracks — a 12.5% increase in storage; the A-70 provides 70 tracks — double the capacity of the standard Apple drives. These disk drives are compatible with the Apple Disk II, and include patches for DOS 3.2 and 3.3 for higher capacity. The A-35 drives are compatible with the Apple controller. | | |
|  | Features: | A-40 | A-70 |
| | Tracks/Disk Capacity (bytes) | 40 | 70 |
|  | DOS 3.2 | 133,120 | 232,960 |
| | DOS 3.3 | 163,480 | 286,720 |
|  | Track-to-Track Access Time | 3 ms | 3 ms |
| | Drives/Controller | 2 | 2 |
|  | A-40 w/o Controller | MSC-HA-010 | 409.00 |
| | A-40 with Controller | MSC-HA-020 | 499.00 |
|  | A-70 w/o Controller | MSC-HA-030 | 539.00 |
| | A-70 with Controller | MSC-HA-040 | 629.00 |
|  | A-35 w/o Controller | MSC-HA-060 | 399.00 |
| | A-35 with Controller | MSC-HA-050 | 489.00 |
|  | Microsoft Z-80 Softcard | MSF-HA-020 | 299.00 |
| | Adding the Z-80 processor to your Apple will open up a new world of programming capabilities. With the Z-80 Softcard your Apple can run Microsoft Basic 80 and other CP/M based software, which have been previously unavailable to Apple users. The Softcard is shipped with CP/M, the industry standard disk operating system. Thousands of business and professional software packages will be available to you. The Softcard package includes Microsoft Basic 80 (with Apple graphic enhancements), CP/M and all CP/M utilities, and a five hundred page Basic 80 and CP/M operator's guide. | | |
|  | Microsoft 16K RAMCard | MSF-HA-010 | 149.00 |
| | The RAMCard is a 16K memory card for the Apple II that provides a low-cost alternative to the Apple Language Card. The RAMCard is compatible with any Apple software that is able to use the Apple Language Card, Visicalc, and the Z-80 Softcard (provides 56K). | | |
|  | Microsoft Softcard Premium System | MSF-HA-030 | 619.00 |
| | The most complete system running CP/M software for the Apple II computer. Contains Z-80 Softcard, the Videx Videoterm 80-column card with soft video switch and an inverse character set, RAMCard 16K memory card, and the Osborne CP/M User's Guide. Individual descriptions can be found in this section. | | |
|  | T/G Joystick | TGI-HA-010 | 44.00 |
| | An industrial-quality component that stands up to most vigorous game play, this joystick is self-centering, and has an exclusive sealed mechanism, trim controls, and two heavy-duty push buttons. | | |
|  | T/G Game Paddles | TGI-HA-020 | 29.00 |
| | T/G's heavy-duty game paddles feature industrial grade components. Includes two game paddles, each with a large color-coded pushbutton for easy identification of paddles zero and one. | | |
|  | Apple Cooling Fan | DAN-HA-010 | 37.95 |
| | Keep your Apple II cool to insure reliable operation — heat build-up is a major cause of system failures and 'flakey' operation. The easy-to-install kit includes an industrial-quality muffin fan that mounts inside the Apple case. | | |

| Description | Order Number | Price |
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Versawriter Apple Graphics Tablet

VER-HA-020

249.00

An inexpensive but powerful graphics tablet for the Apple II computer, the Versawriter needs no special interface; it plugs into the game paddle port. The software provided allows graphic input, color control, shape design, and on-screen design. Optional advanced-feature software is available.

Versa E-Z Port

VER-HA-010

21.95

Protect your overworked game paddle port. The E-Z Port connects to the game paddle port, extends to the outside of your Apple II, and connects to a Zero Insertion Force socket. The E-Z Port lets you keep your Apple closed since all connections to the game paddle port are on an external, easy-to-use connector.

The MILL 6809 Processor for The Apple II

The Mill, by Stellation Two, is an advanced 6809E processor. More powerful than the 6502, the Mill runs along with your 6502, taking over most of the processing while the 6502 does the I/O. The Pascal Speed-Up Kit includes the Mill and a 6809 Assembler.

Features:

10 Addressing Modes

Direct addressing anywhere in Memory Map

Long Relative Branches

True Indirect Addressing

16-bit Arithmetic

Expanded Indexed Addressing; 8- or 16-bit Accumulator offsets

Auto increment/decrement by 1 or 2

Transfer/Exchange all registers

Push/Pull any registers or any set of registers

Pascal Speed-up Kit w/Mill

STL-HA-010

329.00

Assembly Language Development Kit w/Mill

STL-HA-020

329.00

Pascal Software w/o Mill

STL-HA-030

59.00

Assembler Software w/o Mill

STL-HA-040

40.00

Floating Point Math Option (Pascal)

STL-HA-050

35.00

OS/9 Operating System w/Mill

STL-HA-060

409.00

OS/9 Operating System w/o Mill

STL-HA-070

265.00

Videx Videoterm for Apple II

VID-HA-010

269.95

The Videx Videoterm for the Apple is an 80-column terminal board; most of the more powerful and popular word processors for the Apple are designed for an 80-column display. Features: 80 characters x 24 lines, true descenders, CP/M compatible, low power consumption.

Enhancer II for Apple Rev 7 & Up

VID-HA-030

125.95

The microprocessor-controlled Enhancer II gives you a fully functional Shift Key and adds other new keyboard features. Features: Type Ahead buffer, User Definable keyboard macros, Shift Lock, two-speed Auto Repeat (15 or 50 cps).

Videx Soft Switch

VID-HA-040

29.95

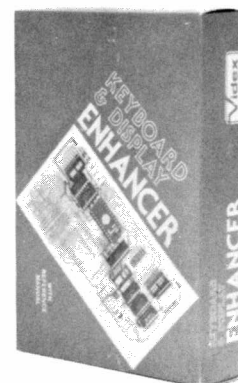
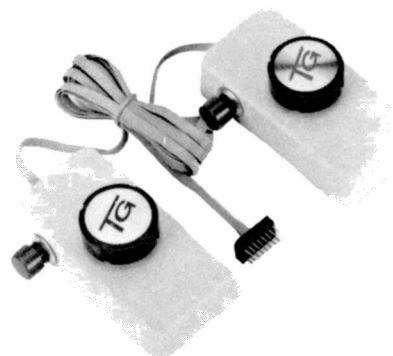
The Soft Switch provides automatic toggle between 40- and 80-column modes. The single wire Shift key mode is also supported.

Videx Keyboard and Display Enhancer for Apple REV 0-6

VID-HA-020

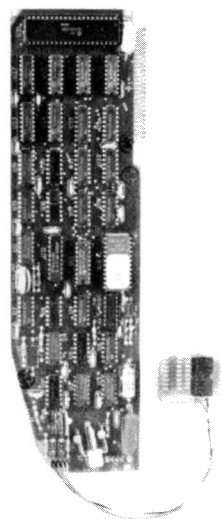
99.00

The Enhancer allows entry and display of upper and lower case letters with a fully functional Shift key.



Hardware

| Description | Order Number | Price |
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|-----------------------------|-------------------|---------------|
| M & R Sup'R'Term | MNR-HA-010 | 315.00 |
|-----------------------------|-------------------|---------------|

The Sup'R'Term provides an 80-character x 24 line, 5 x 8 dot matrix display featuring all 128 ASCII upper and lower case characters. It includes a VBC (video balance circuit) which enables display of 80 columns on low-cost monitors. Compatible with all Apple peripherals, it works with Apple BASICs, Apple Pascal, and CP/M. The Sup'R'Term also supports User Definable character sets, an adjustable scrolling window and a Shift key that gives true upper/lower case control.

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| M & R Sup'R'Mod II | MNR-HA-020 | 25.95 |
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The Sup'R'Mod II is a wideband B & W or Color compatible interface system intended to convert the home TV to a full video display for home computers. The Sup'R'Mod II is pre-tuned for U.S. channel 33 (UHF) and includes a coaxial cable, a transformer, and an antenna/computer switch.

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| ABT Apple KeyPad | ABT-HA-010 | 97.00 |
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Engineered for use on the Apple II, the KeyPad provides a 13-key auxiliary data entry pad to ease repetitive numeric entry tasks. The KeyPad interfaces to the Apple II through the game paddle port. Features: digits 0-9, decimal point, minus sign, and Enter.

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| ABT SoftKey | ABT-HA-020 | 129.00 |
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The SoftKey is a special version of the KeyPad. When connected to the Apple II and driven by the appropriate software, you can enter special characters not provided on the normal Apple keyboard. Complete command strings may also be entered for library calls or program commands. Fifteen User Definable keys are provided. Software comes on a 16-sector diskette for Applesoft and Pascal.

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| Vista Vision 80 - 80-Column Board | VST-HA-010 | 329.00 |
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The Vision has all the features you'd want in an 80-column terminal board — and more.

Features:

- 80-column BASIC listings
- Stop list, displayable control characters
- 5 completely independent screens
- 8 x 11 (Graphics) and 9 x 10 (Alpha) dot matrix
- Z-80, CP/M, Applesoft, Pascal compatible
- Inverse video, (Hi-Lite & Low-Lite text)
- Video source and mode switching 80 x 24, 40 x 24, graphics (including color)
- Optional character set or graphics symbols

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|---|-------------------|---------------|
| Vista A800 8" Floppy Disk Controller | VST-HA-020 | 549.00 |
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Add eight-inch disk drives to your Apple system. Double-density 8" diskettes can hold up to 600K bytes. The A800 is compatible with Apple DOS 3.2/3.3, Pascal, and CP/M (with the Z-80 SoftCard by Microsoft). All software patches are provided.

Features:

- High speed DMA data transfer (1 microsecond/byte)
- Uses standard Apple DOS commands (OPEN, CATALOG, LOCK, DELETE, LOAD, etc.)
- 2K x 8 PROM contains Autoboot functions and all 8" floppy driver codes allowing complete compatibility with DOS
- IBM single-density compatible

Note: See the disk drive section for 8" drives.



| Description | Order Number | Price |
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SSM AIO Serial/Parallel Interface**SSM-HA-010****165.00**

The SSM AIO combines two interfaces on one card, an 8-bit parallel port with 4 handshaking lines, and an RS-232 serial port.

Features:

Serial port: DTE, RTS, DCD, handshaking; 9 baud rates (110 to 19,200); software controllable communication modes

Parallel port: Two 8-bit parallel I/O ports; Four interrupt and handshaking lines; software configurable

On-board firmware for controlling serial interface

Includes serial and parallel cables

SSM A488 IEEE Interface**SSM-HA-030****429.00**

The A488 turns the Apple II into a low-cost but powerful full-featured IEEE 488 controller, giving you the power of a \$10,000 IEEE controller at a fraction of the cost. The on-board firmware provides the software interface to control the entire system via Applesoft commands. Includes 6-ft. cable with male and female 488 connectors.

Superclock II**WSE-HA-010****129.00**

The Superclock II, from Westside Electronics, is the complete Apple clock/calendar system. Software included with this clock board allows automatic dating of Applesoft files as they are accessed.

Prometheus VERSAcad**PRO-HA-010****229.00**

The VERSAcad allows one card to perform four functions: clock/calendar, Serial I/O, Parallel Printer Output, and a BSR controller. All of these functions can run simultaneously. The VERSAcad requires no modification to the Apple and is compatible with Applesoft, Pascal, and CP/M without any software patches.

Serial Cable

PRO-HA-020

30.00

Parallel Cable

PRO-HA-030

30.00

Microbuffer II Parallel Printer Interface/Buffer

The Microbuffer II is an intelligent printer interface for the Apple II computer, with up to 32K (16K standard) of on-board RAM for printer output spooling. With the Microbuffer II you don't have to wait for printing to be completed before you continue with other processing; you can print **and** process simultaneously. The Microbuffer II also includes graphic dump routines for most popular graphics printers in on-board ROM. Includes cable.

Graphics Include:

Dump HI-RES Page 1 or 2

Dump Emphasized Image

Dump Reverse Image

Dump Mixed Text and Graphics

Print Formatting Includes:

Set Right and Left Margins

Set Page Length

Auto Skip-Over-Perforation

Dump Text Screen

Microbuffer II 16K Universal (No Graphics)

PPI-HP-030

259.00

Microbuffer II 32K Universal (No Graphics)

PPI-HP-040

299.00

Microbuffer II 16K Epson Graphics

PPI-HP-010

259.00

Microbuffer II 32K Epson Graphics

PPI-HP-020

299.00

Microbuffer II 16K Anadex Graphics

PPI-HP-055

259.00

Microbuffer II 32K Anadex Graphics

PPI-HP-065

299.00

Microbuffer II 16K Paper Tiger Graphics

PPI-HP-070

259.00

Microbuffer II 32K Paper Tiger Graphics

PPI-HP-080

299.00

Microbuffer II 16K NEC/C.Itoh Graphics

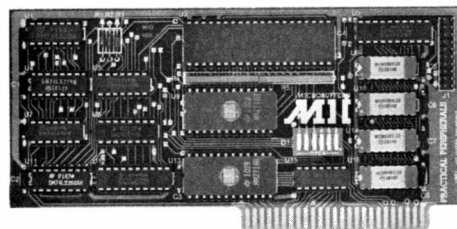
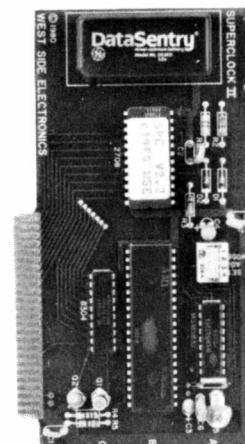
PPI-HP 090

259.00

Microbuffer II 32K NEC/C.Itoh Graphics

PPI-HP-100

299.00



| Description | Order Number | Price |
|---|-------------------|---------------|
| Cool Stack w/Fan and Library Rack | COL-HA-010 | 67.95 |
| <p>The most common cause of system failures is excess heat, so keep your Apple cool and organized with the Cool Stack. It has a built-in quiet-running fan to keep your Apple II running cool, even with a 'full load' of boards. The Cool Stack mounts over your Apple and provides a shelf for your monitor. Because it allows easy access to the inside of the Apple, there is no need to unstack your whole system. A handy library rack is also included.</p> | | |
| CALIFORNIA COMPUTER SYSTEMS APPLE INTERFACE CARDS | | |
| CCS Programmable Timer (Model 7440A) | CCS-HA-070 | 99.00 |
| <p>California Computer Systems Programmable Timer (Model 7440) offers Apple II users access to three independent software controllable timers that can be used as frequency counters, pulse generators, interval timers and as a host of others requiring a timing or counting device. This timer supports four operating modes — continuous, single shot, frequency comparison, and pulse width comparison. Each timer has a 16-bit addressable counter and provides 16 bits of addressable latches with two of the timers. Its many features include: two timers capable of a 500 kHz clock rate, DMA daisy chain pass-through and software programmable interrupts, asynchronous data transfer, the capability of driving two TTL loads, three maskable output lines with an external patch area, addressing via simple BASIC commands, and control by the Apple via an 8-bit bi-directional bus. Optional accessories include a RAM pack for ROM replacement (7001A) and an unburned ROM pack (7601A).</p> | | |
| CCS GPIB (IEEE 488 - 1978) Interface | CCS-HA-014 | 269.00 |
| <p>Instrument control can be facilitated on an Apple II using the CCS General Purpose Instrument Bus (GPIB) Interface card. It can support control of up to 16 interconnected devices such as controllers, talkers or listeners. Using a parallel adaptor chip, the card supports control of 16 fully buffered bi-directional data lines, five general interface control lines for bus management, and three byte-transfer control lines to support per-byte handshake protocol. In addition, this interface features daisy chain pass-through and software programmable interrupts, firmware on a 2K byte factory programmed EPROM to support paging mode operation (for up to eight 256-byte pages of data), asynchronous data transfer, and full handshaking with peripherals. A three-foot GPIB compatible cable is furnished with the interface.</p> | | |
| CCS Calendar/Clock Card | CCS-HA-020 | 99.00 |
| <p>The Calendar/Clock board provides real time counting in either a 12-hour or a 24-hour format. The clock automatically adjusts to leap years, supports separate addressing to each decimal digit of data thus facilitating customized formatting of output, allows the time-setting function to be jumper disabled to prevent accidental time resetting, and includes three jumper-selectable programs. One of the programs transfers the date and time to the Apple's input buffer; a second continually interrupts and writes the correct time into an Applesoft string; and the third interrupts and displays the time in the top right corner of the video screen. Periodic interrupt requests are also supported for periods ranging between one millisecond and one hour. Other features include: counting in seconds, minutes, hours, days of the week and days of the month, month, and years; BASIC program listing provides for setting time; interrupt daisy-chain arbitration and daisy chain pass-through; low-power Schottky devices; jumper selectable 256-byte RAM or ROM logic; one year parts and 90 days labor warranty.</p> | | |

| Description | Order Number | Price |
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| CCS ROM/PROM Card (Model 7114) | CCS-HA-012 | 99.00 |
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California Computer Systems 12K ROM/PROM card permits Apple II users to address firmware alternative to that provided with the Apple system. Six sockets are provided on the board for insertion of any combination of 2716 EPROMs or 2316 ROMs. On-board ROM provides chip selection and chaining for programs larger than 2K. The board can be enabled or disabled through software or hardware; it disables Apple ROMs by overlaying memory location D000 through FFFF. Other features include: support of DMA daisy-chain, interrupt daisy-chain pass-through, fully buffered data lines, and on-board toggle to allow board activation via reset.

Analog-To-Digital Converter

APPLE II owners can monitor temperature sensing devices, fluid levels, electrical device power consumption, etc., with the CCS Analog-to-Digital Converter. It converts analog voltages to binary coded decimal (BCD) numbers and its on-board ROM firmware converts the resulting BCD data to ASCII characters for display on a video screen. Other features of this A to D converter include a voltage conversion rate to BCD data of 350 ms per conversion, DMA daisy chain pass-through and software programmable interrupts, BCD output lines between 0 and 3.999, a four position terminal block, resistive input dividers for voltages in excess of +4 volts, an interrupt request jumper to facilitate continuous updating of display screen data, input filtering, input offset adjustment, calibration adjustment, single channel operation. Options include a RAM pack for ROM replacement.

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| Analog-to-Digital Converter (Model 7470A) | CCS-HA-016 | 109.00 |
| RAM Pack Replacement (Model 7001A) | CCS-HA-018 | 18.95 |

APPLE PROTOTYPE BOARDS

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| Wire Wrap Board (Model 7500A) | CCS-HA-52 | 24.95 |
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California Computer Systems offers four Prototyping Boards for Apple II computers. The Wire Wrap Board (Model 7500A) is designed to support fast wire wrapping applications. Its totally uncommitted layout accommodates standard wirewrap sockets or components. Bus lines are labeled on both sides of the board. The connector fingers are gold plated and it has a ground line around the entire perimeter of the board.

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| Solder Tail Board (Model 7510A) | CCS-HA-56 | 24.95 |
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The Solder Tail Board was developed for applications which require a stable and more permanently soldered structure. It accommodates standard solder tail components and has its holes tied together in groups of three.

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| Extender Board (Model 7520A) | CCS-HA-58 | 27.95 |
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The Extender Board facilitates raising Apple peripheral boards above the case and thus permits easy access to components for analysis and maintenance. A top connector is supplied with the card.

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| Asynchronous Serial Interface Board | CCS-HA-010 | 139.95 |
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On Apple II computers, this interface supports communications with and control of serial peripheral devices complying with EIA RS-232C standards. It uses the DCE side of the RS-232 interface to permit direct connection of an Apple to a video terminal, serial keyboard, printer, paper tape reader, etc. The user can alter character codes to contain one start bit, 7 or 8 data bits, odd, even, or no parity, and one or two stop bits. Baud rates are adjustable between 50 baud and 19.2K baud via DIP switches. Word length, clock division ratios, transmit/receive control and interrupt control can be specified by the user via an on-board control register. The 7710 serial interface also provides an 8-bit fully buffered data bus, and three control lines to support peripheral handshaking. Optional ROM and RAM packs are available for those desirous of developing their own software programs.

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| RAM Pack for ROM Replacement | CCS-HA-018 | 18.95 |
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| Description | Order Number | Price |
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Synchronous Serial Interface (Model 7712A) CCS-HA-030 161.00

This interface card supports communication between an Apple II computer and peripheral devices that support high-speed synchronous protocol. As with the 7710A asynchronous serial interface, the synchronous interface implements the DTE side of the EIA RS-232C standard for communication with synchronous serial printers, keyboards, and even mainframe computers. Various aspects of the protocol such as word length, parity, interrupts, etc. can be controlled with three control registers while a synch code register permits the user to program the byte that will be used for synchronization. Other features include: a crystal controlled baud rate generator, DIP switch selection from 14 baud rates including 134.5 baud for support of Selectric typewriters, fully buffered 8-bit bi-directional data bus support of interrupts and DMA daisy chain, false start bit detection, parity, overrun, and overflow checking, auto power-down ROMs, full and half duplex link operation. A RAM pack for ROM replacement is an available option (No. 7001A).

Parallel Interface Board (Model 7720) CCS-HA-040 119.00

The Parallel Interface permits Apple II users to exchange data at high speeds with printers or other Apple computers, and to control such On/Off devices as low current relays in automatic security or sprinkler systems using the card's two bi-directional 8-bit data buses. Each I/O port has two independent handshaking lines and three registers. CMOS logic is used to drive the input lines and both the input and output lines are capable of driving two TTL loads. Character and line formats compatible with special peripherals can be defined with BASIC commands supported by on-board firmware and interrupts, data direction, interfacing configuration, and handshaking are software programmable. The 7720 comes with a 9" ribbon cable, DB-25 and dual 13-pin connectors. A RAM pack to replace the standard ROM is an available option for those intending to develop their own software.

Centronics Printer Interface (Model 7728A) CCS-HA-050 119.00

Printers using the Centronics parallel interface can be connected with Apple II computers with this interface. It features an 8-bit parallel data output bus, 4-bit status input, Data Strobe and Acknowledge handshake signals, and a printer RESET signal that makes it compatible with a wide range of printers. A 256-byte on-board ROM contains driver firmware which controls ASCII character output to printers. The interface allows easy selection of command characters, characters per line, auto feed, and video echo respond to standard Apple printer commands. It also supports interrupt daisy chain with arbitration logic including jumper-selectable IRQ generation and DMA daisy chain pass-through. Optional RAMs are available for users who wish to develop their own driver software.

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| Paper Tiger Cable (Model 7340A) | CCS-HA-060 | 30.00 |
| Centronics Type Cable (Model 7379A) | CCS-HA-080 | 30.00 |

Arithmetic Processor

Apple II users engaged in large amounts of mathematical calculations can speed up execution speeds, take advantage of additional math functions, define additional functions, and take advantage of floating point hardware by installing this Arithmetic Processor in an expansion slot. The 7811 Arithmetic Processor uses an AMD9511A APU unit, maintains a precision of 6.5 significant digits, and has a range of approximately 10^{20} . The 7811 is offered in two versions: one is supplied with a diskette containing a CCSOFT interpreter. The second, for use with an Applesoft card or Apple II Plus computer, is supplied with CCSOFT in a ROM.

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| Arithmetic Processor w/Diskette Model 7811B | CCS-HA-062 | 349.00 |
| Arithmetic Processor w/ROM Model 7811 | CCS-HA-064 | 349.00 |

| Description | Order Number | Price |
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MOUNTAIN HARDWARE

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| Computer Expansion Chassis MHP-Z024 | MTN-HA-060 | 625.00 |
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With the Mountain Computer Expansion Chassis, you won't have to worry about outgrowing your Apple's expansion slot capability or placing too much drain on your Apple's power supply. The Expansion Chassis permits Apple owners to address up to 15 I/O peripheral slots (slots 1 thru 7 in the Apple or 8 slots in the Expansion Chassis). The key to the Expansion Chassis is Mountain Computer's sophisticated bank selection system. It can be activated through either hardware or software control and in either immediate or deferred modes. The chassis comes with its own 30-watt heavy-duty power supply (completely independent of the Apple's), and is compatible with Apple software and most non-Mountain Computer peripheral cards. A fully buffered 3-foot I/O cable, an interface card (plugs into any Apple slot except 0), and an installation and operations manual are included.

Features:

Easy software selection or deselection of the Apple or Expansion Chassis slots
Does not interfere with Apple Language cards even when the Expansion

Chassis slots are selected

Front panel controls permit selection or deselection of the Expansion
Chassis slots

The chassis turns itself 'ON' or 'OFF' by sensing whether your Apple's
power is on

A single BASIC POKE command can select or deselect the the chassis slots.

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| ROMWRITER MPH-Z015 | MTN-HA-030 | 149.00 |
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ROMWRITER facilitates the development of firmware for the Apple II by providing foolproof programming of 2716 EPROMs (5V, 2K). To burn a program in, you either specify the starting and ending address on an EPROM and a disk file name or you specify a starting address in memory and then instruct the Romwriter to burn the program in. After burning the program in, Romwriter automatically verifies accuracy; if errors are detected, prompts are automatically provided to facilitate reprogramming. EPROMs developed on the Romwriter can either be run while resident on the Romwriter or transferred to a Mountain Computer ROMPLUS board.

Features:

Zero insertion force sockets

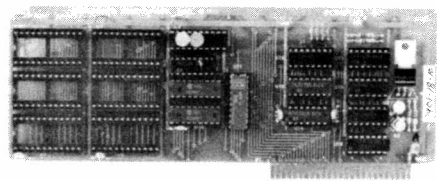
On board power on/off switch permits installation and removal of EPROMs
while Apple power is on

EPROM write protection provided while running firmware

Development software provided on diskette

Supports screen oriented editing during memory parameter entry

Installs in any Apple peripheral slot except zero

| Description | Order Number | Price | | | | | | | | | |
|--|---|---------------|--------------------------------|------------|--------|------------------|------------|-------|---------------------|------------|-------|
|  | <p>ROMPLUS and COPYROM</p> <p>ROMPLUS permits the running of firmware on the Apple II computer. It has six sockets for installation of 2716 5V EPROMS (or equivalent ROMS) plus 255 bytes of on-board RAM that can be used either as a scratch pad or for data storage. An on-board ROM handles communications between ROMS as is required for subroutine calls between ROMs, thus permitting firmware larger than 2K. COPYROM, a 2K ROM program developed by Mountain Computer for the ROMPLUS, supports single- or dual-drive diskette copy, single or dual controller diskette copy, copying of used sectors only, a more complete disk catalog (filename, length of program in sectors, filetype, stored load address and length expressed in bytes for binary files), and identification of the number of unused sectors on a diskette.</p> <p>Features:</p> <p>ROMPLUS</p> <ul style="list-style-type: none"> ROMS reside in Apple + C800 space Any ROM may be turned on and used whenever desired On-board ROM activated with a PR#N or IN#N command from BASIC Two TTL inputs are available for special control, e.g., one may be used for Mountain Computer's Keyboard Filter to support Shift Key upper/lower case operation <p>COPYROM</p> <ul style="list-style-type: none"> Immediate or deferred execution of ROM commands Command abort with Escape key Compatible with all Apple DOS implementation except Pascal Language Compatibility: Integer and Applesoft Basic (either firmware or disk), Apple Monitor <table> <tr> <td>ROMPLUS + MHP-X014 w/o COPYROM</td><td>MTN-HA-010</td><td>130.00</td></tr> <tr> <td>COPYROM MHP-X026</td><td>MTN-HA-120</td><td>49.00</td></tr> <tr> <td>Keyboard Filter ROM</td><td>MTN-HA-110</td><td>49.00</td></tr> </table> | | ROMPLUS + MHP-X014 w/o COPYROM | MTN-HA-010 | 130.00 | COPYROM MHP-X026 | MTN-HA-120 | 49.00 | Keyboard Filter ROM | MTN-HA-110 | 49.00 |
| ROMPLUS + MHP-X014 w/o COPYROM | MTN-HA-010 | 130.00 | | | | | | | | | |
| COPYROM MHP-X026 | MTN-HA-120 | 49.00 | | | | | | | | | |
| Keyboard Filter ROM | MTN-HA-110 | 49.00 | | | | | | | | | |
| INTROL/X-10 MHP-X016 | MTN-HA-040 | 180.00 | | | | | | | | | |
| <p>The INTROL/X-10 System combines with a BSR System X-10 and your Apple to control 110-volt electrical devices and appliances throughout your home or office. Software supplied with the Introl/X-10 system permits developing schedules on a daily or weekly basis, and specifying the exact date and time of a command to control a specific electrical device. It can also evaluate power consumption of devices as an aid in energy conservation. Combined with Mountain Computer's Apple Clock, the INTROL/X-10 system can run in background while you use foreground partition to run other programs.</p> <p>The INTROL/X-10 system consists of a controller board with timer and ultrasonic transducer, software for real-time control applications, and an installation and operations manual. The BSR System X-10 Command Console and remote modules are not included but are available in a wide variety of department stores and specialty shops. No additional 110-volt wiring is required to support the system.</p> | | | | | | | | | | | |
| Apple Clock MHP-X003 | MTN-HA-050 | 239.00 | | | | | | | | | |
| <p>The Apple Clock is a real time device that permits dating computer printouts, timing events such as program run times, and calling up schedules. It supports program interrupts and has an on-board nickel-cadmium battery that keeps the clock running for up to 4 days with the Apple's power off. On-board ROM that permits easy use of the clock from either BASIC or Apple's machine language. The ROM supports the reporting of month, day, hours, minutes, and seconds (in increments of 1/10, 1/100, or 1/1000 second); an Applesoft program is provided to set the time. Other features include example programs (on diskette), a write protect switch to inhibit accidental time resets, an installation and operations manual that includes program examples such as elapsed time measurement, and an external charger (MHP-012).</p> | | | | | | | | | | | |

| Description | Order Number | Price |
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A/D + D/A Converter MHP-X023**MTN-HA-070****299.00**

Scientific, commercial and industrial data acquisition can be performed with Mountain Computer's A/D + D/A card. 16 channels for analog-to-digital input (software selectable with a READ command) and 16 channels for digital to analog output (software selectable with a WRITE command) are included on a single printed circuit board. A/D features include a nine microsecond channel conversion time, 8-bit resolution (including sign bit), full scale and zero adjustment, and use of successive approximation conversion method. D/A features include full scale adjustment, monotonic outputs, and analog output volume of ± 5 volts maximum.

SUPERTALKER - SD200 MHP-X006**MTN-HA-130****259.00**

This Input/Output Speech Digitizer allows Apple owners and users to develop programs that accept voice input and provide voice output. It's ideal for use with interactive teaching programs and speech prompted data input. The hardware provided in the system includes the Supertalker Card, a loudspeaker, and a microphone for speech input. Software includes a special operating system and editor (VPS - Vocal Preparation System) that supports four software selectable digitizing rates (speech clarity increases as the digitizing rate increases). Software also includes a specially designed program to compress digitized data for greater disk storage capacity, four selectable settings for speech output volume, and several ready-to-run programs including ACCENT (a talking language translator), COLOR MATH (a talking arithmetic game). Programs for use by teachers with little or no programming experience are also available at additional cost.

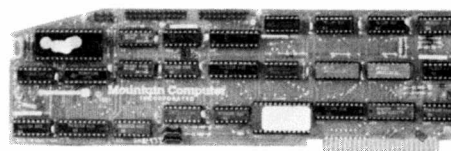
CPS Multifunction Card**MTN-HA-080****179.00**

This versatile peripheral card from Mountain Computer combines a real time clock, a serial interface, and a parallel interface on a single printed circuit board. All three of the devices can be supported from a single Apple expansion slot by using the 'phantom' slot feature. So, with the CPS card in slot 1, a parallel printer (e.g., Epson MX-80) can be interfaced with the parallel port while a modem can be connected to the serial interface and assigned to a phantom slot (e.g., slot 7) — and you still have use of the clock. Note: Use of the 'phantom' slot feature requires that the physical slot referenced by the 'phantom' be empty.

The instruction and installation manual also explains how other parallel and serial devices, such as an external terminal, can be interfaced with the CPS card. A diskette provided with the card contains several useful programs. The most important is the 'SETUP' program which permits the user to change the configuration information stored on the card. The CPS card accepts any BASIC or Machine Language software developed for the Apple, as well as software written for the Mountain Computer Clock Card. A special Terminal Mode is provided for the serial interface port, which allows data to be sent from or received by the Apple without being processed.

The CPS card requires an Apple II or II Plus with at least 32K of RAM and one disk drive. Special software routines are available separately to support Apple Pascal and use of the Z-80 SoftCard.

| | | |
|---------------------------------|------------|-------|
| Apple Pascal Software Routines | MTN-HA-104 | 20.00 |
| Z-80 Softcard Software Routines | MTN-HA-102 | 20.00 |
| Parallel Printer Cable | MTN-HA-100 | 30.00 |
| Serial Cable | MTN-HA-090 | 30.00 |



Hardware

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

MusicSystem MHP-X022

MTN-HA-020

334.00

The MusicSystem is a hardware/software system that permits the generation of electronic music. It features a digital synthesizer with 16 voices, stereo output, polyphonic-multi-voice chords and note sequences, additive synthesis of instruments, and graphical input of sheet music on the Apple high-resolution graphics screen using standard music notation. It can also output graphical sheet music to a printer with graphics capability. Music input to the system can be edited with a light pen (provided with the system), game paddles, or the keyboard. The system hardware includes dual printed circuit boards, a light pen, RCA-type standard audio output jacks, and all necessary connecting cables. Software supplied includes a special operating system, all software necessary for the system to run (no compiling or modifications are required), the Music Editor, and the Music Player (a special run-time processor which allows instrument and special selection each time a song is played). A special binder is also provided to hold the operating manual, diskettes, and library sheet music. Mountain Computer has also formed the MusicSystem Users Club to promote exchange of ideas on use of MusicSystem and of its latest advances and techniques.

TRS-80 HARDWARE

TRS-80 Model III Disk Drives

You can upgrade your 16K Level II Model III to a full 48K Disk System easily with MTI's Double Density Disk Controller and your choice of disk drives. Choose from 40-track single-head drives up to 80-track dual-head drives. Forty-track drives store 175K; dual-head 40-track drives, 350K. Four dual-head 80-track drives provide 3 Mbytes of on-line storage for the Model III computer.

Internal Disk Drive Kits

The first drive kit includes one Tandon disk drive, MTI Double Density controller, Switching power supply, 32K of RAM, all mounting hardware, cables and detailed installation instructions. The second drive kit includes the tested and aligned Tandon disk drive and necessary installation hardware.

40 Track Drive System

| | | |
|-------------|------------|--------|
| Drive No. 1 | MTI-HT-010 | 649.00 |
| Drive No. 2 | MTI-HT-050 | 259.00 |

40 Track Dual-Head System

| | | |
|-------------|------------|--------|
| Drive No. 1 | MTI-HT-020 | 729.00 |
| Drive No. 2 | MTI-HT-060 | 369.00 |

80 Track Dual-Head System

| | | |
|-------------|------------|--------|
| Drive No. 1 | MTI-HT-040 | 889.00 |
| Drive No. 2 | MTI-HT-080 | 549.00 |

External Drive Kits

Two external drives may be attached to any two-drive Model III Computer system. External drives include: Tandon drive, case, power supply, and a cable (Drive 3 only).

40 Track External Drives

| | | |
|-------------|------------|--------|
| Drive No. 3 | MTI-HT-090 | 359.00 |
| Drive No. 4 | MTI-HT-130 | 339.00 |

40 Track Dual-Head External Drives

| | | |
|-------------|------------|--------|
| Drive No. 3 | MTI-HT-100 | 479.00 |
| Drive No. 4 | MTI-HT-140 | 459.00 |

80 Track Dual-Head External Drives

| | | |
|-------------|------------|--------|
| Drive No. 3 | MTI-HT-120 | 659.00 |
| Drive No. 4 | MTI-HT-160 | 639.00 |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

| | | |
|----------------------------------|-------------------|---------------|
| CP/M-80 for The Model III | MTI-HT-170 | 799.00 |
|----------------------------------|-------------------|---------------|

CP/M-80 turns your TRS-80 Model III into two computer systems, TRS-DOS and CP/M. Adding a CP/M card and an 80 x 24 video card will convert your computer into a CP/M based machine — you can access the single largest body of microcomputer software available. But, because of the ability to switch back and forth, you can still run your TRS-DOS software. The CP/M-80 kit is simple to install: the CP/M board plugs into the CPU board and the 80-column video board plugs into the expansion port and the video buss. The CP/M-80 kit even includes a Z-80 diagnostic monitor. Installation requires no modification to the TRS-80, and allows the computer to use CP/M 2.2 (included) with a standard base zero origin. All necessary installation hardware is included.

Features:

- Base zero CP/M operation
- Phantom disabled diagnostic monitor in ROM
- Includes CP/M 2.2, Digital Research Utilities (ASM, DDT, DUMP, ED, STAT, SUBMIT, SYSGEN, XSUB)
- CP/M BIOS drivers
- Format routine for single or double density
- 80 x 24 video format
- 96 ASCII character set
- Cursor addressing
- Underline, Blinking

Note: Requires 48K two disk system

| | | |
|---|-------------------|---------------|
| Model III 4MHz Speedup Enhancement Kit | MTI-HT-180 | 149.00 |
|---|-------------------|---------------|

The speedup kit doubles the processing speed of Model III computer systems. It includes all necessary installation materials and instructions and requires soldering and modification of the computer. Requires DOS plus or CP/M 2.2.

| | | |
|---------------------------------|-------------------|--------------|
| Model III Cooling System | MTI-HT-240 | 44.95 |
|---------------------------------|-------------------|--------------|

Heat build-up is a major cause of system failures and "flakey" operation. The Cooling System provides proper air circulation to keep your Model III cool and prevent problems. Easy to install.

HARD DISK SYSTEMS FOR THE MODEL III

| | | |
|--|-------------------|----------------|
| Five Megabyte Model III Hard Disk | MTI-HT-190 | 2699.00 |
|--|-------------------|----------------|

Add five Mbytes of Hard Disk Storage to any Model III Computer system. The completely self-contained unit includes a Winchester drive, controller, power supply, and cables in an attractive enclosure. The Hard Disk is easy to install: simply plug it in to the expansion port — no modifications to the computer. The system uses the Micro Systems (the DOSPLUS people) hard disk operating system (not included) which is file compatible with TRSDOS.

Note: See the TRS-80 Software Section for a description of DOSPLUS

| | | |
|---|-------------------|----------------|
| 7.5 Megabyte Model III Hard Disk | MTI-HT-195 | 3199.00 |
|---|-------------------|----------------|

Same as the 5 Mbyte Winchester but has 7.5 Mbytes of on-line storage.

| | | |
|-------------------------------|-------------------|--------------|
| Model III Serial Board | MTI-HT-245 | 99.00 |
|-------------------------------|-------------------|--------------|

Add a serial port to your Model III. This board is a simple plug-in and does not require modification to the computer.

Hardware

| | Description | Order Number | Price |
|---|---|-------------------|---------------|
|  | Model I Disk Drives | | |
| | These Tandon Disk Drives come in a metal cabinet with a tested and assembled power supply, ready to plug in. All of our drives are rated for double density operation. | | |
| | 40 Track Single-Head Model I Drive | MTI-HT-200 | 289.00 |
| | 80 Track Single-Head Model I Drive | MTI-HT-210 | 429.00 |
|  | Four-Drive Cable | MTI-HT-220 | 30.00 |
| | Disk Drive Extender Cables | IJG-HT-010 | 13.95 |
|  | Percom Data Separator | PER-HT-010 | 27.00 |
| | End track lock-out errors and CRC errors. This circuit is the one Tandy left out of the expansion interface. The Data Separator insures precise separation of data and clock signals on the critical inner tracks. | | |
|  | Percom Doubler II | PER-HT-020 | 154.95 |
| | You'll increase your disk storage capacity by 80 percent with the Doubler II. Standard TRS-80 formatting allows 10 sectors per track; the Doubler provides 18. The Doubler II is furnished with DoubleDOS, a TRSDOS compatible DOS which formats each track with 18 sectors and includes a convert utility to read your single density disks and convert them to double density. The Doubler II also includes data separation circuitry. | | |
|  | LNW LNDoubler | LNW-HT-010 | 159.95 |
| | The LNDoubler includes DOSPLUS 3.4D to provide double density operation on the Model I. It plugs in to the disk controller socket in the expansion interface and does not require any modifications to the computer. | | |
|  | LNW LNDoubler 5/8 | | |
| | The LNDoubler 5/8 allows operation of 5" and 8" disk drives on the Model I. Allows single and double density, as well as single and double sided drives, to be used in any combination. Up to three 8" drives can be attached to the Model I for a total of 3.75 Mbytes of on-line storage. The LNDoubler 5/8, shipped with DOSPLUS 3.3.9 to support all of the power of this board, also runs under all of the other popular disk operating systems. | | |
|  | LNW Doubler 5/8 | LNW-HT-020 | 189.95 |
| | 8" Drive Cable | LNW-HT-025 | 34.95 |
| | Adapter for 8" Cable | LNW-HT-026 | 13.95 |
|  | LNW System Expansion II for the Model I | LNW-HT-040 | 389.00 |
| | The expansion interface from LNW is complete and includes: 32K of 200 ns RAM, Floppy Disk Controller, Parallel Printer Port, and RS-232C Serial Port. Housed in an attractive metal cabinet the System Expansion II is compatible with all TRS-80 software and hardware and is 100% TRS-80 Model I and LNW Doubler compatible. | | |
| <hr/> | | | |
| S-100 HARDWARE | | | |
|  | Model 2810 Z-80 CPU | CCS-HO-070 | 259.00 |
| | The 2810 is a Z-80 CPU for S-100 Computer Systems that operates at 2 or 4 MHz. Altair/Imesai-compatible, it features an on-board 2K monitor ROM. The 2810 includes front panel support, supports slow memory with wait states and is IEEE S-100 compatible. | | |
|  | Features: | | |
| | On-board serial interface with software controllable UART supports baud rates up to 56K | | |
| | Power-on jump to any location in memory | | |
| | 8080 control and status signal emulation | | |
| | ROM and serial port jumper enabled, base of address of serial port address is jumper selectable | | |
| | Standard front panel control signals | | |
| | Phantom overlay of on-board ROM | | |
| | Separate crystals for CPU and baud rate generator | | |
| | | | |
| | | | |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Model 2422 Floppy Disk Controller**CCS-HO-030****359.00**

The CCS 2422, a single- and double-density Disk Controller for S-100 computer systems, will control up to four 5¼" or 8" disk drives. The 2422 is shipped with CP/M 2.2 and CCBIOS which supports single- and double-sided drives, automatically determines density, and reads and writes IBM-standard single density.

Features:

Reads and writes IBM 3740 format single density

Reads and writes IBM System 34 double density in sector sizes of 256, 512, or 1024 bytes.

Z-80 compatible ROM-resident MOSS 2.2 Disk Monitor with Auto-Boot

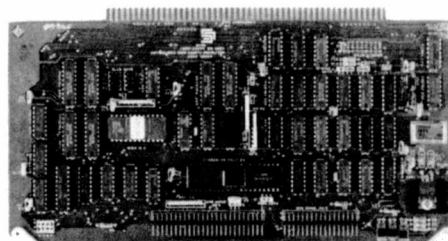
Fast-seek for voice coil drives

Write precompensation for double density diskettes

Digital phase lock loop for read data separation

Can be assigned to any of eight banks

Plug compatible for Shugart 800/850 and 400/450 drives

**Model 2065 64K Dynamic RAM****CCS-HO-020****539.00**

The CCS Model 2065 is 64K of 200 ns dynamic RAM for S-100 Computer Systems. It features transparent refresh for DMA compatibility and extended wait state capability. The 2065 will perform reliably at 4 MHz and includes bank select for memory sizes up to 512K.

Features:

IEEE S-100 standard

Supports DMA

Fully buffered address and data lines

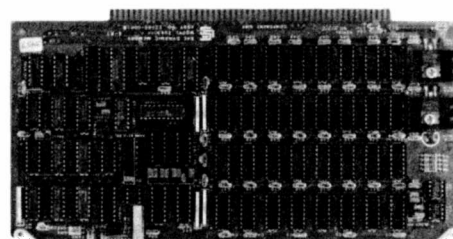
8080 and Z-80 compatible

Any 16K block can be made bank independent

Bank select port address is jumper-selectable

Fail-safe refresh circuitry

Supports most front panels

**Model 2718 2 Serial/ 2 Parallel Interface****CCS-HO-040****269.00**

The CCS Model 2718 provides serial and parallel I/O on one card for S-100 Computer Systems. The 2718 serial ports support both synchronous or asynchronous protocols while the parallel ports provide 8 bit data transfer with four line handshaking.

Features:

TTL-compatible I/O latches

Parallel port base address jumper selectable

Invertable handshaking logic

8-bit data bus

4 line handshaking

RS-232C interface specifications (DCE)

Operate at 75 to 19,200 baud

Software or hardware selectable baud rates

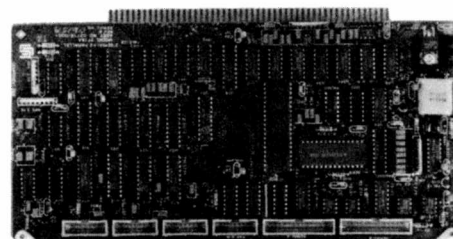
Port A transmits and receives in asynchronous mode

Port B transmits and receives in asynchronous or synchronous mode

Allows on-board 2716 2K EPROM (user supplied)

ROM base address is jumper to any 2K boundary

Phantom memory overlay control

**Model 2710 4-Port Serial I/O Interface****CCS-HO-050****279.00**

The CCS 2710 gives S-100 Computer Systems four software controlled asynchronous serial ports. It meets IEEE S-100 standards and features reliable easy-to-configure Berg jumpers.

Features:

Full RS-232C handshaking specifications (DCE)

Three control registers and three status registers per port

Allow 5- to 8-bit data words; even, odd, or no parity; 1, 1.5, or 2 stop bits

Clock divisors from 1 to 65535 for baud rate control

Separately interrupts over any of the S-100 vectored interrupt lines

Allows on-board 2716 2K EPROM (user supplied)

Hardware

| Description | Order Number | Price |
|---|-------------------|----------------|
| Model 2200 Mainframe The CCS 2200 is a 12-slot S-100 motherboard in a fan cooled aluminum enclosure. The double-path trace pattern used on the motherboard minimizes noise and cross-talk for reliable operation. Features: DC Power Available: 20 amps @ +8 VDC 4 amps @ +16 VDC 4 amps @ -16 VDC Flip top cover for easy access Built in circuit breaker Illuminated reset switch Cutouts for seven DB-25 connectors | CCS-HO-010 | 459.00 |
| Model 2720 4-Port Parallel I/O The CCS 2720 provides 3 parallel input and output ports, one output-only port, and a 7-bit status register for the S-100 bus. Features: Uses low-power Schottky devices Fully buffered input and output 8-bit data transfer Base address is jumper-selectable Full handshaking with jumper-invertable handshake lines Provision for on-board 2716 2K EPROM (user supplied) | CCS-HO-060 | 199.00 |
| Model 2520 Extender Terminator Kit The CCS 2520 kit provides active and/or dynamic termination for S-100 Computer Systems. It also acts as an extender board and features gold plated fingers, fused power lines, and numbered S-100 signal lines. | CCS-HO-072 | 49.00 |
| Model 2210 Integrated Computer System The CCS Model 2210 Integrated System includes: CCS 2200 Mainframe, CCS 2810 Z-80 CPU, CCS 2422 Floppy Disk Controller, CCS 2065 64K Dynamic RAM and CP/M. The 2210, assembled and tested as a unit, includes cables to the back panel for the serial port and the floppy disk controller. | CCS-HO-100 | 1995.00 |
| MORROW DESIGNS S-100 DISK SYSTEMS Alpha Byte Computer Products features S-100 IEEE 696 Disk Subsystems from Morrow Designs, the industry leader. With over 10,000 disk subsystems in the field, Morrow has the experience and know-how to produce the finest systems available. All Morrow disk systems are delivered assembled and tested, and interface with most popular S-100 computer systems. | | |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Floppy Disk Subsystems

DISCUS 2D/ DOUBLE DENSITY FLOPPY DISK SYSTEM

Morrow offers you a complete 8" floppy disk system at a price that is less than some minifloppy systems. Each Double-Density Discus drive provides 600K bytes of disk storage. And, best of all, the Discus 2D is a complete system including Disk Jockey disk controller, attractive case with a fan-cooled power supply, CP/M 2.2 and Microsoft Basic 5.2.

Features:

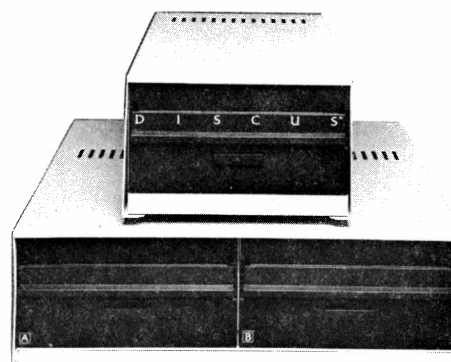
600K bytes per drive capacity
 IBM 3740 Single Density format (128 byte sector size)
 IBM System 34 Double Density format (256, 512, 1024 byte sector size)
 On-board serial interface (50 to 19,200 baud)
 Compatible with all 2,4, and 5 MHz Systems which conform to the IEEE 696 standard
 ROM Based disk control and I/O routines (at E000 hex)
 Phase locked loop and crystal controlled disk data write precompensation for the highest reliability in the double-density mode
 Power-on jump circuitry for auto-load bootstrapping

| | | |
|--|------------|---------|
| Discus 2D Single Drive - Complete System | MOR-HO-010 | 869.00 |
| Discus 2D Dual Drive - Complete System | MOR-HO-020 | 1499.00 |
| Discus 2D Add-on Drives | MOR-HO-025 | 629.00 |

DISCUS 2+2 DOUBLE-DENSITY DOUBLE SIDED DISK SYSTEMS

The Discus 2+2 provides 1.2 Mbytes of double-density disk storage per drive — it's the most cost effective floppy disk system available. Like the Discus 2D, the 2+2 is a complete system including the Disk Jockey Controller, CP/M 2.2 and Microsoft Basic 5.2. The features of the Discus 2+2 are the same as the Discus 2D with the exception of the 1.2 Mbytes-per-drive capacity of the 2+2.

| | | |
|---|------------|---------|
| Discus 2+2 Single Drive - Complete System | MOR-HO-030 | 1099.00 |
| Discus 2+2 Dual Drive - Complete System | MOR-HO-040 | 1995.00 |
| Discus 2+2 Add-on Drives | MOR-HO-045 | 829.00 |



Hard Disk Subsystems

S-100 Computer Systems can have up to 100 Mbytes of on-line disk storage; disk sub-systems from 5 Mbytes to 100 Mbytes are available from Morrow Designs Hard Disk Systems. Morrow systems use reliable Winchester technology for trouble-free large capacity disk storage.

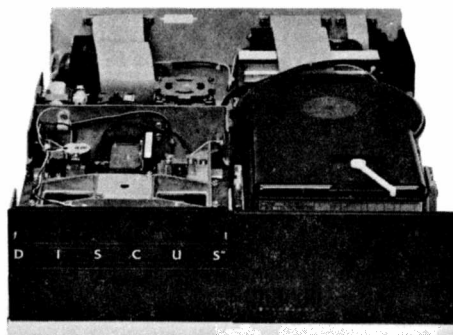
The Morrow Hard Disk controller is a single-board IEEE 696 S-100 Bus compatible card that includes the intelligence to supervise all data transfers. The controller uses four I/O ports to communicate with the CPU. Up to four hard disks can be daisy chained to one controller and an install program is available to patch the hard disk I/O drivers into resident CP/M operating systems.

Features:

Controls 1 to 4 soft-sectored Winchester drives
 Addresses 1 to 16 heads
 Control via four I/O ports (control, 2 status, data)
 512 byte on-board buffer
 CP/M I/O drivers furnished
 Transfer rate 600,000 bytes per second
 Interrupt capability

Hardware

| Description | Order Number | Price |
|---|--------------|---------|
| <p>DISCUS M5 HARD DISK SUB-SYSTEM</p> <p>The Discus M5 uses the ST506 mini-Winchester to provide 5 Mbytes of formatted storage in a low-cost compact unit. It includes hard disk controller, cabinet, power supply, fan, cables, CP/M 2.2, and Microsoft Basic 5.2. Assembled and tested.</p> <p>Features:</p> <ul style="list-style-type: none"> Winchester design reliability, 9.5 gram head load force, 19 micro-inch flying height Storage Capacity 6.38 Mbytes unformatted, 5 Mbytes formatted as shipped Same size and mounting as a minifloppy Same DC voltages as a minifloppy 5.0 Megabit/second data transfer rate | | |
| Discus M5 - Complete System | MOR-HO-048 | 1995.00 |
| Discus M5 - Add-on Drives | MOR-HO-049 | 1595.00 |
| <p>DISCUS M10 HARD DISK SUBSYSTEM</p> <p>One of Morrow's most popular systems, the Discus M10 is an 8" Memorex 101 Winchester Hard Disk Subsystem with 10 Mbytes of storage. Each M10 is a complete system including drive, hard disk controller, cabinet, power supply, fan, cables, CP/M 2.2, and Microsoft Basic 5.2. Assembled and tested.</p> <p>Features:</p> <ul style="list-style-type: none"> Storage: 11.7 Mbytes unformatted, 10.0 Mbytes formatted Recording surfaces, 4 Heads per surface, 1 Tracks per surface, 244 Track density, 195 tpi Track capacity, 12,000 bytes Cylinder capacity, 48,000 bytes | | |
| Discus M10 - Complete System | MOR-HO-050 | 2949.00 |
| Discus M10 - Add-on Drives | MOR-HO-052 | 25.89 |
| <p>DISCUS M20 HARD DISK SUBSYSTEM</p> <p>The Morrow Discus M20 is an 8" Winchester Hard Disk Subsystem with 20 Mbytes of formatted storage capacity. The Discus M20 is shipped complete with drive, hard disk controller, cabinet, power supply, fan, cables, CP/M 2.2, and Microsoft Basic 5.2. Assembled and tested.</p> <p>Features:</p> <ul style="list-style-type: none"> Storage capacity: 23.42 Mbytes unformatted, 20 Mbytes formatted Recording surfaces, 8 Heads per surface, 1 Tracks per surface, 244 Track density 195, tpi Recording density, 6100 bpi Rotational speed, 2964 rpm Transfer rate, 593 Kb/s Average rotational latency, 10.1 ms | | |
| Discus M20 - Complete System | MOR-HO-060 | 3889.00 |
| Discus M20 - Add-on Drives | MOR-HO-062 | 3489.00 |



| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

DISCUS M26 HARD DISK SUBSYSTEM

The Discus M26 is Morrow's largest capacity Hard Disk Subsystem, providing 26 Mbytes of storage; four M26's can be daisy chained for a total of 104 Mbytes of storage. A Shugart SA 4008 Winchester 14" drive, the M26 is shipped complete with drive, hard disk controller, cabinet, power supply, fan, cables, CP/M 2.2, and Microsoft Basic 5.2. Assembled and tested.

Features:

Storage capacity: 26 Mbytes formatted

Seek Time (track to track), 1 ms

Head settle time, 20 ms

8 tracks per cylinder

32 sectors per track

512 bytes per sector

Discus M26 - Complete System

MOR-HO-070

3799.00

Discus M26 - Add-on Drive

MOR-HO-072

3359.00

Disk Systems

Disk Systems

Description

Order Number

Price

CORVUS SYSTEMS

If you've outgrown the storage capacity of your floppy-based computer system, you don't have to get an entire new one. Corvus has a 5, 10, or 20 Megabyte Hard Disk System that will interface to your present system. Exceptionally easy to install, Corvus Systems can be interfaced to Apple, TRS-80 Model I, II, III, S-100, Xerox, or Altos computer systems. Corvus units are complete stand-alone systems and even include software patches to your present system. Up to four Corvus drives (80 Mbytes) may be operated by one controller, and with the multiplexer, up to 64 computers may share one disk drive. The Corvus Omninet provides extended networking for computers sharing a Corvus drive; total network length using the Omninet is 4000 feet of twisted pair cable. Corvus also provides for backup capability on the hard disk with its mirror system. The mirror provides an interface to a standard video cassette recorder (VCR) that has total capacity of 100 Mbytes; it's used to make a 'mirror image' backup of the contents of your hard disk on video tape.

When ordering Corvus products please provide complete computer system specifications, hardware and operating system.

Corvus Drives

State computer when ordering: Apple II, TRS-80 I,II,II, Xerox, S-100, Altos.

| | | |
|---------------------------|------------|---------|
| 5 Mbyte Disk Drive | COR-HO-010 | 3245.00 |
| 10 Mbyte Disk Drive | COR-HO-020 | 4645.00 |
| 20 Mbyte Disk Drive | COR-HO-030 | 5545.00 |
| Mirror including software | COR-HO-040 | 725.00 |

Constellation Multiplexer

The host allows up to 8 computers to share a Corvus Drive Master and will support up to 8 computers or 8 Host multiplexers for a total of 64 computers per drive.

| | | |
|--------------------|------------|--------|
| Host Multiplexer | COR-HO-050 | 769.00 |
| Master Multiplexer | COR-HO-060 | 769.00 |

Interface Cards and Cables for the Constellation Multiplexers

| | | |
|----------------------|------------|--------|
| Card w/5-foot cable | COR-HO-070 | 199.00 |
| Card w/15-foot cable | COR-HO-080 | 219.00 |
| Card w/30-foot cable | COR-HO-090 | 239.00 |
| Card w/50-foot cable | COR-HO-100 | 259.00 |

Tandon Bare Floppy Disk Drives

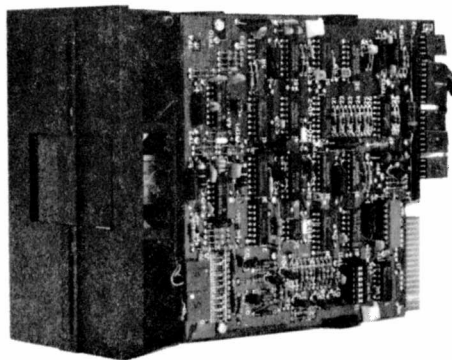
TM100 Series 5.25 Inch Minifloppy Disk Drives

Tandon's TM100 disk drive series offers four different configurations, from single head 40 track to dual head 80 track. All models are double density rated for maximum storage capacity. The TM100's use Tandon's patented head design (one fixed & one gimbed) to insure accurate data transfer and long media life.

| Specifications: | TM100-1 | TM100-2 | TM100-3 | TM100-4 |
|---------------------------|---------|---------|---------|---------|
| TPI | 48 | 48 | 96 | 96 |
| Heads | one | two | one | two |
| Tracks/Disk | 40 | 80 | 80 | 160 |
| Capacity/side unformatted | | | | |
| double density | 250K | 250K | 500K | 500K |
| Access time | | | | |
| Track-to-track | 5ms | 5ms | 3ms | 3ms |
| Average | 75ms | 75ms | 90ms | 90ms |
| Head settle | 15ms | 15ms | 15ms | 15ms |

Dimensions: Width 5.75", Height 3.25", Depth 8", DC power required + 12v @900 mA + 5v @600 mA.

| | | |
|---------|------------|--------|
| TM100-1 | MTI-HO-010 | 215.00 |
| TM100-2 | MTI-HO-020 | 294.00 |
| TM100-3 | MTI-HO-030 | 294.00 |
| TM100-4 | MTI-HO-040 | 425.00 |



| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

Tandon Eight Inch Thin Line Series 800

Tandon Thin Line drives are exactly one-half the thickness of conventional 8" drives, so two drives can fit in the space of one. These drives are available in single- or double-head models — all are 48 tpi, double density, use DC power only (no AC required), and use Tandon's patented high-resolution read-write heads.

Specifications:

Height: 2.3"

Length: 13.25"

Width: 8.55"

Power required: +5 VDC @ 1.0 amp

+24 VDC @ 1.0 amp

Number of tracks: 77 for TM848-1, 154 for TM848-2 (77/side)

Access time:

Track-to-track: 3 ms

Head settle time: 15 ms

Average access time: 90 ms

Motor start time: 0.5 sec

Transfer rate: 250K BPS single density

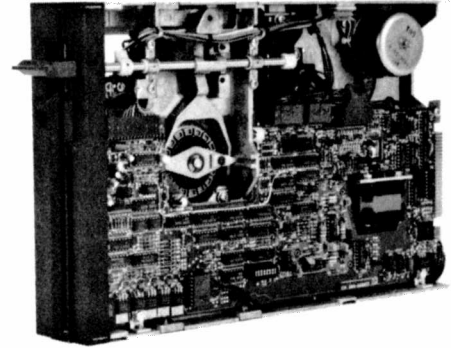
500K BPS double density

Storage Capacity:

IBM 3740 single density 600K bytes

IBM System 34 double density 1.2 Mbytes

| | | |
|--------------------------|------------|--------|
| Tandon 848-1 Single Head | MTI-HO-050 | 449.00 |
| Tandon 848-2 Double Head | MTI-HO-060 | 549.00 |



Computers

Computers

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|



ATARI PERSONAL COMPUTERS

The Atari is a low-cost easy-to-learn and use personal computer — great for the home. It uses plug-in ROM packs to bring you useful programs such as: Mortgage and Loan analysis, Stock Market Analysis, Statistics, Educational programs, Communications, Programming Languages (Pilot, BASIC, Assembly), and entertainment. Atari's entertainment programs are some of the best: Asteroids, Missile Command, Computer Chess, Space Invaders, and many more. The Atari can be expanded for more memory (ROM or RAM), Printer, Disk Drives, or Modem. The 400 and 800 models differ in the style of key board and memory capacity. The 400 uses a flat touch-sensitive keyboard and the 800 uses a standard typewriter-style keyboard. The Atari 800 can be expanded to 48K of RAM using easy plug-in RAM packs.

Features:

CPU: 6502 Microprocessor, 1.8 MHz
 Color: 16 colors; 8 intensities
 Console: FCC-approved RF Modulator connects to any television
 Sound: Four independent sound generators, four octaves, internal speaker, volume and tone control
 Memory: 10K ROM and 16K RAM, expandable
 Display: 320 x 192; 24 lines of 40 characters
 Keyboard: 57 keys, 4 special function keys, upper and lower case, inverse video, and full screen editing
 I/O: Serial I/O port, four controller jacks for joysticks and game paddles



| | | |
|-----------|------------|--------|
| Atari 400 | ATR-HC-010 | 339.00 |
| Atari 800 | ATR-HC-020 | 668.00 |

ATARI PERIPHERALS

| | | |
|-----------------------------------|-------------------|--------------|
| Atari 410 Program Recorder | ATR-HC-030 | 77.00 |
|-----------------------------------|-------------------|--------------|

The Atari program recorder provides storage and retrieval of programs and data on tape. In addition to the digital track that stores data, a second audio track is provided to play voice or music as the program runs.

| | | |
|-----------------------------|-------------------|---------------|
| Atari 810 Disk Drive | ATR-HC-040 | 449.00 |
|-----------------------------|-------------------|---------------|

The Atari 810 provides fast and efficient data storage and retrieval on standard 5¼" diskettes and gives you 92,000 bytes of storage on each diskette. Includes I/O connectors and disk operating system (DOS). Up to four drives may be connected.

| | | |
|----------------------------------|-------------------|----------------|
| Atari 815 Dual Disk Drive | ATR-HC-050 | 1179.00 |
|----------------------------------|-------------------|----------------|

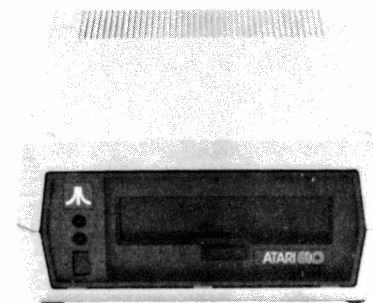
This is a dual drive double-density system for when the maximum amount of storage is required. Up to 163,000 bytes of data can be stored on each diskette; total storage for both drives is over 300,000 bytes. Includes I/O connectors and Atari DDO/FMS (Double Density Operating/File Management System). Up to three Atari 815 drives can be connected.

| | | |
|-----------------------------------|-------------------|---------------|
| Atari 850 Interface Module | ATR-HC-060 | 169.00 |
|-----------------------------------|-------------------|---------------|

The 850 Interface has four EIA RS-232C compatible serial ports and an 8-bit parallel port. The 850 Interface will support modems, serial printers, parallel printers, or most other RS-232C compatible devices.

More Atari Peripherals

| | | |
|--------------------------|------------|-------|
| Atari Joy Stick, one | ATR-HC-070 | 9.95 |
| Atari Joy Stick, pair | ATR-HC-080 | 18.50 |
| Atari Game Paddles, pair | ATR-HC-090 | 18.95 |
| Atari RAM Module | ATR-HC-100 | 84.95 |



| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Intec Peripherals RAM Modules

| | | |
|-----------------------|------------|--------|
| 48K for the Atari 400 | INT-HC-010 | 204.95 |
| 32K for the Atari 800 | INT-HC-020 | 84.95 |

Atari Program ROM Packs

| | | |
|-----------------|------------|-------|
| Star Raiders | ATR-SR-010 | 34.95 |
| Missile Command | ATR-SR-020 | 34.95 |
| Asteroids | ATR-SR-030 | 34.95 |
| Basketball | ATR-SR-050 | 24.95 |
| Computer Chess | ATR-SR-060 | 34.95 |

Atari Cassette Software

| | | |
|----------------------------|------------|-------|
| States and Capitals | ATR-SR-070 | 14.95 |
| Space Invaders | ATR-SR-040 | 19.95 |
| Blackjack | ATR-SR-080 | 14.95 |
| Hangman | ATR-SR-090 | 14.95 |
| Mailing List | ATR-SR-100 | 19.95 |
| Mortgage and Loan Analysis | ATR-SR-110 | 14.95 |

Atari Disk Software

| | | |
|-------------------------------|------------|-------|
| Personal Financial Management | ATR-SR-120 | 62.95 |
| Stock Market Analysis | ATR-SR-130 | 24.95 |
| Bond Analysis | ATR-SR-140 | 24.95 |
| Stock Charting | ATR-SR-150 | 24.95 |



NEC PERSONAL COMPUTERS

The NEC PC-8000 Series computer brings you the most asked-for features of several leading computers plus many more of its own.

Hardware features 24K ROM, 32K RAM, 4 MHz Z-80 microprocessor and hi-resolution graphics in eight colors. There is also a 248-symbol character set including complete ASCII upper and lower case, graphics symbols, mixed text and graphics, 80-column character display, user definable keys, 82-key keyboard with numeric keypad, and a Centronics parallel interface.

A special ROM-resident version of Microsoft BASIC is included, and a CP/M operating system is available. NEC software documentation is well-written and packaged in attractive binders.

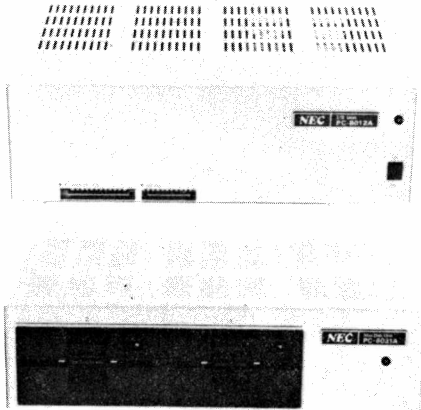
| | | |
|------------------------------|-------------------|---------------|
| NEC PC-8001A Computer | NEC-HC-010 | 895.00 |
|------------------------------|-------------------|---------------|

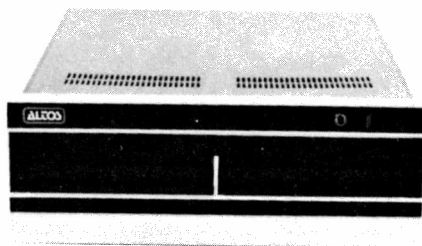
Specifications:

| | |
|-----------|--|
| CPU: | 4 MHz Z-80, 32K RAM (expandable to 160K with PC-8012A I/O unit), 24K ROM (expandable to 32K) |
| Display: | 80, 72, 40, or 36 columns by 20 or 25 lines keyboard selectable, 8 colors - black, blue, cyan, magenta, green, red, yellow, and white; reverse video, blink, 248 characters (ASCII upper/lower, Greek, graphics) |
| I/O : | Centronics parallel, serial - 300/600/1200/2400/4800 baud. Cassette port - 1200/2400 Hz |
| Language: | N-Basic (Microsoft) supports - Variable types (integer, floating point, string), graphics functions, color functions, PEEK, POKE, INP, OUT, PRINT-USING, IF-THEN-ELSE, Screen Editing, Arrays of 255 dimensions, 16 significant digits, and machine monitor. |



Computers

| | Description | Order Number | Price |
|---|--|-------------------|---------------|
|  | NEC PC-8012A I/O Expansion | NEC-HC-020 | 549.00 |
| | Specifications: RAM: 32K expandable to 128K with additional boards Disk: I/O port Slots: Seven PROM: 2K area (chips optional) Interrupt control: 8 levels implemented — 16 possible | | |
| | NEC PC-8031A Mini Disk Drive | NEC-HC-030 | 895.00 |
| | Specifications: Dual Drives: 143K bytes/disk, 35 tracks, 16 sectors/track, 256 bytes/sector Access Time: minimum 0.3 sec/ maximum 1.82 sec Includes Disk Controller and Disk Buffers Requires PC-8033A or PC-8012A | | |
| | NEC PC-8033A Disk I/O Port | NEC-HC-040 | 129.00 |
| | Interfaces the PC-8001A to the floppy disk drive unit (not required with the PC-8012A). | | |
| | NEC PC-8023A Dot Matrix Printer | | |
| | See printer section for description | | |
| | NEC PC-8023A Printer | NEC-HP-005 | 649.00 |
| | NEC PC-8094A Printer Cable | NEC-HP-006 | 44.95 |
| | NEC Monitors | | |
| | See Monitor section for description | | |
| | NEC JB-1201(A) Green | NEC-MN-010 | 199.00 |
| | NEC JC-1202DH(A) Hi-Res RGB Color | NEC-MN-030 | 955.00 |
| | NEC PC-8091A RGB Cable for JC-1202DH(A) | NEC-MN-040 | 19.95 |
| | CP/M Operating System for PC-8001A | NEC-SN-050 | 150.00 |
| | Racet NECDOS Operating System for PC-8001A | RAC-SN-110 | 169.00 |



ALTOS COMPUTER SYSTEMS

Microcomputer business system users rank Altos the number one system in overall satisfaction. No one offers a greater range of features or computing power than Altos. From systems with one Mbyte of floppy disk-based storage up to the latest 16-bit 40 Mbyte hard disk-based multi-user system, Altos has the system to fit your needs. Altos 8-bit computer systems use the Z-80 processor and 200ns dynamic RAM. These computers are ready to run as delivered, and include serial ports for terminals, printers, or modems and a parallel printer port. Most Altos computer systems are capable of multi-user operation (up to four users) and are expandable. A nationwide computer service organization supports all Altos products.

Altos Computer Models

| | | |
|---|-------------------|----------------|
| ACS8000-2 Single Side Drives | ACT-HC-010 | 2995.00 |
| The ACS8000-2 is designed for the single user system that will not be expanded. It features 64K RAM, two 8" floppy disk drives (single-side 1 Mbyte, double-sided drives 2 Mbytes), 2 serial ports, and an 8-bit parallel port. | | |

| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

SERIES 5

The new Series 5 Altos is the lowest priced true multi-user, multi-tasking system you can buy. It features up to three users with 192K of RAM, four serial ports, one parallel port, and either two 5¼" minifloppy drives (2 Mbytes of storage), or one minifloppy and one 5 Mbyte Winchester hard disk drive. And the Series 5 can be upgraded; the floppy disk based version can be upgraded to include the 5 Mbyte hard disk, while the hard disk version can add a second hard disk for a total of 10 Mbytes of storage.

| | | |
|---|------------|---------|
| Series 5-15D 2 Dual Sided Minifloppy | ACT-HC-030 | 3493.75 |
| Series 5-5D 1 5 Mbyte Winchester/1 Minifloppy | ACT-HC-040 | 6116.25 |

ACS8000-15

The ACS8000-15 is an expandable/upgradable four-user floppy-based system. It features 208K RAM, two 8" floppy disk drives (single/1 Mbyte or double sided/ 2 Mbyte), six serial ports, one parallel port and a high speed RS-432 port for networking. The ASC8000-15 can be upgraded with 10, 20, or 40 Mbyte Winchester hard disks and a hi-speed magnetic tape drive.

| | | |
|-------------------------------|------------|---------|
| ASC8000-15 Single Side Drives | ACT-HC-050 | 4079.00 |
| ASC8000-15D Dual Side Drives | ACT-HC-060 | 4899.00 |

ASC8000-10 / ASC8000-12 / ASC8000-14

The ACS8000-10, 12, 14 are the four-user 8" Winchester hard disk systems. These systems feature 10, 20, or 40 Mbytes of hard disk storage, 208K RAM, one 8" floppy disk drive (single or double sided), six serial ports, one parallel port, and an RS-432 serial port. The ASC8000 series is available with a mag-tape drive instead of the floppy disk and can be expanded to two hard disks, one mag-tape, and four floppy disk drives.

| | | |
|---|------------|-----------|
| ASC8000-10 10 Mb Hard + Single Sided Floppy | ACT-HC-070 | 6,545.00 |
| ASC8000-10/MTU 10 Mb Hard + Mag-tape Unit | ACT-HC-080 | 8,545.00 |
| ASC8000-12 20 Mb Hard + Single Sided Floppy | ACT-HC-090 | 8,045.00 |
| ASC8000-12/MTU 20 Mb Hard + Mag-tape Unit | ACT-HC-100 | 8,995.00 |
| ASC8000-14 40 Mb Hard + Single Sided Floppy | ACT-HC-110 | 9,779.00 |
| ASC8000-14/MTU 40 Mb Hard + Mag-tape Unit | ACT-HC-120 | 11,799.00 |
| CP/M 2.2 Operating System | ACT-HC-130 | 150.00 |
| MP/M II Operating System | ACT-HC-140 | 495.00 |
| OASIS Operating System | ACT-HC-150 | 869.00 |

ACS600 16-Bit Microcomputer

Altos brings you minicomputer power at microcomputer prices. The new 16-bit 8086 based computers are designed to handle tasks too large for 8-bit systems. The ACS600 computers can directly address up to one Mbyte of RAM, and handle up to eight users. The powerful 16-bit processor can perform complex mathematics calculations and handle large data base searches faster. Integrated Winchester Hard Disks with 10, 20, or 40 Mbytes of storage are included.

Features:

Multiple processors (8086 main processor, 8089 DMA and I/O processor, and the optional 8087 arithmetic processor)

9-bit error correction memory

Full communication support (Async, Bsync, Networking)

Integrated Winchester/Floppy or Mag-tape

Up to 1 Mbyte of memory (500K standard)

Multibus expansion interface

CP/M-86, MP/M-86, OASIS-16, and UNIX

Call for the configuration and pricing information.

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

HEWLETT PACKARD COMPUTER SYSTEMS

Hewlett Packard's line offers engineering excellence and performance. With extensive experience in scientific and engineering applications, HP has gained the reputation for high quality, excellent support, and innovative design. Now HP has a personal computer system to fit your business and professional needs.

HP 85 Personal Computer

The HP-85 is compact yet powerful computer system that can grow to meet your needs. The standard system has a built-in display monitor graphics capability, a built-in printer with graphics capability, BASIC in ROM, 16K of RAM, and a port for the HP application pacs. The HP-85 can be expanded to include floppy disk drives, additional ROM, expanded RAM, plotters, serial interface, and HP's GPIB scientific instrument interface.

| | | |
|---------------------------------|------------|---------|
| HP 85A Personal Computer | HWP-HC-010 | 2195.00 |
| HP Single 5¼" Disk Drive | HWP-HC-020 | 1295.00 |
| HP Dual 5¼" Disk Drive | HWP-HC-030 | 1995.00 |
| HP Single 8" Disk Drive | HWP-HC-040 | 3995.00 |
| HP Dual 8" Disk Drive | HWP-HC-050 | 5495.00 |
| HP-85 Memory 16K Memory Module | HWP-HC-060 | 239.00 |
| HP 82905 Impact Printer | HWP-HC-070 | 759.00 |
| HP 2631B Impact Printer Opt 885 | HWP-HC-080 | 3195.00 |
| HP 7225B Graphics Plotter | HWP-HC-090 | 2195.00 |
| HP Plotter Personality Module | HWP-HC-100 | 605.00 |
| HP ROM Drawer | HWP-HC-110 | 39.00 |
| HP Mass Storage ROM | HWP-HC-120 | 116.00 |
| HP Plotter/Printer ROM | HWP-HC-130 | 116.00 |
| HP Input/Output ROM | HWP-HC-140 | 235.00 |
| HP HP-IB Interface | HWP-HC-150 | 329.00 |
| HP RS-232 Interface M | HWP-HC-160 | 329.00 |
| HP RS-232 Interface F | HWP-HC-170 | 329.00 |
| HP Printer Interface | HWP-HC-180 | 239.00 |
| HP Visicalc PLUS | HWP-HC-190 | 159.00 |
| HP Standard Application Pac | HWP-HC-200 | 83.00 |
| HP General Statistics Pac | HWP-HC-210 | 83.00 |
| HP Financial Decisions Pac | HWP-HC-220 | 83.00 |
| HP Graphics Presentations | HWP-HC-230 | 159.00 |
| HP Information Management | HWP-HC-240 | 159.00 |

HP-125 Personal Computer

Housed in the same cabinet as the HP 2621 terminal (used on the HP-3000 minicomputer), the HP-125 offers a very smooth implementation of a Z-80 based, CP/M compatible business computer. The HP-125 features eight special soft-keys that are user programmable and a built-in 12" monitor with 24-line x 80-column display using a sharp 9x15 character cell. Easy to operate, the HP-125 includes an excellent set of user manuals.

Features:

- Dual Z80A processors (one for screen display)
- 64 bytes of system RAM
- 10K bytes of screen RAM
- 32K bytes of terminal ROM
- Detachable keyboard
- Built-in 12" hi-res display
- Two 5¼" floppy disk drives — 512 Kbytes (optional)
- Two 8" floppy disk drives — 2.32 Mbytes (optional)
- Two RS-232C serial ports (110 - 9600 baud)
- HP-IB Interface

| | | |
|-----------------------------|------------|---------|
| HP-125 Computer | HWP-HC-400 | 3149.00 |
| HP Model 10 Dual Minifloppy | HWP-HC-410 | 2195.00 |
| HP Model 20 Dual 8" Floppy | HWP-HC-420 | 5995.00 |
| HP VisiCalc/125 | HWP-HC-430 | 179.00 |
| HP Graphics/125 | HWP-HC-440 | 179.00 |
| HP Word/125 | HWP-HC-450 | 449.00 |
| HP BASIC/125 | HWP-HC-460 | 289.00 |
| HP Link/125 | HWP-HC-470 | 112.00 |

Description

Order Number

Price

Xerox 820 Computer

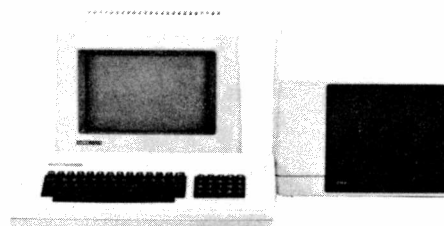
This is the cost effective solution to your computer needs. The Xerox 820 is fully configured and ready to use when you receive it — just plug in a few cables and turn it on. The 820 is user-friendly and easy to learn. The Xerox word processing system includes menu driven self-paced training. And best of all, Xerox stands behind it; service is available nationwide and service contracts are available from any Xerox service center.

The 820 is based on the reliable Z-80 processor and runs the industry standard CP/M operating system. Thousands of programs that run under CP/M are available, so there is no software shortage. Programs like Wordstar, Supercalc, Microsoft Basic, and many others are presently available.

The 820 features a crisp flicker-free 80-column × 24-row display, a serial printer port, serial communications port, and either 5 1/4" or 8" disk drives. The 820 detached keyboard features a 96-character typewriter-style layout and a 10-key numeric pad. The 820 is housed in an attractive cream-colored cabinet that will look at home in any setting.



For professional printer output, an optional 40-character-per-second letter quality printer is available.

| | | |
|------------------------------|------------|---------|
| Xerox 820 5 1/4" Drives | XRX-HC-010 | 2795.00 |
| Xerox 820 8" Drives | XRX-HC-020 | 3595.00 |
| Xerox 40 cps Printer | XRX-HC-030 | 2995.00 |
| Xerox CP/M Operating System | XRX-HC-040 | 150.00 |
| Xerox Word Processing System | XRX-HC-050 | 459.00 |



Modems

Modems

| | Description | Order Number | Price |
|---|---|-------------------|---------------|
|  | Lexicon Lex-11 | LEX-HM-010 | 109.00 |
| | The LEX-11 is an excellent low cost 300 baud acoustically coupled modem. It interfaces with virtually any computer through an RS-232C interface. | | |
| | Features: 300 baud, Originate or Answer, full- or half-duplex Bell 103a compatible Power and carrier detect indicator Self test Receiver sensitivity 47 dbm | | |
| | | | |
|  | Novation CAT Acoustic Modem | NOV-HM-020 | 139.00 |
| | Our most popular acoustic modem, the CAT is the industry's standard for comparison in modems of this type. | | |
| | Features: 300 baud, full- or half-duplex Modes: Answer, Originate, Self-Test Indicators: power, Carrier (ready) Interface: EIA RS-232C | | |
| | | | |
|  | Novation D-CAT | NOV-HM-010 | 156.00 |
| | Direct-Connect type modems are best for extended connect time. The D-CAT eliminates noise and dropouts due to poor acoustic coupling. It can be used on single or multi-line phones with the modular jack type connection. | | |
| | Features: 0-300 baud rate, full- or half-duplex Modes: Answer, Originate, Self-test EIA RS-232C Interface Power and Carrier (ready) indicators | | |
| | | | |
|  | Novation Auto-CAT | NOV-HM-030 | 219.00 |
| | The Auto-CAT is an RS-232C compatible direct-connect auto-answer modem. It is also compatible with Bell 103 standard for communications. | | |
| | Features: 0 to 300 baud, full- or half-duplex Modes: auto answer, manual answer, manual originate Test: local and remote loop-back FCC approved direct-connect | | |
| | | | |
|  | Novation Apple-CAT II | NOV-HM-040 | 319.00 |
| | This is Novation's full feature plug-in modem for the Apple II computer and it's the only one that offers Bell 202 1200 baud capability. | | |
| | Features: 0 to 1200 baud, Bell 103 and Bell 202, full- and half-duplex Auto dial (Pulse or Touch Tone), auto answer, re-dial Touch Tone receiver, built-in BSR controller Built-in direct-connect phone line interface (PLI) Firmware compatible with Applesoft, Pascal, And Z-80 Softcard | | |
| | | | |
|  | Hayes Stack Smartmodem | DCM-HM-030 | 227.00 |
| | The Smartmodem represents the state-of-the-art in 300 Baud Modem technology. Its on-board microprocessor controls a wide selection of features not available on other stand-alone 300 baud modems. | | |
| | Features: Auto-answer, auto-dial, repeat Bell 103 compatible, full- or half-duplex Touch Tone or Pulse dial compatible Completely programmable Direct connect microcoupler Built-in audio monitor | | |
| | | | |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

| | | |
|---|-------------------|---------------|
| Hayes Micromodem II For The Apple II | DCH-HM-010 | 287.00 |
|---|-------------------|---------------|

Micromodem II is a complete Plug-in communications package for the Apple II computer, eliminating the need for a separate serial interface. The Micromodem includes terminal software in ROM and additional software on diskette. Easy to install, it's direct-connect to phone lines.

Features:

Direct-connect microcoupler
Auto answer, auto dial 110 or 300 baud
Bell 103 compatible



| | | |
|---|-------------------|---------------|
| Hayes Micromodem 100 S-100 Communications Card | DCH-HM-020 | 315.00 |
|---|-------------------|---------------|

The Hayes Micromodem 100 is a complete plug-in communications card for S-100 Bus microcomputers. The Micromodem 100 is under complete control of your computer system.

Features:

45 to 300 baud
Auto answer, auto dial
Direct-connect
Full- or half-duplex
Completely software controlled

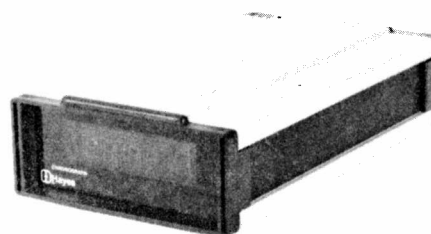


| | | |
|--------------------------|-------------------|---------------|
| Hayes Chronograph | DCH-HO-040 | 199.00 |
|--------------------------|-------------------|---------------|

The Hayes Chronograph is a stand-alone RS-232C compatible Clock/Calendar that reports date, day, and time in a 12- or 24-hour format. The Chronograph allows you to program your computer to automatically activate programs at a given time without operator intervention.

Features:

Quartz precision
Computer alarm
Battery backup
Automatic Leap Year adjustment

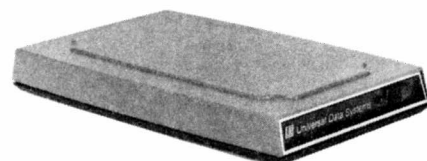


| | | |
|--|-------------------|---------------|
| Universal Data Systems Modems UDS 103LP | UDS-HM-010 | 175.00 |
|--|-------------------|---------------|

The UDS 103 LP is an easy-to-interface stand-alone modem for any RS-232C compatible computer system. It features direct connect installation that draws its power from the phone line — no AC power required.

Features:

Bell 103 compatible
No DAA required
Front panel switch data/talk
0-300 baud operation



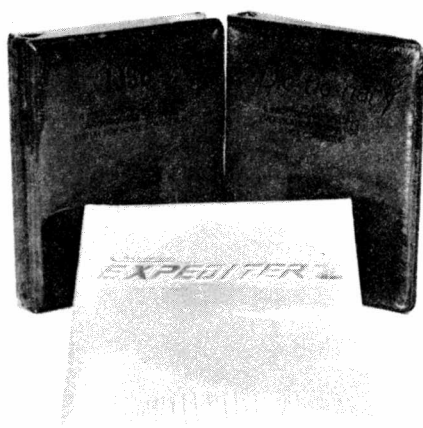
| | | |
|--|-------------------|---------------|
| Universal Data Sytems UDS 103 JLP | UDS-HM-020 | 209.00 |
|--|-------------------|---------------|

This has the same features as the 103 LP but is also capable of auto-answer.

Software

Software

| Description | Order Number | Price |
|--|-------------------|---------------|
| APPLE SOFTWARE | | |
| HOWARD SOFTWARE SERVICES | | |
| Tax Preparer Apple II | HOW-SA-010 | 109.95 |
| With this package, you can prepare several tax forms in the IRS format for filing. It will provide you with year-long record-keeping and year-end tax filings. | | |
| Creative Financing Apple II | HOW-SA-020 | 139.95 |
| This program will help you evaluate real-life investments and loans, provide cash flow and R-I-O projections as well as payment tables, and determine yield to maturity of discounted bonds. | | |
| Real Estate Analyser Apple II | HOWSA-030 | 139.95 |
| This will project future results and objectively compare alternative investments. You can also ask 'What If?' for changes in property values, loans, rents, taxes, operating expenses and the value of money. | | |
| ON-LINE SYSTEMS | | |
| The Dictionary | OLS-SA-020 | 72.95 |
| The Dictionary checks your spelling. Its 25,000 word dictionary has room for much more if you need to customize. | | |
| The General Manager Apple II | OLS-SA-030 | 72.95 |
| The General Manager is a data base manager that uses the hierarchical structure of the mainframes to give you the most power. | | |
| Screenwriter II Apple II | OLS-SA-040 | 94.95 |
| This keyboard buffer gives you upper and lower case and seventy columns without the need for more hardware. Includes full editing capabilities and does not require 80-column video or hardware for upper/lower case. | | |
| Expediter II | OLS-SA-010 | 72.95 |
| This Applesoft Compiler will compile your programs into fast, efficient machine language for faster operation. | | |
| Lisa 2.5 | OLS-SA-050 | 57.95 |
| This is an excellent editor/assembler for the Apple II computer. Lisa allows you to write your own machine language programs. | | |
| PERSONAL SOFTWARE | | |
| VisiCalc Apple II | PER-SA-010 | 189.00 |
| Visicalc gives you a large worksheet to solve nearly any number problem automatically. You can type in numerical information and the VisiCalc program instantly calculates the mathematical results. If you change one figure, the program immediately recalculates automatically. | | |



| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

| | | |
|------------------------|-------------------|---------------|
| Desktop/Plan II | PER-SA-070 | 189.00 |
|------------------------|-------------------|---------------|

This guides you from the initial layout of your financial model to a final printout of an executive boardroom-quality report. The line chart and bargraph chart graphics receive information from the VisiCalc program.

| | | |
|--------------------------|-------------------|---------------|
| VisiFile Apple II | PER-SA-060 | 189.00 |
|--------------------------|-------------------|---------------|

The VisiFile program will communicate with VisiCalc, VisiPlot, and VisiTrend/VisiPlot programs and transfer the files to the VisiFile. It will store, search, sort, and calculate various data — the perfect data base management tool.

| | | |
|--------------------------|-------------------|---------------|
| VisiPlot Apple II | PER-SA-030 | 158.00 |
|--------------------------|-------------------|---------------|

Hi-res graphics and charts can be created faster than ever before. There's no need to program because you can visualize data in six different graphics formats and six different colors. Graphs include line charts, bargraphs, and pie charts along with high and low chart and scatter chart.

| | | |
|------------------------------------|-------------------|---------------|
| VisiTrend/VisiPlot Apple II | PER-SA-050 | 229.00 |
|------------------------------------|-------------------|---------------|

If you need to perform business computations on time series data, with linear regression, and be able to graph the results, then you need VisiTrend/VisiPlot.

| | | |
|-------------------------|-------------------|---------------|
| VisiDex Apple II | PER-SA-020 | 189.00 |
|-------------------------|-------------------|---------------|

Because it is a data base system that stores and retrieves information through keywords which you assign, VisiDex will think as you do.

| | | |
|--------------------------|-------------------|--------------|
| VisiTerm Apple II | PER-SA-040 | 79.00 |
|--------------------------|-------------------|--------------|

If you have need to communicate with larger computers or other personal computers, or would like to transfer disk files over the phone, VisiTerm can perform the task for you. Apple Communications Interface Card and a modem, DC Hayes Micromodem or California Computer Systems 7710 Asynchronous Serial Interface and a modem are required.

SOFTAPE

| | | |
|------------------------------|-------------------|--------------|
| Magic Window Apple II | ART-SA-010 | 69.95 |
|------------------------------|-------------------|--------------|

Now you can have 80-column word processing without expensive hardware; the unique scrolling window gives you 80 columns without an 80-column card. Global search, justification, full cursor and line control, and centering are just some of its features.

| | | |
|-----------------------------|-------------------|--------------|
| Magic Words Apple II | ART-SA-010 | 49.95 |
|-----------------------------|-------------------|--------------|

The Mailer will let you merge your Magic Window files with other data to create customized letters and forms.

| | | |
|------------------------------|-------------------|--------------|
| Magic Mailer Apple II | ART-SA-030 | 49.95 |
|------------------------------|-------------------|--------------|

This proofreader will check your Magic Window documents against its 14,000-word dictionary.

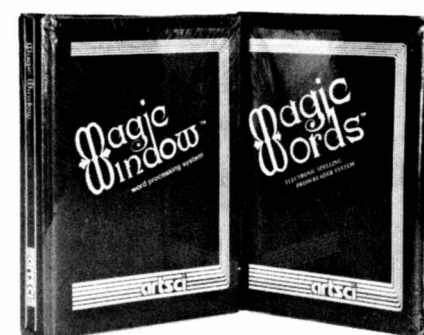
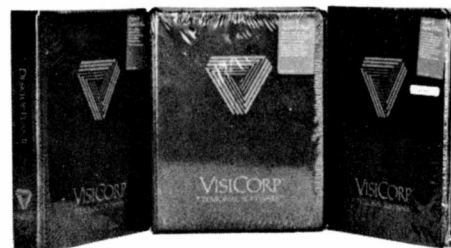
SOFTWARE PUBLISHING CORPORATION

| | | |
|---|-------------------|--------------|
| PFS: Personal Filing System Apple II | PFS-SA-010 | 89.95 |
|---|-------------------|--------------|

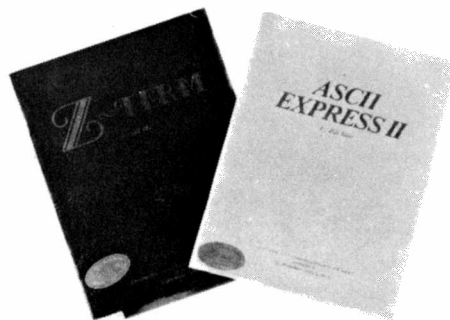
The Personal Filing System will let you store and retrieve information with forms that you design.

| | | |
|------------------------------|-------------------|--------------|
| PFS: Reports Apple II | PFS-SA-020 | 74.95 |
|------------------------------|-------------------|--------------|

This lets you produce quality reports with sorting and, from your PFS data files, provides you with the end calculations you need.



Software



Description

Order Number

Price

SOUTHWESTERN DATA SYSTEMS

ASCII Express **SDS-SA-005** **61.95**

This is a complete communications package with many transfer modes including editor for files, built-in directory, keyboard macros and more.

Z-Term Apple CP/M **SDS-SA-010** **79.95**

Z-Term is a communications package for the Apple CP/M. It will receive files, send files up to 41K, has an auto-saver mode, and more.

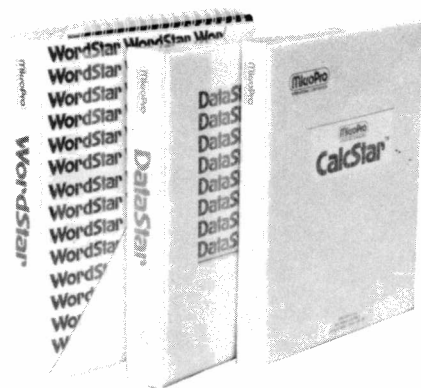
Z-Term Professional **SDS-SA-020** **109.95**

All the features of the above plus: support for the Novation Apple Cat, Christensen and Pan transfer protocols 1200 baud, unattended transfer, slow printer buffer, and auto-answer.

WEST SIDE ELECTRONICS

Time-Clock II **WSE-SA-020** **29.00**

This clock keeps track of time spent on the computer for billing by client or by job. It will also provide a detailed printout for such billing. Super Clock II required.



MICROPRO

Wordstar Apple CP/M **MPO-SA-020** **219.00**

Features include print spooling, help messages, video editing, on-screen formatting, word wrap, page break display, print enhancements, flexible formatting, flexible pagination, hyphen help, decimal tab, paragraph indent, and program execution.

Mailmerge Apple CP/M **MPO-SA-030** **79.00**

This will take a file containing names and addresses and merge already-written text with those same names and addresses. It's great for personalized form letters, or business letter 'boiler plating'. WordStar required.

Spellstar Apple CP/M **MPO-SA-080** **119.00**

If you are tired of spelling errors and typos, let Spellstar find them for you. Spellstar has a user-expandable 20,000 dictionary, and interfaces to WordStar for easy spelling checking and correction. WordStar required.

CalcStar Apple CP/M **MPO-SA-140** **149.00**

This is Micropro's version of the electronic spread sheet. It does everything that you want in a forecasting and planning program. As you enter changes into your spreadsheet, calculations are performed automatically to update all related figures. CalcStar also produces output that can be read by WordStar as a text file.

DataStar Apple CP/M **MPO-SA-110** **179.00**

This is a complete retrieval and update system for microcomputers. Its features include data entry and verification, arithmetic operations, search and retrieval along with edit/updating operations, help messages, CP/M compatibility, visual feedback, horizontal and vertical scrolling, and field attribute definitions.

SuperSort Apple CP/M **MPO-SA-190** **145.00**

SuperSort lets you sort, merge, and select. For example, if your records contain name, address, sex, annual earnings, age group, and marital status, you could select all the records for single females over 35, earning between \$25,000 and \$35,000, living in the western U.S.

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

STONEWARE MICROCOMPUTER PRODUCTS

| | | |
|---------------------------|-------------------|---------------|
| DB Master Apple II | STN-SA-010 | 169.00 |
|---------------------------|-------------------|---------------|

This program uses an ISAM filing system; records are stored and maintained automatically in their primary key order. Apple II or Apple II Plus, one to four disk drives (two are recommended), and DOS 3.3 or Language System are required.

| | | |
|-----------------------------|------------|-------|
| DB Master Utility Pack No.1 | STN-SA-020 | 69.00 |
|-----------------------------|------------|-------|

MICROSOFT

| | | |
|----------------------------|-------------------|---------------|
| Cobol-80 Apple CP/M | MSF-SA-020 | 550.00 |
|----------------------------|-------------------|---------------|

The American National Standards Institute has defined twelve different functional processing modules at two different levels for the elements of the Cobol language. Cobol-80 exceed ANSI requirements with a combination of Level 1 and Level 2 features.

| | | |
|-------------------|-------------------|---------------|
| Fortran-80 | MSF-SA-010 | 150.00 |
|-------------------|-------------------|---------------|

Fortran 80, for science and engineering uses, compiles several hundred statements per minute in a single pass. It requires no more than 27K bytes of memory to compile most programs.

| | | |
|---|-------------------|---------------|
| TASC - Applesoft Compiler Apple II | MSF-SA-030 | 150.00 |
|---|-------------------|---------------|

This compiler is from Microsoft, the company that wrote Applesoft. TASC will compile most programs without modifications and it is compatible with most systems. Supports the 16K RAMCard.

| | | |
|------------------------------|-------------------|--------------|
| Typing Tutor Apple II | MSF-SA-040 | 19.95 |
|------------------------------|-------------------|--------------|

Typing Tutor is designed to help you improve your typing speed. A timing monitor is included so that you can test the speed you're working at.

CONTINENTAL SOFTWARE

| | | |
|-------------------------------------|-------------------|---------------|
| Accounts Receivable Apple II | CON-SA-010 | 179.95 |
|-------------------------------------|-------------------|---------------|

Here is a system that will allow you to print invoices, issue statements, print sales and cash receipts journals, simulate manual special journal entries, customize journals, print aging reports to 150 days, give you customer lists and labels, and then post to general ledger.

| | | |
|-------------------------|-------------------|---------------|
| Accounts Payable | CON-SA-020 | 179.95 |
|-------------------------|-------------------|---------------|

This will print your checks, print purchases and cash disbursement journals, simulate manual special journal entries, customize journals, post to general ledger, print aging reports up to 150 days, print cash requirements reports and give you a list of vendor lists and labels.

| | | |
|-------------------------|-------------------|---------------|
| Payroll Apple II | CON-SA-030 | 179.95 |
|-------------------------|-------------------|---------------|

This will maintain employee records, print payroll checks, print 941 information, print W-2 forms, print State of California form DE-3 information, print payroll journal information, and post to general ledger.

| | | |
|-------------------------------------|-------------------|---------------|
| Property Management Apple II | CON-SA-040 | 179.95 |
|-------------------------------------|-------------------|---------------|

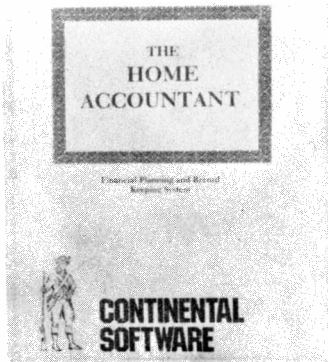
This will give you complete transaction bookkeeping, status queries, expense data, comprehensive but straightforward reports, and it interfaces with Continental accounting packages.

| | | |
|------------------------------|-------------------|--------------|
| The Mailroom Apple II | CON-SA-050 | 24.95 |
|------------------------------|-------------------|--------------|

The Mailroom will store up to 750 entries, print master list and labels, quick search, and sorts in 5 seconds. It provides 10 different entry fields and allows easy editing and customized inputs.



Software



| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

| | | |
|-------------------------------------|-------------------|--------------|
| The Home Accountant Apple II | CON-SA-060 | 59.95 |
|-------------------------------------|-------------------|--------------|

This will let you maintain up to 100 budget categories, keep track of up to 5 check books, print checks, print personal balance sheets, print a net worth statement, and more.

ACCOUNTING PLUS II*

| | | |
|--------------------------------|-------------------|---------------|
| General Ledger Apple II | ACP-SA-090 | 295.00 |
|--------------------------------|-------------------|---------------|

The General Ledger generates previous year comparisons of general activity, produces financial statements, and provides journal entry capability with computer-assisted screen forms to eliminate out-of-balance entries and redundant key strokes. It also maintains up to 65,000 user defined accounts, maintains complete auditability of all general ledger accounts, produces journal reports and much more.

| | | |
|-------------------------------------|-------------------|---------------|
| Accounts Receivable Apple II | ACP-SA-020 | 295.00 |
|-------------------------------------|-------------------|---------------|

Can handle open accounts receivable, maintain customer master file, and integrate to the Invoicing/Billing systems automatically through the accounts receivable file. 65,000-customer list maintained, 20 user-accounts defined, up to 10 sales accounts, and much more.

| | | |
|----------------------------------|-------------------|---------------|
| Accounts Payable Apple II | ACP-SA-030 | 295.00 |
|----------------------------------|-------------------|---------------|

This will post invoices to Accounts Payable and allocated Expense Accounts in General Ledger. It also provides cash disbursement controls at the individual invoice level, and open accounts payable reports sorted by vendor. Prints checks, maintains master vendor file, maintains up to 65,000 vendors, and more.

| | | |
|---------------------------|-------------------|---------------|
| Inventory Apple II | ACP-SA-040 | 295.00 |
|---------------------------|-------------------|---------------|

Accounting Plus II for the Apple II is an inventory control system with purchasing. It maintains part master file, methods of taking physical inventory, usage history of inventoried items, tracks on hand, tracks on order and allocated quantities. This program allows for two cost methods, standard and weighted average, and will hold up to 65,000 inventory items. Also provides for purchase order control.

*Note: For any of the Systems Plus programs to function, the General Ledger is required.

Apple programs for the Apple II Plus are written in Applesoft Basic and assembly language and require a minimum of two disk drives or a hard disk system to operate with 48K of internal memory.

TRS-80 SOFTWARE

COMMUNICATIONS SOFTWARE

| | | |
|------------------------------------|-------------------|--------------|
| Omniterm TRS-80 Model I,III | CIN-ST-010 | 89.00 |
|------------------------------------|-------------------|--------------|

Omniterm is a full-featured smart terminal program from Lindberg Systems representing the latest in communications software technology. With Omniterm you can communicate with and transfer files to almost any computer. Included is a well-written user's manual and six useful utilities. Omniterm features include: memory buffer, save-to-disk, transmit memory, code translation tables, software baud rate control, screen formatting, and auto-log on.

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

TRS-80 Model I,III Word Processing**LAZY WRITER**

Lazy Writer is a powerful machine language word processor for the TRS-80 Model I and III. Its user help file assists you while you learn the system. Packed with features, the Lazy writer includes full cursor control, search & replace, headers, footers, superscript & subscript, underline, boldface, repeating keyboard, chain printing, customizable printer routine, serial and parallel drivers, loads any ASCII file, and much more.

| | | |
|-----------------------|------------|--------|
| Lazy Writer Model I | SSM-ST-010 | 169.00 |
| Lazy Writer Model III | SSM-ST-020 | 169.00 |

MICROPROOF SPELLING CHECK PROGRAM

Microproof has 50,000-word dictionary and is compatible with any ASCII file. It will find misspelled words in your document files and its dictionary is expandable to fit your own needs. Requires 2 Disk 32K System.

| | | |
|----------------------|------------|-------|
| Microproof Model I | SSM-ST-030 | 84.95 |
| Microproof Model III | SSM-ST-040 | 84.95 |

PROSOFT NEWSSCRIPT

Newscrip provides over 100 different editing and printing commands and was patterned after the IBM CMS word processor. Newscript supports all popular printers, both dot-matrix and letter quality. Its features include headings, page numbering, centering, global search and change, indexing, and table of contents generation. Newscript supports all 12 MX-80 fonts including underline and italics (on Grafrax Epsoms). A mailing label printing option is available.

| | | |
|------------------------------|------------|--------|
| Newscript Model I | PRO-ST-010 | 99.00 |
| Newscript Model I w/labels | PRO-ST-015 | 115.00 |
| Newscript Model III | PRO-ST-020 | 99.00 |
| Newscript Model III w/labels | PRO-ST-030 | 115.00 |

TRS-80 Model I,III Mailing List Programs**SPECIAL DELIVERY**

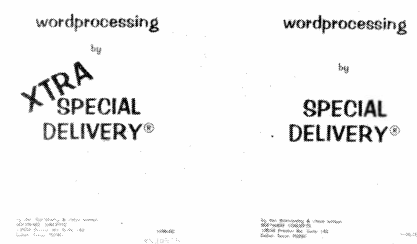
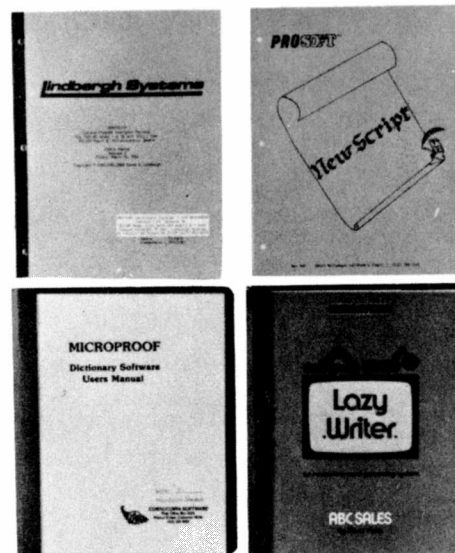
Special Delivery, a complete and powerful mailing list file manager from Software Concepts, is very easy to use. With fast machine language and screen-oriented data entry format, managing your mailing lists is as easy as filling in blanks. Features include: Convert — this utility will convert your present BASIC mailing list files into Special Delivery files; Mailform — this is the data entry and file handling routine that is the core of the system; Data entry is through a fill-in-the-blank screen with on-screen prompts, fast searches and sorts; Mailwrite — names from your mailing list can be merged with text created using any word processor with this utility, to create personalized form letters.

| | | |
|-------------------------------|------------|--------|
| Special Delivery Model I, III | SFC-ST-010 | 119.00 |
|-------------------------------|------------|--------|

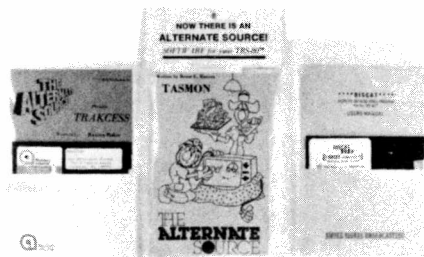
XTRA-SPECIAL DELIVERY

This is an enhanced version of Special Delivery; it adds increased sorting ability. While Special Delivery can only sort what is in memory, XTRA can sort an entire 40-track double-density diskette. XTRA also includes Mailable, which prints 1, 2, 3 or 4 across labels.

| | | |
|------------------------------------|------------|--------|
| XTRA-Special Delivery Model I, III | SFC-ST-020 | 189.00 |
|------------------------------------|------------|--------|



Software



| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Utility Programs

TRAKCESS TRS-80

Trakcess is bit-image disk copy utility for the Model I TRS-80. It allows direct control of the floppy disk controller so you can examine anything on a TRS-80 diskette — even the formatting information.

| | | |
|--------------------------|------------|-------|
| Trackcess TRS-80 Model I | TAS-ST-010 | 24.95 |
|--------------------------|------------|-------|

TASMON Z-80 MONITOR AND DISASSEMBLER

Tasmon, a powerful Z-80 monitor with complete disk I/O capability, relocates to anywhere in RAM and has single-step and trace. Tasmon is also a disassembler that can generate source code disk files to be loaded into an assembler. Tasmon has full set of monitor commands.

| | | |
|------------------|------------|-------|
| Tasmon Model I | TAS-ST-020 | 27.95 |
| Tasmon Model III | TAS-ST-030 | 27.95 |

BOSS BASIC OPERATED SINGLE-STEPPER

This utility allows you trace the program flow of a program written in BASIC by single-stepping and examination of variables. Shipped on cassette, it loads to a disk.

| | | |
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| Boss Model III | TAS-ST-040 | 18.95 |
| Boss Model I | TAS-ST-050 | 18.95 |

SUPER UTILITY PLUS

This is Disk Utility for zapping, copying, repairing, or examining anything on TRS-80 disks. Super Utility Plus is a stand alone program and does not use any DOS or ROM calls. It will copy disks that are uncopyable either due to damage or copy protection — a must-have program for your library.

| | | |
|-------------------------|------------|-------|
| Super Utility Model I | TAS-ST-060 | 69.95 |
| Super Utility Model III | TAS-ST-070 | 69.95 |

DISCAT DISK CATALOGING SYSTEM

A machine language disk cataloging/indexing program from Racet computers, DISCAT can catalog up 17,000 programs; this 48K system can manage 1900 programs at one time and keep track of nine separate indexes. DISCAT writes an identification code to each diskette so that automatic updating takes only about 3 seconds per diskette. The program allows sorting by diskette ID or by file name — sorting 800 records takes only about 25 seconds. Compatible with TRSDOS and NEWDOS 80.

| | | |
|------------------|------------|-------|
| DISCAT Model I | RAC-ST-030 | 44.95 |
| DISCAT Model III | RAC-ST-040 | 44.95 |

KFS-80

KFS-80 from Racet is a machine language ISAM routine that interfaces with BASIC. It uses B-tree searches for rapid access to records, access/insert times of 1-4 seconds. Records are kept in sorted order by alpha key. Comprehensive file maintenance and debugging utilities are included.

| | | |
|------------------|------------|-------|
| KFS-80 Model I | RAC-ST-050 | 90.00 |
| KFS-80 Model III | RAC-ST-060 | 90.00 |

INFINITE BASIC

Extends Level II BASIC with complete Matrix functions and 50 more string functions. Includes Racet machine language sorts.

| | | |
|--------------------------|------------|-------|
| Infinite BASIC Model I | RAC-ST-010 | 49.00 |
| Infinite BASIC Model III | ARC-ST-015 | 59.00 |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

DSM DISK SORT/MERGE

Disk Sort/Merge is for random files. This stand-alone machine package has the fastest sorts and merges available for the TRS-80. It even handles multiple disk files. Improved disk I/O.

| | | |
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| DSM Model I | RAC-ST-070 | 69.00 |
| DSM Model III | RAC-ST-080 | 82.95 |

BLINK BASIC LINK FACILITY

Link one BASIC program to another while saving all variables. The chained program can be smaller or larger than the caller and it may replace the original or be merged with it by statement number.

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| Blink Model I | RAS-ST-090 | 22.95 |
| Blink Model III | RAC-ST-100 | 27.95 |

Microsoft

| | | |
|---------------------------------|------------|--------|
| BASIC COMPILER Model II Disk | MSF-ST-030 | 147.95 |
| BASIC COMPILER Model II 8" CP/M | MSF-ST-035 | 299.00 |

Microsoft's Basic Compiler allows you to compile programs written in Radio Shack BASIC (compiled programs run 3 to 10 times faster). BASCOM produces optimized Z-80 code. Included with BASCOM: LINK-80, a relocatable link-loader; BASLIB, the library of functions; and CREF-80, a cross reference utility.

| | | |
|------------|------------|--------|
| FORTRAN-80 | MSF-ST-040 | 150.00 |
|------------|------------|--------|

Fortran is the most-used language in science and engineering. FORTRAN-80 requires only 27K to compile most programs. Compiled Fortran code is fast, modular and compact. This is ANSI standard Fortran X3.9-1966 except for complex data types.

| | | |
|----------------------------------|------------|-------|
| LEVEL III BASIC MODEL I CASSETTE | MSF-ST-045 | 37.95 |
|----------------------------------|------------|-------|

You can add many powerful enhancements to Radio Shack BASIC, including advanced graphics, Chain & Common, new editing commands (copy/transfer lines, find string, global change), MENU command constructs a menu with one BASIC statement, and much more. Model I disk.

| | | |
|--|------------|-------|
| EDITOR ASSEMBLER PLUS MODEL I CASSETTE | MSF-ST-020 | 22.95 |
|--|------------|-------|

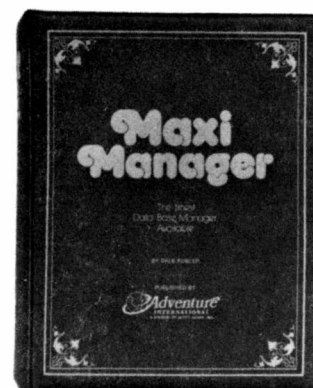
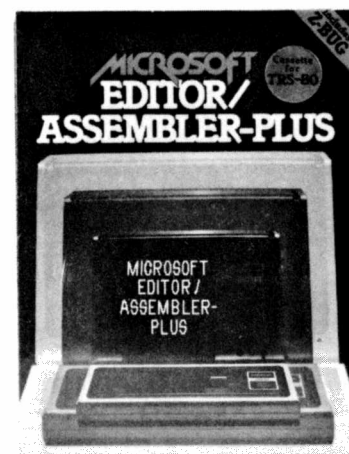
Microsoft's Editor Assembler provides a complete Assembly Programming package, assembler, advanced feature editor, and debugger. The assembler allows macros, conditional assembly, and assembly direct to memory. The editor features: move and copy, substitute, and extend. Z-BUG allows single-stepping, 8 break points, and symbolic references.

| | | |
|---------------|------------|-------|
| TRS-80 muMATH | MSF-ST-020 | 56.95 |
|---------------|------------|-------|

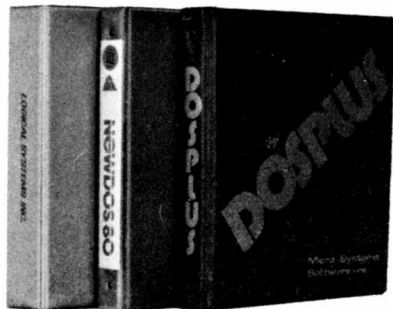
This is a symbolic math package that allows exact rational arithmetic (611 digits), symbolic differentiation, limits, symbolic integration of indefinite and definite integrals and more. TRS-80 Model I disk.

| | | |
|--------------|------------|-------|
| MAXI-MANAGER | ADV-ST-010 | 77.95 |
|--------------|------------|-------|

A full feature data-base program for the TRS-80, Maxi-manager features fast searches and sorts, flexible file structure, and easy operation. This exceptional program will solve your data handling problems.



Software



Description

Order Number

Price

TRS-80 Model I and III Operating Systems

NEWDOS/80 VERS 2.0

This is the third major revision of this popular operating system. Features include: support of eight-inch drives and 35, 40, 77, 80 track minidisk drives, single- and double-density, fast sort routine for BASIC, BASIC dynamic merge, chaining commands, device routing, mini-DOS, and Enhanced editing commands. Also includes the famous Apparat Superzap 3.0, EDTASM, Disassembler, Dircheck, and more.

| | | |
|-------------------------|------------|--------|
| NEWDOS/80 2.0 Model I | APA-ST-010 | 139.00 |
| NEWDOS/80 2.0 Model III | APA-ST-020 | 139.00 |

DOSPLUS

DOSPLUS is a fast, full featured operating system for the TRS-80. It's powerful but easy to use. Includes DEBUG, DISKDUMP, DISKZAP, enhanced BASIC, supports 35- through 80-track drives, and much more.

| | | |
|-------------------------------------|------------|--------|
| DOSPLUS 3.4 Model I Single Density | MYS-ST-010 | 89.00 |
| DOSPLUS 3.4D Model I Double Density | MYS-ST-015 | 89.00 |
| DOSPLUS 3.4 Model III 40 Track | MYS-ST-020 | 89.00 |
| DOSPLUS 3.38 Model III 40/80 Track | MYS-ST-040 | 139.00 |
| DOSPLUS 3.38 Model III 80 Track | MYS-ST-030 | 99.00 |
| DOSPLUS MTI Hard Disk Model III | MYS-ST-050 | 299.00 |

LDOS 5.1

LDOS does it all — it has so many features that it comes on two disks. Allows you to mix up to eight 5" and 8" floppys and hard drives. A 250-page user's manual explains the many features. Includes: Job Control Language, enhanced BASIC, Device independent routing, dated files, RS-232 driver, and communications.

| | | |
|--------------------|------------|--------|
| LDOS 5.1 Model I | LDS-ST-010 | 155.00 |
| LDOS 5.1 Model III | LDS-ST-020 | 155.00 |

CP/M SOFTWARE

Alpha Byte features the best in CP/M based software. Although the software listed below is stocked in eight-inch single density, most other CP/M formats are available on special request.

ACCOUNTING PLUS*

Pricing:

| | | | |
|-----------|---------|-----------|---------|
| 1 Module | 469.00 | 5 Modules | 1979.00 |
| 2 Modules | 869.00 | 6 Modules | 2299.00 |
| 3 Modules | 1249.00 | 7 Modules | 2649.00 |
| 4 Modules | 1599.00 | 8 Modules | 2999.00 |

General Ledger

ACP-SO-010

Generates previous year comparisons of general activity, produces financial statements, provides journal entry capability with computer assisted screen forms to eliminate out-of-balance entries and redundant key strokes, maintains up to 65,000 user-defined accounts, maintains complete auditability of all general ledger accounts, produces journal reports and much more.

| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

Inventory Control System**ACP-SO-070**

Maintains part master file, methods of taking physical inventory, usage history of all inventoried items, tracks on hand, on order, and allocated quantities. It allows about 65,000 inventory items, two cost methods (standard and weighted average), and more.

Accounts Receivable**ACP-SO-020**

Handles open accounts receivable, maintains customer master file, integrates to the invoicing/billing systems automatically through the accounts receivable file, 65,000 customer list maintained, 20 user accounts defined, allows up to 10 sales accounts, and more.

Sales Order System**ACP-SO-060**

Allows entry for sales orders, updating the master inventory file and sales order file, sales order changes, cancellations and partial shipments are handled, interfaces to general ledger and accounts receivable files, gives you backlog reports, item discount schedule, and more.

Purchase Order System**ACP-SO-050**

Enters purchase orders and automatically updates purchase order and inventory files, prints multiple page orders, allows for ordering stocked and non-stocked items, gives you reports on all purchase orders outstanding by purchase order number, vendor and part number, automatically updates the inventory file, allows for user defined 'ship to' addresses, and more.

Accounts Payable**ACP-SO-030**

Will post invoices to Accounts Payable and allocated expense accounts in General Ledger, provides cash disbursement controls at the individual invoice level, provides open Accounts Payable reports sorted by vendor, prints checks, maintains master vendor file, maintains up to 65,000 vendors, and more.

Payroll**ACP-SO-040**

Supports State, Federal, and Local Taxes, calculates and accrues sick leave and vacation time, allows up to 10 user-defined deductions, generates W-2 forms, supports 10,000 employees, interacts with Accounting Plus General Ledger, and more.

Point-of-Sale**ACP-SO-080**

Allows invoicing of stock, allows for comments and miscellaneous charges on invoice, automatic credit checking for open accounts, allows for payment by cash, check, or credit card, provides for return of goods which will up-date inventory and accounts receivable list, produces sales tax and royalty reports, and more.

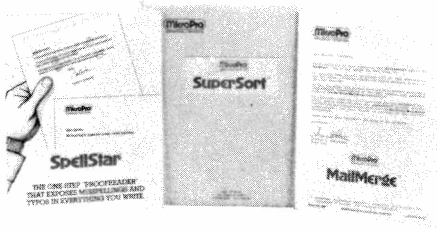
*Note: For any of the programs to function, Systems Plus requires that General Ledger be used when using any other module. In addition Sales Order and P.O.S. Entry require Inventory and Accounts Receivable. Purchase Order Entry also requires Accounts Payable and Inventory. Systems Plus is written in CBASIC2 and requires it for operation. 56K CP/M required.

MICROPRO**WordStar**

An outstanding, screen-oriented, integrated word processing system for non-technical personnel, WordStar is CP/M and MP/M compatible. Text command functions are fully prompted with on-screen help menus. Outstanding features include easy editing commands: insert, delete, move, copy or read from files. Text justification and page-break location is displayed on-screen as text is entered. Together with MailMerge and SpellStar, Wordstar is the most versatile, powerful wordprocessing system available for microcomputers.

| | | |
|------------------------|------------|--------|
| WordStar 8" CP/M | MPO-SO-010 | 293.00 |
| WordStar other (state) | MPO-SO-030 | 293.00 |

Software

| | Description | Order Number | Price |
|---|---|--------------------------|------------------|
|  | MailMerge | | |
| | A file-merging option to WordStar, MailMerge allows combining a file of names, addresses and other information with a file of letter text, inserting data where variables are specified, even mid-paragraph. You can create 'personalized' form letters; specified salutation, letter-closing and other data can be inserted into the body of the letter. MailMerge can use data from DataStar or CalcStar to generate special reports. | | |
| | MailMerge 8" CP/M MailMerge other (state) | MPO-SO-040 MPO-SO-060 | 103.00 103.00 |
| | SpellStar | | |
| | SpellStar is a WordStar option that finds spelling and typing errors. SpellStar proofreads at thousands of words per minute by comparing data with its expandable 20,000 word dictionary. It sees all apparent misspellings in context and flags each word not in the dictionary with a flashing cursor, giving three choices: change it, leave it, or leave it and add the new word to the main dictionary or a supplemental dictionary. | | |
| | SpellStar 8" CP/M SpellStar other (state) | MPO-80-070 MPO-SO-090 | 155.00 155.00 |
| | DataStar | | |
| | This comprehensive data entry, retrieval and update system for CP/M-based computers consists of two parts: Formgen is used to create forms for entering data by just typing the format on the screen and setting the field attributes; DataStar handles the data entry and verification process by using data from reference files to fill in the standard information automatically (names, addresses, prices, etc.). You only enter the new data. It performs arithmetic, verifies field data type (ASCII, Numbers, Range of numbers, etc.), and allows batch or on-line entry. | | |
| | DataStar 8" CP/M DataStar other (state) | MPO-SO-100 MPO-SO-120 | 235.00 235.00 |
| | SuperSort | | |
| | SuperSort is superior sorting, merging and selecting utility that will accept most kinds of data such as binary, BCD, ASCII, floating decimals, and justified data. SuperSort will simultaneously combine multiple files, select and exclude data, merge data, and translate data from one type to another. | | |
| | SuperSort 8" CP/M SuperSort other (state) | MPO-SO-180 MPO-SO-200 | 168.00 168.00 |
| | CalcStar | | |
| | CalcStar is an electronic spread sheet used for numeric report generation, projections, balance statements, cash flow analysis and any other job that requires numeric data entry and calculation. The real power of CalcStar is evident when data must be changed and re-entered many times; in those cases CalcStar automatically recalculates all values depending upon the changed data. This allows 'What-If?' type of calculations to be performed quickly and easily. | | |
| | CalcStar 8" CP/M CalcStar other (state) | MPO-SO-130 MPO-SO-170 | 199.00 199.00 |
| | MICROSOFT | | |
| | BASIC-80 8" CP/M | MSF-SO-020 | 285.00 |
| | The most extensive implementation of BASIC available, BASIC-80 meets requirements for the ANSI subset standards and supports many other unique functions. Features: four variable types, full PRINT USING, TRACE, ON ERROR GOTO, CHAIN & COMMON, direct access to CPU I/O ports with INP & OUT, PEEK/POKE, and a useful line editor. Full file handling with random and sequential types. | | |

| Description | Order Number | Price |
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| | | |
|-------------------------------|-------------------|---------------|
| BASIC Compiler 8" CP/M | MSF-SO-010 | 315.00 |
|-------------------------------|-------------------|---------------|

Single-pass compiler produces an object code that is highly optimized for speed and space — compiled integer BASIC is faster than many other compiled languages. The BASIC compiler supports most of the statements and functions of BASIC-80 and it includes a relocatable link loader, library manager, and a runtime module.

| | | |
|---------------------------|-------------------|---------------|
| FORTRAN-80 8" CP/M | MSF-SO-030 | 345.00 |
|---------------------------|-------------------|---------------|

Fortran-80 is the most popular language of science and engineering for the 8080/Z-80 based CP/M microcomputer. All of ANSI x3.9-1966 is included except complex data types. Supplied with an extensive library of single- and double-precision scientific functions, Fortran-80 features a relocating link loader, library manager, a macro assembler, and a cross reference utility.

| | | |
|-------------------------|-------------------|---------------|
| COBOL-80 8" CP/M | MSF-SO-060 | 568.00 |
|-------------------------|-------------------|---------------|

The most widely used business language, Cobol-80 carries full ANSI 74 Standard plus many extras; for example, full sequential relative and indexed files with variable names, formatted screen handling with ACCEPT and DISPLAY verbs, program segmentation for execution of programs larger than memory, and a CHAIN command with parameter passing.

SORCIM

SuperCalc

SuperCalc, a CP/M compatible visual calculator allows you to perform financial 'What-if?' calculations. The SuperCalc computer spread sheet can cover 63-columns and 254-rows of data; each cell can hold either data or a formula that is a relationship between other cells. When you change any data or formula, all other related cells change automatically. SuperCalc also features a 'Helpkey' to provide instant assistance when you need it.

| | | |
|------------------------------|------------|--------|
| SuperCalc 8" CP/M | SOR-SO-010 | 209.00 |
| SuperCalc other CP/M (state) | SOR-SO-020 | 209.00 |

dBASE II

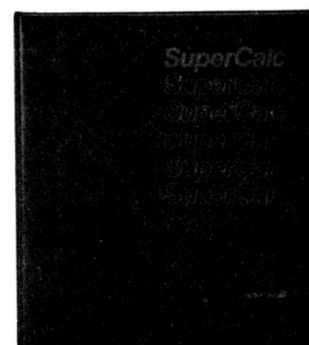
dBase II is a relational Data Base manager of incredible power. All you do is tell it what records you want and what you want to do with them, and it'll do all the file handling. You can add data, delete data, merge files, search for files, perform arithmetic, print reports, and edit data in either a direct command mode or in dBASE II's powerful, but easy to use, programming language. Most business programming, from mail lists to full accounting systems, can be developed using dBASE II. Files may contain up to 65,535 records, 1000 characters per record, 32 fields per record, and 254 characters per field. File creation is very easy: just type in the file name, define the field names, and set the field sizes. Requires CP/M, 48K RAM, and a cursor addressable CRT.

| | | |
|------------------------|------------|--------|
| dBase II 8" CP/M | ASH-SO-010 | 595.00 |
| dBase II other (state) | ASH-SO-020 | 595.00 |

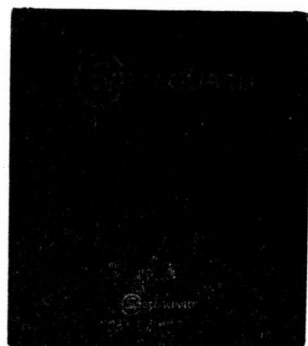
CBASIC 2

This compiled BASIC programming language is the most widely used language for implementing business systems. CBASIC 2 generates fast compact code. Includes run time module and compiler.

| | | |
|------------------------|------------|--------|
| CBASIC 2 8" CP/M | CPS-SO-010 | 139.00 |
| CBASIC 2 other (state) | CPS-SO-020 | 139.00 |



Software



| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Pascal/M

Pascal/M is a 8080/Z-80 compatible implementation of Pascal that supports the full Jensen & Wirth Standard, and includes many extensions, such as random access files and 16-bit BCD real type variables. Requires 56K CP/M 2.2.

| | | |
|------------------|------------|--------|
| Pascal/M 8" CP/M | | |
| 8080 + Z + -80 | SOR-SO-030 | 308.95 |
| 8088 + 8086 | SOR-SO-020 | 344.95 |

Spellguard version 2.0

This stand alone spelling checker program proofreads data against its 20,000-word expandable dictionary at 10,000 words per minute.

| | | |
|--------------------------|------------|--------|
| Spellguard 8" CP/M | ISA-SO-010 | 239.00 |
| Spellguard other (state) | ISA-SO-020 | 239.00 |
| Spellguard Apple CP/M | ISA-SA-030 | 239.00 |

SUPERSOFT

Supersoft Diagnostics II

Tests RAM (with both a quick test and a long test with error logging), video terminal, disk drives, printer, and the CPU. Complete diagnostics.

| | | |
|-----------------------------|------------|-------|
| Diagnostic II 8" CP/M | SUP-SO-010 | 89.00 |
| Diagnostic II other (state) | SUP-SO-020 | 89.00 |

| | | |
|---------------------|-------------------|---------------|
| "C" Compiler | SUP-SO-030 | 189.00 |
|---------------------|-------------------|---------------|

The Supersoft "C" compiler supports most of version 7 UNIX standard "C". Supersoft "C" is a two pass compiler that optimizes the final assembly code output to a disk, resulting in a very fast and efficient code that runs almost as fast as that written in assembly. It includes CP/M I/O library and many other useful library routines and requires 48K CP/M.

| | | |
|---------------------------------|-------------------|---------------|
| Supersoft SSS FORTRAN 8" | SUP-SO-050 | 219.00 |
|---------------------------------|-------------------|---------------|

SSS FORTRAN exceeds ANSI 1966 standards by including complex arithmetic, character variables, and functions. Compiles 600 lines per minute.

| | | |
|-------------------------|-------------------|--------------|
| Supersoft RATFOR | SOR-SO-040 | 89.00 |
|-------------------------|-------------------|--------------|

A RATFOR is a FORTRAN pre-compiler that allows the use of structured programming techniques such as IF-THEN-ELSE, REPEAT-UNTIL-WHILE, and MACRO defines. Produces standard FORTRAN source code.

| | | |
|-------------------------------|-------------------|--------------|
| COMMX Terminal Program | HWK-SO-010 | 82.50 |
|-------------------------------|-------------------|--------------|

COMMX, a complete terminal program for CP/M based computers, is menu driven for easy user operation. Features: file transfer with automatic disk accessing, X-On/X-Off protocol supported, CRC-16 error checking when transferring from one COMMIX to another, 7- or 8-bit data, auto-dial directory (Hayes S-100, PMMI), and local modes while on-line (file erase, file rename, login drive, directory). Available for most CP/M implementations.

| | | |
|--------------------------------|-------------------|--------------|
| Disk Directory Database | HWK-SO-020 | 74.95 |
|--------------------------------|-------------------|--------------|

Includes three programs: "D" provides an alpha-sorted directory for the selected drive and shows free space; "CDIR" — comprehensive directory and file status including file size, number of extents, and CP/M blocks — does a cross reference to check for duplicate allocations; "DDB" — a complete diskette cataloging system builds an alphabetical index of all your diskettes and programs and allows updating, searching, deleting, and adding programs or disks. Wild-card searches are also supported.

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

GAME SOFTWARE*

APPLE GAMES

Automated Simulations

| | | | |
|-----------------------------|--------------|------------|-------|
| Starfleet Orion | Apple II 32K | ASM-2201-D | 17.95 |
| Invasion Orion | Apple II 48K | ASM-2202-D | 17.95 |
| Temple of Apshai | Apple II 48K | ASM-2203-D | 28.95 |
| Tuesday Morning Quarterback | Apple II 48K | ASM-2209-D | 21.95 |
| Crush, Crumble and Chomp | Apple II 48K | ASM-2211-D | 21.95 |
| The Dragon's Eye | Apple II 48K | ASM-2212-D | 17.95 |
| Jabbertalky | Apple II 48K | ASM-2215-D | 21.95 |

Sublogic Systems

| | | | |
|---------------------|--------------|------------|-------|
| Flight Simulator | Apple II 48K | SUB-2201-D | 27.95 |
| A2-3D1 Graphics Pak | Apple II 48K | SUB-2202-D | 48.95 |
| Saturn Navigator | Apple II 48K | SUB-2203-D | 20.95 |
| A2-3D Enhancement | Apple II 48K | SUB-2204-D | 20.95 |
| A2-GE1 Graphics | Apple II 48K | SUB-2205-D | 28.95 |

Strategic Simulations Inc.

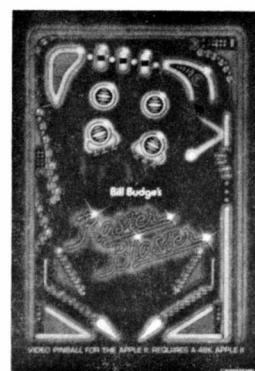
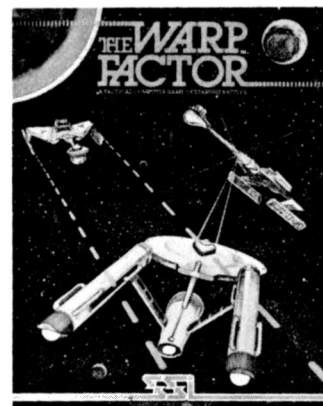
| | | | |
|------------------------|--------------|------------|-------|
| Computer Bismarck | Apple II 48K | SIM-2201-D | 41.95 |
| Southern Command | Apple II 48K | SIM-2216-D | 26.95 |
| Computer Ambush | Apple II 48K | SIM-2202-D | 41.95 |
| Computer Quarterback | Apple II 48K | SIM-2204-D | 26.95 |
| Computer Conflict | Apple II 48K | SIM-2205-D | 26.95 |
| Computer Air Combat | Apple II 48K | SIM-2206-D | 41.95 |
| The Warp Factor | Apple II 48K | SIM-2207-D | 26.95 |
| Cartels and Cutthroats | Apple II 48K | SIM-2208-D | 26.95 |
| Torpedo Fire | Apple II 48K | SIM-2210-D | 41.95 |
| The Shattered Alliance | Apple II 48K | SIM-2211-D | 41.95 |
| Tigers in the Snow | Apple II 48K | SIM-2215-D | 26.95 |
| The Battle of Shiloh | Apple II 48K | SIM-2217-D | 26.95 |
| Computer Baseball | Apple II 48K | SIM-2218-D | 26.95 |
| Operation Apocalypse | Apple II 48K | SIM-2219-D | 41.95 |
| Napoleon Campaign | Apple II 48K | SIM-2220-D | 41.95 |
| President Elect | Apple II 48K | SIM-2221-D | 26.95 |

Sirius Software

| | | | |
|---------------|--------------|------------|-------|
| Cyber Strike | Apple II 48K | SRS-2203-D | 28.95 |
| Phantoms Five | Apple II 48K | SRS-2204-D | 21.95 |
| Space Eggs | Apple II 48K | SRS-2206-D | 21.95 |
| Pulsar II | Apple II 48K | SRS-2207-D | 21.95 |
| Snake Byte | Apple II 48K | SRS-2220-D | 21.95 |
| Gorgon | Apple II 48K | SRS-2210-D | 28.95 |
| Sneakers | Apple II 48K | SRS-2211-D | 21.95 |
| Gamma Goblins | Apple II 48K | SRS-2221-D | 21.95 |
| Epock | Apple II 48K | SRS-2212-D | 24.95 |
| Dark Forest | Apple II 48K | SRS-2222-D | 21.95 |
| Outpost | Apple II 48K | SRS-2214-D | 21.95 |
| Orbitron | Apple II 48K | SRS-2223-D | 21.95 |
| Beer Run | Apple II 48K | SRS-2216-D | 21.95 |
| Borg | Apple II 48K | SRS-2224-D | 21.95 |
| Hadron | Apple II 48K | SRS-2219-D | 24.95 |
| Auto Bahn | Apple II 48K | SRS-2225-D | 21.95 |






Budgeco

| | | | |
|----------------|--------------|------------|-------|
| Raster Blaster | Apple II 48K | BUG-2201-D | 22.95 |
|----------------|--------------|------------|-------|



*Note: All games are on disk. Cassette versions may not be available.



Software

| | Description | | Order Number | Price |
|---|---|--------------|----------------|-------|
|  | Broder Bund | | | |
| | Galaxy Wars | Apple II 48K | BOR-2403-D | 18.95 |
| | Alien Rain | Apple II 48K | BOR-2404-D | 17.95 |
| | Alien Typhoon | Apple II 48K | BOR-2406-D | 17.95 |
| | Apple Panic | Apple II 48K | BOR-2407-D | 21.95 |
| | Twala's Last Redoubt | Apple II 48K | BOR-2414-D | 21.95 |
| | Midnight Magic | Apple II 48K | BOR-2410-D | 24.95 |
| | Space Quarks | Apple II 48K | BOR-2411-D | 21.95 |
| | Space Warrior | Apple II 48K | BOR-2415-D | 17.95 |
| | Red Alert | Apple II 48K | BOR-2412-D | 21.95 |
| | Genetic Drift | Apple II 48K | BOR-2413-D | 21.95 |
|  | Datamost | | | |
| | Snack Attack | Apple II 48K | DTM-2201-D | 22.95 |
| | County Fair | Apple II 48K | DTM-2203-D | 22.95 |
| | Thief | Apple II 48K | DTM-2202-D | 22.95 |
|  | Edu-Ware | | | |
| | Perception Package | Apple II 48K | EDW-2507-D | 17.95 |
| | Compu-Read | Apple II 48K | EDW-2508-D | 21.95 |
| | Statistics | Apple II 32K | EDW-2507-D | 21.95 |
| | Algebra I | Apple II 48K | EDW-2570-D | 28.95 |
| | Compu-Math: Arithmetic Skill | Apple II 48K | EDW-2587-D | 36.95 |
| | Compu-Math: Fractions | Apple II 32K | EDW-2588-D | 28.95 |
| | Compu-Math: Decimals | Apple II 32K | EDW-2589-D | 28.95 |
| | Compu-Spell (Req'd Data Disk) | Apple II 48K | EDW-2591-D | 21.95 |
| | Spelling Bee & Reading Primer | Apple II 48K | EDW-2592-D | 28.95 |
| | Counting Bee | Apple II 48K | EDW-2593-D | 21.95 |
| | Data Disk Level 4 | Apple II 48K | EDW-2600-D | 14.95 |
| | Data Disk Level 5 | Apple II 48K | EDW-2601-D | 14.95 |
| | Data Disk Level 6 | Apple II 48K | EDW-2602-D | 14.95 |
| | Data Disk Level 7 | Apple II 48K | EDW-2603-D | 14.95 |
| | Data Disk Level 8 | Apple II 48K | EDW-2604-D | 14.95 |
|  | Innovative Design Software, Inc. | | | |
| | Pool 1.5 | Apple II 48K | IDS-2201-D | 24.95 |
| | Shuffle Board | Apple II 48K | IDS-2202-D - B | 21.95 |
| | Trick Shot | Apple II 48K | IDS-2203-D - B | 28.95 |
|  | Infocom | | | |
| | Zork I | Apple II 48K | ICM-2201-D | 28.95 |
| | Zork II | Apple II 48K | ICM-2202-D | 28.95 |
| | Hayden | | | |
| | Sargon II on Disk | Apple II 32K | HYD-2201-D | 26.95 |
| | Gebelli Software Inc. | | | |
| | Firebird | Apple II 48K | GEB-2201-D | 21.95 |
| | Muse Software | | | |
| | Robot Wars | Apple II 48K | MUS-2204-D | 28.95 |
| | Three Mile Island | Apple II 48K | MUS-2205-D | 28.95 |
| | A.B.M. | Apple II 32K | MUS-2207-D | 17.95 |
| | Global War | Apple II 48K | MUS-2208-D | 17.95 |
| | Castle Wolfenstein | Apple II 48K | MUS-2209-D | 21.95 |

| Description | | Order Number | Price |
|----------------------------------|--------------|--------------|-------|
| On-Line Systems | | | |
| Wizard & Princess | Apple II 48K | OLS-2201-D | 23.95 |
| H/R Football | Apple II 48K | OLS-2204-D | 28.95 |
| H/R Cribbage | Apple II 48K | OLS-2205-D | 17.95 |
| Missile Defense | Apple II 48K | OLS-2206-D | 21.95 |
| Cranston Manor | Apple II 48K | OLS-2208-D | 24.95 |
| Sabotage | Apple II 48K | OLS-2210-D | 17.95 |
| Soft Porn | Apple II 48K | OLS-2212-D | 21.95 |
| Threshold | Apple II 48K | OLS-2213-D | 28.95 |
| Pegasus II | Apple II 48K | OLS-2214-D | 21.95 |
| Ulysses & Golden Fleece | Apple II 48K | OLS-2215-D | 24.95 |
| Time Zone | Apple II 48K | OLS-2216-D | 71.95 |
| Crossfire | Apple II 48K | OLS-2217-D | 21.95 |
| Personal Software Inc. | | | |
| Checker King | Apple II 32K | PRS-2202-D | 20.95 |
| Gammon Gambler | Apple II 32K | PRS-2203-D | 20.95 |
| Picadilly Software | | | |
| Falcons | Apple II 48K | PIC-2201-D | 21.95 |
| Riverbank Software | | | |
| Grand Prix | Apple II 48K | RIV-2201-D | 21.95 |
| TRS-80 MODEL I, III GAMES | | | |
| Acorn Software | | | |
| Invaders From Space | | TRS-AC-010 | 19.95 |
| Duel-N-Droids | | TRS-AC-020 | 19.95 |
| Pinball | | TRS-AC-030 | 19.95 |
| Pigskin | | TRS-AC-040 | 19.95 |
| Quad | | TRS-AC-050 | 19.95 |
| Gammon Challenger | | TRS-AC-060 | 19.95 |
| Adventure International | | | |
| Adventure No. 1, 2 and 3 | | TRS-AI-100 | 31.95 |
| Adventure No. 4, 5, and 6 | | TRS-AI-101 | 31.95 |
| Adventure No. 7, 8, and 9 | | TRS-AI-102 | 31.95 |
| Adventure No. 10, 11, and 12 | | TRS-AI-103 | 31.95 |
| Stone of Sisyphus | | TRS-AI-110 | 23.95 |
| Morton's Fork | | TRS-AI-120 | 23.95 |
| Star Trek 3.5 | | TRS-AI-130 | 15.95 |
| Project Omega | | TRS-AI-140 | 19.95 |
| Missile Attack | | TRS-AI-150 | 16.95 |
| The Mean Checker Machine | | TRS-AI-160 | 19.95 |
| Z-Chess III | | TRS-AI-170 | 19.95 |
| Space Intruders | | TRS-AI-180 | 15.95 |
| Armored Patrol | | TRS-AI-190 | 15.95 |

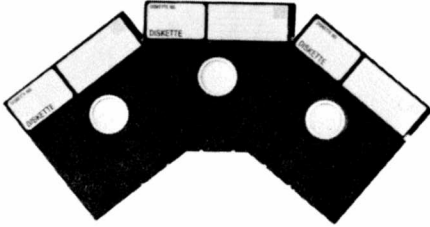
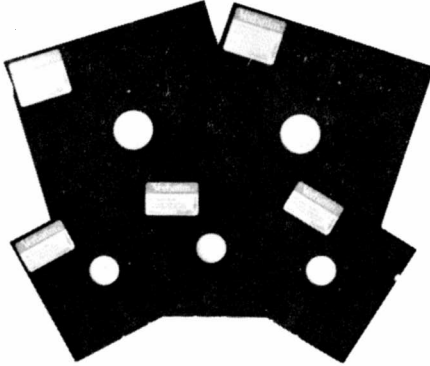


Software

| | Description | Order Number | Price |
|--|---------------------------------|--------------|-------|
|  | Automated Simulations | | |
| | Temple of Apshai | TRS-AS-210 | 31.95 |
| | Hellfire Warrior | TRS-AS-220 | 31.95 |
| | Star Warrior | TRS-AS-230 | 31.95 |
| | Rescue at Rigal | TRS-AS-240 | 25.95 |
| | Crush, Crumble and Chomp | TRS-AS-250 | 23.95 |
| | Invasion Orion | TRS-AS-260 | 19.95 |
| | Tuesday Morning Quarterback | TRS-AS-270 | 23.95 |
| | Avalon Hill Game Company | | |
| | Empire of the Overmind | TRS-AH-001 | 27.95 |
|  | Big Five Software | | |
| | Super Nova | TRS-BF-310 | 15.95 |
| | Galaxy Invasion | TRS-BF-320 | 15.95 |
| | Attack Force | TRS-BF-330 | 15.95 |
| | Robot Attack | TRS-BF-340 | 15.95 |
| | Defense Command | TRS-BF-350 | 15.95 |
| | The Cornsoft Group | | |
| | Scarfman | TRS-CG-710 | 15.95 |
| | Hayden Software | | |
| | Sargon II | TRS-HS-410 | 27.95 |
| | Microsoft | | |
| | Olympic Decathlon | TRS-MS-510 | 23.95 |
| | Sublogic | | |
| | Flight Simulator Model III | TRS-SL-610 | 28.95 |

Supplies

Supplies

| | Description | Order Number | Price |
|--|--|-------------------|---------------------|
|  | Alpha Byte Computer Products stocks a complete line of supplies for your data processing needs. We offer great savings and convenience — all it takes is one phone call for us to speed supplies to you. And check our prices; you'll find them to be 10 to 30% lower than your local sources. We stock diskettes, ribbons, and other computer supplies for most popular computers and, of course, all our products are premium quality. | | |
| | DISKETTES | | |
|  | Special! Alpha Disks | GBS-SD-010 | 21.95 10/box |
| | Especially manufactured for us, these low-price, high-quality diskettes are for use on the TRS-80 Model I, III and Apple II computers, as well as other computers using the single side 40 track soft sector format. Alpha Disks are single sided, certified 40 tracks double density, and have a hub ring. Guaranteed for one year. | | |
| | Verbatim Datalife Diskettes | | |
| | Tested to exceed industry standards, Verbatim Diskettes are certified 100% error-free. | | |
| | MINIDISKS 5 1/4-INCH | | |
| | All verbatim Datalife minidisks are rated double density and feature a hub ring. | | |
| | Selection guide: | | |
| | -01 — soft sector | | |
| | -10 — 10 hard sector | | |
| | -16 — 16 hard sector | | |
| | SS — single sided | | |
| | DS — double-sided | | |
| | /40 — 35/40 track | | |
| | /80 — 77/80 track | | |
| | 525-01 SS/40 | VBT-SD-010 | 26.50 |
| | 525-10 SS/40 | VBT-SD-020 | 26.50 |
| | 525-16 SS/40 | VBT-SD-030 | 26.50 |
| | 550-01 DS/40 | VBT-SD-040 | 44.50 |
| | 550-10 DS/40 | VBT-SD-050 | 44.50 |
| | 550-16 DS/40 | VBT-SD-060 | 44.50 |
| | 577-01 SS/80 | VBT-SD-070 | 34.80 |
| | 577-10 SS/80 | VBT-SD-080 | 34.80 |
| | 577-16 SS/80 | VBT-SD-090 | 34.80 |
| | 557-01 DS/80 | VBT-SD-100 | 49.60 |
| | 557-10 DS/80 | VBT-SD-110 | 49.60 |
| | 557-16 DS/80 | VBT-SD-120 | 49.60 |
| | 8 INCH DISKETTES | | |
| | Selection guide: | | |
| | SS/SD — single-sided, single-density | | |
| | SS/DD — single-sided, single-density | | |
| | DS/DD — double-sided, double-density | | |
| | FD34-9000 Soft Sector SS/SS | VBT-SD-130 | 36.00 |
| | FD34-8000 Soft Sector SS/DS | VBT-SD-150 | 45.60 |
| | DD34-4001 Soft Sector DS/DD | VBT-SD-170 | 48.60 |
| | FD32-9000 Hard Sector (26) SS/SS | VBT-SD-140 | 36.00 |
| | FD32-8000 Hard Sector (26) SS/DD | VBT-SD-160 | 45.60 |
| | Dysan Diskettes | | |
| | Dysan are premium quality diskettes. | | |
| | Dysan 104 5 1/4" SS/DD Soft Sector | DYS-SD-010 | 45.00 |
| | Dysan 105 5 1/4" SS/DD 16 Sector | DYS-SD-020 | 45.00 |
| | Dysan 107 5 1/4" SS/DD 10 Sector | DYS-SD-030 | 45.00 |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Data Cassettes For Personal Computers

High quality Microsette Data cassettes 50 feet C-10

| | | 1-9 | 10-24 | 25 + |
|------------------|------------|------|-------|------|
| Microsettes C-10 | MIC-SD-010 | 0.99 | 0.89 | 0.79 |
| Microsettes C-20 | MIC-SD-020 | 1.29 | 1.19 | 0.99 |
| Microsettes C-60 | MIC-SD-030 | 1.49 | 1.39 | 1.29 |

Diskette Storage Systems

PROTECTOR

This attractive desktop storage system is made of smoked acrylic plastic and has a hinged cover. It's a perfect system to keep your diskettes handy, organized, and protected from dust. It has a fifty diskette capacity and includes five organization dividers with tabs.

| | | |
|------------------|------------|-------|
| 5 1/4" Protector | VBT-SU-010 | 22.95 |
| 8" Protector | VBT-SU-020 | 24.95 |

KASSETTE PLASTIC LIBRARY CASES

These are the standard diskette storage cases. Each has a 10 diskette capacity — perfect for cost-effective archival storage or for transporting your diskettes.

| | | |
|-------------|------------|--------------------------|
| 5 1/4" Case | SRW-SU-010 | ea. 2.50 10 for 21.50 |
| 8" Case | SRW-SU-010 | ea. 3.50 10 for 31.50 |

PLASTIC "FLOPPY" DISK STORAGE BINDERS

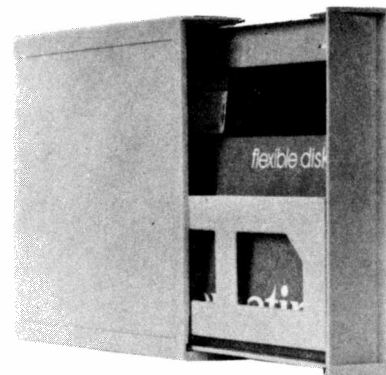
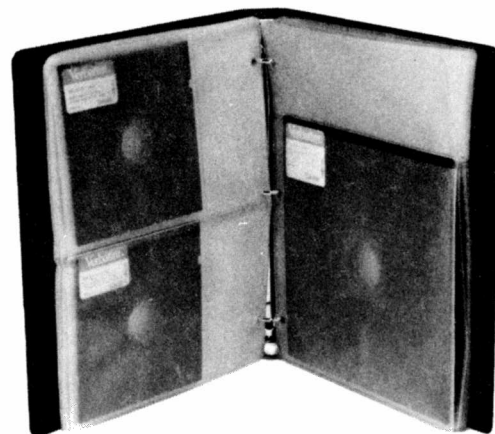
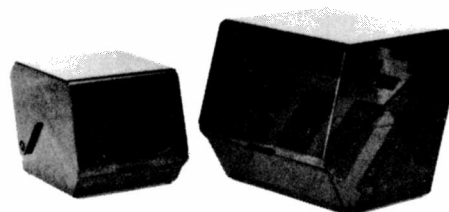
These flexible plastic 3-ring binder inserts are a very popular, cost-effective method of diskette storage. Minidisk inserts hold two diskettes each and the inserts for 8" diskettes will hold one diskette each. Reference cards are included with each set of ten inserts; each binder will hold 20 inserts.

| | | |
|--------------------------------|------------|------|
| Binder with ten 5 1/4" inserts | SIL-SU-010 | 9.95 |
| Ten 5 1/4" inserts only | SIL-SU-020 | 7.95 |
| Binder with ten 8" inserts | SIL-SU-030 | 9.95 |
| Ten 8" inserts only | SIL-SU-040 | 7.95 |

DISK BANK

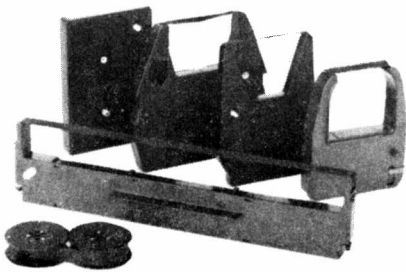
This is a new innovation in disk storage. Each Bank stores 10 diskettes; the individual Banks join together at the sides and/or top-to-bottom to form interlocked walls of Banks. To access the diskettes, you pull out the drawer and they swing out. The ultimate disk storage system, it can grow along with your disk library. Each Bank includes a label for the front.

| | | |
|------------------|------------|--------------------------|
| 5 1/4" Disk Bank | DSK-SU-010 | ea. 6.95 10 for 59.00 |
| 8" Disk Bank | DSK-SU-020 | ea. 7.95 10 for 69.00 |



Supplies

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|



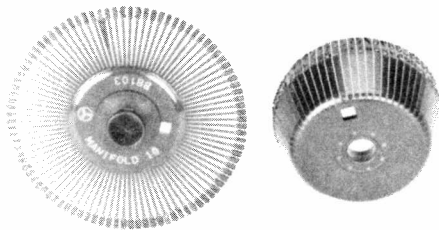
Ribbons
Alpha Byte Computer Products features high-quality ribbons for most popular printers.

Dot Matrix Printer Ribbons

| | | |
|-----------------------------|------------|-------|
| Epson MX-70/MX-80/MX-80 F/T | ASP-SR-010 | 13.00 |
| Epson MX-100 | ESP-SR-010 | 24.50 |
| Okidata 80/82/83/84 | DPR-SR-040 | 2.95 |
| IDS Paper Tiger 460/560 | IDS-SR-010 | 18.00 |
| NEC 8023 | NEC-SR-100 | 24.00 |
| C. Itoh Pro/Writer | CIT-SR-090 | 24.00 |
| TI-810/820 | DPR-SR-030 | 3.95 |
| Anadex 9000/9001/9500/9501 | ANA-SR-060 | 24.00 |
| Anadex DP-8000 | DPR-SR-050 | 2.95 |
| Centronics 730/737/739 ZIP | DPR-SR-130 | 3.95 |

Letter Quality Printer Ribbons

| | | 1 | 2-5 | 12+ |
|-------------------------|------------|------|------|------|
| Diablo HY-Type I Cloth | DPR-SR-090 | 4.95 | 4.65 | 4.25 |
| Diablo Hy-Type I Film | DPR-SR-100 | 4.95 | 4.65 | 4.25 |
| Diablo Hy-Type II Cloth | DPR-SR-110 | 5.25 | 4.95 | 4.55 |
| Diablo Hy-Type II Film | DPR-SR-120 | 5.25 | 4.95 | 4.55 |
| NEC Spinwriter Cloth | DPR-SR-070 | 5.95 | 5.65 | 5.25 |
| NEC Spinwriter Film | DPR-SR-080 | 5.95 | 5.65 | 5.25 |
| Qume Sprint Cloth | DPR-SR-020 | 3.95 | 3.65 | 3.25 |
| Qume Sprint Film | DPR-SR-010 | 3.95 | 3.65 | 3.25 |
| C.Itoh Starwriter Cloth | DPR-SR-140 | 5.25 | 4.95 | 4.55 |
| C.Itoh Starwriter Film | DPR-SR-150 | 5.25 | 4.95 | 4.55 |



Print Wheels and Print Thimbles

| | 1 - 5 | 6+ |
|------------------------------------|-----------|-----------|
| Diablo or Qume Plastic Printwheels | 6.50 ea. | 5.95 ea. |
| NEC Spinwriter Thimbles | 13.95 ea. | 12.49 ea. |

Choose from styles available in the following charts:

DIABLO PRINTWHEELS

Courier 10 DPW-SU-030

ABCDEFGHabcde012345!@#\$%&*()_-=+&#t[]:; ' ? /
<> . ,

Manifold 10 DPW-SU-040

ABCDEFGHABCDE012345!@#\$%&*()_-=+{ } [] : ; ' ? /
<> . ,

OCR-A 10 DPW-SU-050

ABCDEFGHabcde012345|Yz%|&*{ } _-=+^XU&A:; ' ? /
JH . ,

OCR-B DPW-SU-060

ABCDEFGHabcde012345!@#\$%^&*()_-=+{ } [] : ; ' ? /
<> . ,

| Description | Order Number | Price |
|--|--------------|-------|
| Pica 10 | DPW-SU-070 | |
| Sample of printwheel unavailable. | | |
| Pica Legal 10 | DPW-SU-080 | |
| ABCDEFGabcde012345!@#%&*()_-=+'?/ 11 42., | | |
| Prestige Elite Legal 12A | DPE-SU-090 | |
| ABCDEFGabcde012345!@#%&*()_-=+'?/ \$t., | | |
| Courier 72 | DPW-SU-100 | |
| ABCDEFGabcde012345!@#%&*()_-=+{ }[]:; ' ?/ < > . , | | |
| APL-10 | DPW-SU-110 | |
| a l n l e _ V A B C D E 0 1 2 3 4 5 " " - < = > # v ^ - + : x { } + - > ([] \ / ; : . , | | |
| Dual Gothic Legal 12 | DPW-SU-120 | |
| ABCDEFGabcde012345!@#%&*()_-=+'?/ \$t., | | |
| Elite 12 | DPW-SU-130 | |
| ABCDEFGabcde012345!@#%&*()_-=+{ }[]:; ' ?/ < > . , | | |

Supplies

| Description | Order Number | Price |
|--|--------------|-------|
| Emphasis 10 | DPW-SU-140 | |
| ABCDEFGABCDE012345!@#\$%&*()_-=+½¼[]:;'?/ <>.,, | | |
| General Scientific 10 | DPW-SU-150 | |
| ∇∞ΨΦ+<Λαβψφϵ ⁰¹²³⁴⁵ π {}±, ' () / __ , L ° ° √ + ^ ° ÷ ∫ √ Π†~^ | | |
| German Pica 10 | DPW-SU-160 | |
| ABCDEFGabcde012345!@\$\$%^&*()_-=+üäÛÄ:;`?/ <>.,, | | |
| QUME PRINTWHEELS | | |
| Ansi OCR-A 10 | DPW-SU-170 | |
| ABCDEFGabcde012345 Yz% &{*}_-=XÜÆA:;`?/ JH.,, | | |
| Ansi OCR-B 10 | DPW-SU-180 | |
| ABCDEFGabcde012345!@#\$%^&*()_-=+{}[]:;`?/ <>.,, | | |
| ASCII 96 Prestige Elite 12 | DPW-SU-190 | |
| ABCDEFGabcde012345!@#\$%^&*()_-=+{}[]:;`?/ <>.,, | | |
| Legal 2 Courier 10 | DPW-SU-200 | |
| ABCDEFGabcde012345!@#\$%&*()_-=+¼¶[]:;`?/ \$†.,, | | |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Legal 2 Dual Gothic 12

DPW-SU-210

ABCDEFGHabcde012345!@#%&*()_-=+&[]:;°?/
\$†.,

Legal 2 Prestige Elite 12

DPW-SU-220

ABCDEFGHabcde012345!@#%&*()_-=+&[]:;°?/
\$†.,

WP Courier 10

DPW-SU-230

ABCDEFGHabcde012345!@#%&*()_-=+&[]:;'?/
<>.,

WP Courier 12

DPW-SU-240

ABCDEFGHabcde012345!@#%&*()_-=+{}[]:;'?/
<>.,

WP Dual Gothic 12

DPW-SU-250

ABCDEFGHabcde012345!@#%&*()_-=+&[]:;'?/
<>.,

WP Gothic 15

DPW-SU-260

ABCDEFGHabcde012345!@#%&*()_-=+&[]:;'?/
<>.,

WP Large Elite 12

SPW-SU-270

Sample of printwheel unavailable.

Supplies

| Description | Order Number | Price |
|--|--------------|-------|
| WP Letter Gothic 12 | DPW-SU-280 | |
| ABCDEFGabcde012345!@#\$\$%&*()_-= \$+[]:;'?/ <>., | | |
| WP Orator 100% | DPW-SU-290 | |
| ABCDEFGABCDE012345!a#\$\$%&*()_-= \$+[]:;'?/ <>., | | |
| WP Pica 10 | DPW-SU-300 | |
| ABCDEFGabcde012345!@#\$\$%&*()_-= \$+[]:;'?/ <>., | | |
| Courier Legal 19 | DPW-SU-310 | |
| Sample of printwheel unavailable. | | |
| WP Prestige Elite 12 | DPW-SU-320 | |
| ABCDEFGabcde012345!@#\$\$%&*()_-= \$+[]:;'?/ <>., | | |
| WP Prestige Pica 10 | DPW-SU-330 | |
| ABCDEFGabcde012345!@#\$\$%&*()_-= \$+[]:;'?/ <>., | | |
| WP Elite 12 | DPW-SU-340 | |
| ABCDEFGabcde012345!@#\$\$%&*()_-= \$+[]:;'?/ <>., | | |

| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

NEC THIMBLES

Courier 10

NEC-SU-010

ABCDEFGFGabcde012345 £!"#\$%&'()*+,-./:;<=>?
@[\]^_`{|}~¬

OCR-B

NEC-SU-020

Sample of print thimble unavailable.

Tech Math/Times Roman

NEC-SU-030

Sample of print thimble unavailable.

Pica 10

NEC-SU-040

ABCDEFGFGabcde012345 ¢!"#\$%&'()*+,-./:;<=>?
@[\]^_`{|}~¬

Courier Legal 10A

NEC-SU-050

ABCDEFGFGabcde012345 ¢!"#\$%&'()*+,-./:;<=>?
@[\]^_`{|}~¬

Courier 72

NEC-SU-060

ABCDEFGFGabcde012345 ¢!"#\$%&'()*+,-./:;<=>?
@[\]^_`{|}~¬

Courier-72 Manifold

NEC-SU-070

ABCDEFabcde!"#\$%&'()*+,-./0123456789:;<=>
?@[\]^_`{|}~

Supplies

| Description | Order Number | Price |
|---|--------------|-------|
| Elite 12 ABCDEFGHIJKLabcdefghi01234567 ¢!"#\$%&'()*+,-./:;<=>?@[\]^_`{ }~¬ | NEC-SU-080 | |
| Pica 12 Sample of print thimble unavailable. | NEC-SU-090 | |
| Prestige Elite Legal 12A ABCDEFGHIJKabcdefghi012345678 ¢!"#\$%&'()*+,-./:;<=½?@[°]°°\$¶†™= | NEC-SU-100 | |
| Prestige Elite/PRS Renowm ABCDEFGHIJKabcdefghi!"#\$%&'()*+,-./0123456789:;<=>?@[\]^_`{ }~ | NEC-SU-110 | |
| OCR-A Sample of print thimble unavailable. | NEC-SU-120 | |



Diskette Head Cleaner

Clean read/write heads yourself...in 30 seconds or less!

It doesn't take much time to foul up a data or word processing operation. Just a few microscopic particles of dirt, dust, or oxide on the read/write heads can cause trouble. To insure reliable operation of your disk drives, clean them on a regular basis.

| | | |
|---------------------|-------------|-------|
| 5 1/4" Head Cleaner | VB-T-SU-040 | 24.95 |
| 8" Head Cleaner | VB-T-SU-030 | 24.95 |

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Avery Labels

Avery makes labels for all your data processing needs

TRACTOR FEED MAILING ADDRESS LABELS (3½" × 15/16")

| | | |
|---------------------------|------------|-------|
| Avery Tabulabels 1000/box | AVY-SU-010 | 8.49 |
| Avery Tabulabels 3000/box | AVY-SU-020 | 14.95 |
| Avery Tabulabels 5000/box | AVY-SU-030 | 19.95 |

AVERY LABELS FOR CASSETTES AND FLOPPY DISKETTES

| | | |
|----------------------------------|------------|------|
| Standard Cassette Labels 110/box | AVY-SU-040 | 2.95 |
| 5¼" Diskette Labels 100/box | AVY-SU-060 | 2.95 |
| 8" Diskette Labels 80/box | AVY-SU-050 | 2.95 |

Computer Covers

Keep your equipment protected from dust, dirt and spills when not in use. These covers are made of attractive, tan-colored, cloth-backed vinyl. Each is custom fitted for your specific piece of equipment.

TRS-80 MODEL I

| | | |
|--------------|------------|-------|
| Keyboard | CCU-SU-010 | 6.95 |
| Video Mon | CCV-SU-040 | 8.95 |
| Video Mon/EI | CCV-SU-030 | 11.95 |
| Disk Drive | CCV-SU-050 | 4.95 |
| Dual Drive | CCV-SU-230 | 7.95 |

TRS-80 MODEL III

| | | |
|----------|------------|-------|
| Computer | CCV-SU-060 | 14.95 |
|----------|------------|-------|

TRS-80 MODEL II

| | | |
|---------------|------------|-------|
| Computer | CCU-SU-070 | 22.95 |
| Keyboard only | CCU-SV-080 | 7.95 |

TRS-80 COLOR

| | | |
|------------------|------------|-------|
| Computer | CCV-SU-240 | 9.95 |
| Line Printer III | CCV-SU-250 | 15.95 |
| Line Printer IV | CCV-SU-260 | 9.95 |

TELEVIDEO

| | | |
|-----------------|------------|-------|
| 910 / 912 / 920 | CCV-SU-270 | 12.95 |
|-----------------|------------|-------|

ATARI

| | | |
|-----|------------|-------|
| 800 | CCV-SU-280 | 10.95 |
| 400 | CCV-SU-290 | 9.95 |
| 810 | CCV-SU-300 | 5.95 |
| 825 | CCV-SU-310 | 9.95 |

NEC

| | | |
|----------------|------------|-------|
| Spinwriter RO | CCV-SU-190 | 15.95 |
| Spinwriter KSR | CCV-SU-320 | 15.95 |

APPLE II

| | | |
|-------------|------------|-------|
| Keyboard | CCV-SU-330 | 6.95 |
| Full Cover | CCV-SU-090 | 11.95 |
| Disk II | CCV-SU-110 | 4.95 |
| Stacked (2) | CCV-SU-220 | 7.95 |



Supplies

| Description | Order Number | Price |
|-------------------------|--------------|-------|
| EPSON | | |
| MX-80 | CCV-SU-120 | 9.95 |
| MX-80 F/T | CCV-SU-340 | 9.95 |
| MX-100 | CCV-SU-350 | 13.95 |
| OKIDATA | | |
| Micro 80 | CCV-SU-150 | 9.95 |
| Micro 82A | CCV-SU-150 | 10.95 |
| Micro 83A | CCV-SU-170 | 13.95 |
| C.ITOH | | |
| Starwriter | CCV-SU-130 | 15.95 |
| Centronics 730/737/739 | CCV-SU-140 | 16.95 |
| NEC JB1201 | CCV-SU-180 | 9.95 |
| DIABLO | | |
| 630 | CCV-SU-360 | 15.95 |
| 1600 RO | CCV-SU-370 | 15.95 |
| 1600 KSR | CCV-SU-380 | 15.95 |
| QUME | | |
| Sprint 5RO | CCV-SU-390 | 15.95 |
| Sprint 5KSR | CCV-SU-400 | 15.95 |
| IDS Paper Tiger 445/460 | CCV-SU-410 | 12.95 |

Computer Paper

This 18 lb. high-quality tractor-feed paper comes 3000 sheets per box. Paper prices do not include shipping. FOB shipping point.

| | | |
|---------------------------|------------|-------|
| 9½" x 11" Plain White | PAP-SU-010 | 29.00 |
| 9½" x 11" Barred | PAP-SU-040 | 29.00 |
| 14 7/8" x 11" Plain White | PAP-SU-020 | 39.00 |
| 14 7/8" x 11" Barred | PAP-SU-030 | 39.00 |

Isolators

Isolators prevent voltage surges and spikes from reaching your electronic equipment. (A sudden voltage spike can cause your system to crash, resulting in data loss.)

| | | |
|-------------------------|------------|-------|
| ISO-1 3 Socket Isolator | ESP-SU-010 | 54.95 |
| ISO-2 6 Socket Isolator | ESP-SU-020 | 54.95 |

Desk Top Printer and Calculator Stands

EPSON PRINTER STANDS

These ingenious stands sit on your desk or table top to elevate the printer, making room for a stack of continuous form paper to be placed beneath the printer. The stands also allow better ventilation to the printer by exposing the bottom cooling vents.

| | | |
|-------------------------|------------|-------|
| MX-80 / MX-80 F/T Stand | STD-SU-010 | 19.95 |
| MX-100 Stand | STD-SU-020 | 29.95 |

CALCULATOR STANDS

These stands keep your calculator properly angled for easy viewing. Rubber feet on the stand prevent the calculator from 'wandering'.

| | | |
|------------------|------------|-------|
| Small Calculator | STD-SU-030 | 6.95 |
| Large Calculator | STD-SU-040 | 10.95 |

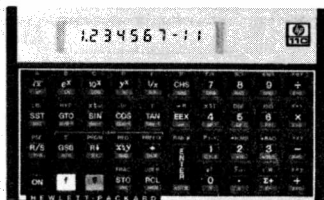
Calculators

Calculators

Description

Order Number

Price



HEWLETT PACKARD

HP-11C Slim-Line Scientific

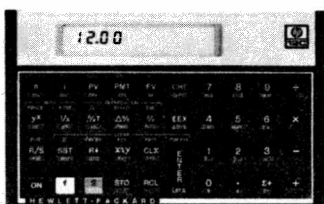
HWP-CA-010

115.95

The HP-11C is an advanced programmable scientific calculator with an extensive set of built-in functions including hyperbolics, conversions between radians and degrees, and rectangular and polar coordinates. It solves for logarithms, exponentials, factorials, gammas, permutations, combinations, and percent changes. Statistics such as linear regression analysis are automatic. Advanced programming features include: 203 program lines, automatic memory allocation, five single-character labels and ten numeric-program labels, singlestep and backstep, and insert/delete editing.

Features:

Unconditional branching, 4 subroutine levels
8 conditional tests, 2 flags, continuous memory
21 storage registers, 5 reassignable keys
Error codes, diagnostic self-check, LCD display



HP-12C Slim-Line Programmable Financial

HWP-CA-020

128.95

The HP-12C programmable financial calculator can help you solve interest and amortization problems, discount cash flows, find bond yields, and determine depreciation schedules. You can write your own special programs or use those in the Owners Handbook. Programming features include: 99 program lines, automatic memory allocation, program review, unconditional branching, two conditional tests, pause.

Features:

i, n, PV, PMT, FV, bond yield-to-maturity and price
Amortization (interest, balance, straight-line)
Odd-days & simple interest, percents, calender functions
Mean/standard deviation (1 or 2 variable)
Linear regression, correlation coefficient
Error codes, diagnostic self-check, LCD display



More HP Calculators

HP-37E Business

HWP-CA-030

64.95

HP-32E Scientific w/statistics

HWP-CA-040

46.95

HP-33C Programmable Scientific

HWP-CA-050

76.95

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

HP-41C & HP-41CV Programmable w/Alphanumeric Display

These are the most powerful of the HP handheld programmable calculators. The HP-41C has 441 program bytes or 63 data registers (expandable to 2,233 program bytes or 319 registers); the HP-41CV has the full 2,233 byte memory capacity built-in.

Features:

- Alphanumeric display, reassignable keyboard
- 6 subroutine levels, 10 conditional tests
- 56 internal flags, controlled looping
- Indirect addressing, local & global branching
- Program and function names & labels
- Prompts for data with words or sentences
- Labels variables and constants
- Error messages displayed in alphanumerics

| | | |
|--|------------|--------|
| HP-41C Alpha/Programmable (411 bytes) | HWP-CA-060 | 211.95 |
| HP-41CV Alpha/Programmable (2,233 bytes) | HWP-CA-070 | 274.95 |



HP-41 Peripherals

| | | |
|---|------------|--------|
| HP 82106A Memory Module (HP-41C) | HWP-CA-080 | 27.95 |
| HP 82170A Quad Memory Module (HP-41C) | HWP-CA-090 | 89.00 |
| HP 82181A Extended Memory (1,666 bytes) | HWP-CA-100 | 69.00 |
| HP 82180A Extended Memory/Function | HWP-CA-110 | 69.00 |
| HP 82143A Printer/Plotter | HWP-CA-120 | 324.95 |
| HP 82160A IL Interface Module | HWP-CA-130 | 119.00 |
| HP 82161A Digital Cassette Drive | HWP-CA-140 | 419.95 |
| HP Statistics Pac | HWP-CA-150 | 29.00 |
| HP Math Pac | HWP-CA-160 | 29.00 |
| HP Real Estate Pac | HWP-CA-170 | 39.00 |
| HP Surveying Pac | HWP-CA-180 | 29.00 |
| HP Structural Analysis Pac | HWP-CA-190 | 39.00 |



Monitors & Terminals

Monitors & Terminals

| | Description | Order Number | Price |
|---|--|-------------------|---------------|
| COMPUTER VIDEO DISPLAY MONITORS | | | |
|  | Zenith ZVM-121 12" Hi-Res Green | ZEN-MN-010 | 124.00 |
| | The Zenith green monitor offers high performance at a low price. It has a full 15 MHz bandwidth and will display 80 columns x 24 lines of sharp, clear characters. Features: 12" diagonal, green phosphor (P31) Character type 8 x 10 matrix Switch selectable 40- or 80-column display Controls: contrast, black level, horizontal & vertical adjustment Composite video input | | |
|  | NEC JB-1201M 12" Hi-Res Green | NEC-MN-010 | 199.00 |
| | This monitor is designed for display of text or graphics and is plug-in compatible with Apple II computers. It offers jitter- and ghost-free images on a flat non-glare green phosphor screen, and has a built-in speaker and volume control. Features: 12" diagonal screen P (31) green phosphor Composite video input, 1.0 volt p-p Scanning frequency, 17.75 kHz Attractive styling Front panel volume, contrast, and brightness control | | |
|  | NEC JC-1202DH 12" Hi-Res RGB Color | NEC-MN-030 | 955.00 |
| | The NEC RGB Color Monitor is designed for the highest possible resolution color output. Sharper, clearer pictures result from separate RGB and VH synch video input signals. The JC-1202DH features a display capacity of 2000 characters (80 x 24). Features: Resolution: 690 dots horizontal, 230 lines vertical 8 x 8 dot matrix, 80 characters x 25 lines Display area: 215 mm wide x 160 mm high Display colors: red, green, blue, yellow, cyan, magenta, black, white Input connector: 8-pin connector | | |
|  | Sanyo VM4509 9" Black & White | SAN-MN-040 | 179.00 |
| | Ideally suited for use with personal computers or where space is a problem, this affordably-priced high quality monitor offers crisp white on black character display in a rugged metal cabinet. The compact size and up-front brightness and contrast controls permit efficient space utilization. This monitor fits very well on top of the Apple II with two disk drives. Features: 9" diagonal (44 sq") screen EIA standard 525 lines, 60 fields/sec Resolution: 700 lines minimum at center Signal input: 1.0 volt p-p composite video 75 ohms Input connector: UHF type SO-239 | | |
|  | Sanyo DM5012 CX 12" Black & White | SAN-MN-010 | 245.00 |
| | Designed for use on advanced personal or business microcomputer systems, this high performance monitor features sharp 80 x 24 display using a 5 x 7 matrix and a non-glare screen. Adjustable brightness and contrast controls are located up front for easy access. Features: 12" diagonal (75 sq") display area 525 line, 60 fields/sec, computer compatible scanning Resolution: 800 lines minimum at center Signal input: 1.0 volt p-p composite at 75 ohms Input connector: standard RCA type phono jack | | |

Monitors & Terminals

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

Sanyo DM5112CX 12" Green

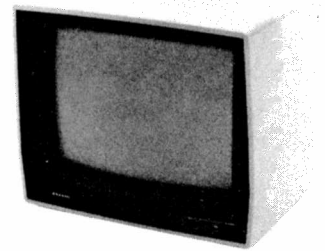
SAN-MN-020

269.00

Designed for professional use, this full-feature monitor has an easy-on-the-eye anti-glare green phosphor screen. (Studies indicate that green-on-black displays result in less eyestrain during prolonged viewing.) The monitor has a sturdy metal cabinet, front panel brightness and contrast controls, and standard composite video input. With 5 x 7 matrix the monitor allows a sharp 80 x 24 character display.

Features:

12" diagonal (75 sq") display
525 lines, 60 fields/sec, computer compatible scanning
Resolution: 800 lines, 1 minimum at center
Signal input: 1.0 volt p-p composite video at 75 ohms
Input connector: RCA type phono jack



Sanyo DMC 6013 13" Color

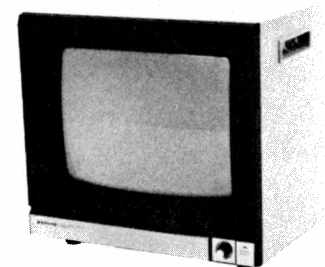
SAN-MN-030

469.00

This high performance moderately priced color monitor is perfect for output display on any color capable computer system. This monitor features an in-line gun and slotted black matrix CRT for vivid full color display of alphanumeric or graphic data. With a 5 x 7 matrix the monitor is capable of 16 lines of 64 characters per line. For easy access, all controls are located up front.

Features:

13" diagonal (90 sq") viewing area
EIA/NTSC standard 525 lines, 60 fields/sec
Resolution: 350 lines monochrome
Signal input: 1.0 volt p-p composite video at 75 ohms
Input connector: RCA type phono jack



AMDEK COLOR DISPLAY MONITORS

Amdek 13" Color

AMD-MN-010

369.00

This low cost Amdek color monitor is perfect for personal computer use. Clear vibrant colors enhance color graphics for business uses such as plotting graphs and charts or for entertainment uses such as computer games or simulations. The display provides 40 characters wide x 24 characters deep with 260 horizontal lines and 300 vertical lines. This compact lightweight (25 lbs.) monitor has up-front controls for color, brightness, tint, contrast and v-hold; it also features a built-in speaker with volume control.

Features:

13" diagonal (90 sq") display area
Video input 1.0 volt p-p composite at 75 ohms
Audio input 0.5 volt rms at 1.8K ohms
Audio output 2W
Resolution: 260 lines horizontal, 300 lines vertical

Amdek Color II High Resolution Color

AMD-MN-020

895.00

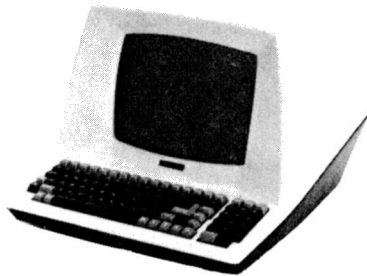
The Amdek Color II is an RGB input-type monitor. Designed for uses where very high resolution color output is required, this monitor can be used on the Apple III or IBM personal computers and is capable of sharp high resolution color alphanumeric displays of 80 columns.

Features:

13" display area (240 mm wide by 180 mm high)
Scanning frequency: 15.75 KHz horizontal 60 Hz vertical
Input: video R,G,B channels, TTL level
Retrace time: 11.0 microseconds horizontal, 0.9 milliseconds vertical
Resolution: 560 dots vertical, 240 lines horizontal
Display: 80 x 25 with 5 x 7 matrix
Display colors: red, green, blue, yellow, cyan, magenta, and white

Monitors & Terminals

| Description | Order Number | Price |
|---|--------------|-------|
| <p>Electrohome High Resolution Monitor EMH-MN-010 895.00</p> <p>Electrohome's new ECM 1302 Color Video Monitor is designed and built to international performance standards. It is a high reliability color video display unit designed to meet user needs in the personal computer market. Neatly styled, the new Electronic color monitor has an attractive moulded cabinet. It is an RGB Analog Monitor that will operate on NTSC with an optional interface module.</p> <p>Features:</p> <p>13" display area</p> <p>Scanning frequency: 15.75 KHz horizontal 60 Hz vertical</p> <p>Input: video R,G,B, channels, TTL level</p> <p>Bandwidth: 10 MHz</p> <p>Display: 80 x 25</p> <p>Display colors: red, green, blue, yellow, cyan, magenta, and white</p> | | |
| TELEVIDEO COMPUTER DISPLAY TERMINALS | | |
| <p>TeleVideo, the leader in terminal technology, has a terminal to fit your price/performance requirements. All TeleVideo terminals boast state-of-the-art microprocessor control.</p> | | |
| <p>TeleVideo 910 TEL-MN-010 639.00</p> <p>The 910 is the lowest priced terminal from TeleVideo, but don't let that mislead you. It has the features to suit most users' needs.</p> <p>Features:</p> <p>80 x 24 format, upper and lower case with descenders</p> <p>8 x 10 Matrix, 96 character ASCII, German, Spanish, French</p> <p>Green P31 non-glare screen, numeric keypad, 10 special function keys</p> <p>Selectric-style keyboard, line plus page erase</p> <p>Reverse video, half intensity, blink, blank, underline</p> <p>Full duplex, half duplex, 50 to 19,200 baud</p> <p>Emulates: ADM-3A/5, Hazeltine 1410, ADDS 25</p> <p>Printer port</p> | | |
| <p>TeleVideo 912C/920C</p> <p>The TeleVideo 912C and the 920C are the workhorses of the line. These are the most popular terminals TeleVideo sells, packed with features.</p> <p>Features:</p> <p>80 x 24 format, 7 x 10 matrix with 10 x 12 resolution</p> <p>P31 Green non-glare screen</p> <p>Upper and lower case with descenders</p> <p>Half duplex, full duplex, and block communication modes</p> <p>Editing: line or character, insert/delete</p> <p>Cursor control: left, right, up, down, home, carriage return, line feed, tab, back tab</p> <p>75 to 9600 baud rate</p> <p>14 key numeric key pad, 22 special function keys</p> <p>Reverse video, half intensity, blink, blank, underline</p> <p>Protected fields</p> <p>12 inch non-glare screen</p> <p>Auxiliary port, self-test</p> <p>TeleVideo 912C Typewriter Style Keyboard TEL-MN-020 775.00</p> <p>TeleVideo 920 C (11 Special Function, 6 Edit, 2 Transmission Keys) TEL-MN-030 795.00</p> | | |



Monitors & Terminals

| Description | Order Number | Price |
|-------------|--------------|-------|
|-------------|--------------|-------|

| | | |
|----------------------|-------------------|---------------|
| TeleVideo 925 | TEL-MN-035 | 850.00 |
|----------------------|-------------------|---------------|

The 925 is the newest terminal from TeleVideo, and combines the features of the 912/920 terminals with the styling of the 950. The detached Selectric-style keyboard and the P31 non-glare, tiltable, green screen make the 925 a comfortable, low stress terminal to use.

Features:

- Tilt and swivel screen (non-glare P31 green)
- 8 x 10 character resolution
- 22 function keys
- Code compatible with 912/920
- Protected fields
- 25th line for status
- Reverse video, half intensity, blink, blank, underline
- 128 displayable ASCII (96 alpha, 32 control)
- Full duplex, half duplex, and block modes
- Insert/delete line or character editing

| | | |
|-----------------------|-------------------|---------------|
| TeleVideo 950C | TEL-MN-040 | 995.00 |
|-----------------------|-------------------|---------------|

The TeleVideo 950C is the top-of-the-line, offering every feature you'd want in a terminal. Graphics, programmable keys, split screen, smooth scroll, line lock and a 25th line for status are just some of the 950C's advanced features.

Features:

- 80 x 24 format, 14 x 10 matrix, lower case descenders
- P31 green non-glare screen
- Detachable keyboard, tilt adjust non-glare screen
- 128 character ASCII, English, 96 alpha and 32 control
- Half-duplex, full-duplex, block, and local modes
- 15 graphics characters
- 22 programmable function keys
- 50 to 19,200 baud
- Self-test, buffered auxiliary port
- Full editing, insert/delete line or character

| | | |
|--------------------------------|-------------------|---------------|
| ADDS Viewpoint Terminal | TEL-MN-010 | 599.00 |
|--------------------------------|-------------------|---------------|

The ADDS Viewpoint offers many features — some, such as a detached keyboard and tiltable screen, can usually be found in terminals that cost much more.

Features:

- 80 x 24 format, 96 character ASCII, 5 x 7 matrix
- 110 to 19,200 baud, full- or half-duplex
- Typewriter-style keyboard, numeric keypad
- Reverse video, half intensity, blink, underline
- Monitor mode display of control characters
- Auxiliary port with print transparent
- Blinking or steady/underline or block cursor

Electronic Components

Electronic Components

| Description | Order Number | Price |
|---|--------------|-------|
| Microprocessors | | |
| Z80 8-bit CPU (2MHz) | MPD-EC-010 | 6.50 |
| Z80A 8-bit CPU (4MHZ) | MPD-EC-020 | 8.50 |
| Z80B 8-bit CPU (6MHz) | MPD-EC-030 | 18.50 |
| 6502A 8-bit CPU | MPD-EC-040 | 9.95 |
| 6800P 8-bit CPU | MPD-EC-050 | 6.75 |
| 6809P 8/16-bit CPU | MPD-EC-060 | 21.95 |
| 8080A 8-bit CPU | MPD-EC-070 | 3.50 |
| 8085A 8-bit CPU | MPD-EC-080 | 14.90 |
| 8080A Support Devices | | |
| 8218 8-bit I/O port | MPD-EC-090 | 1.85 |
| 8216 Bidir Bus Driver | MPD-EC-100 | 1.85 |
| 8224 Clock Gen/Driver | MPD-EC-110 | 2.50 |
| 8226 Invert Bidir Bus Driver | MPD-EC-130 | 2.25 |
| 8228 System Cont/Bus Driver | MPD-EC-140 | 4.25 |
| 8238 System Cont/Bus Driver | MPD-EC-150 | 4.25 |
| 8243 I/O Expander | MPD-EC-160 | 4.50 |
| 8251 Program Communication Interface | MPD-EC-170 | 5.50 |
| 8251A Program Communication Interface | MPD-EC-180 | 7.50 |
| 8253 Program Interval Timer | MPD-EC-190 | 9.50 |
| 8255-A5 Program Peripheral Interface | MPD-EC-120 | 5.50 |
| 8257 Program DMA Controler | MPD-EC-200 | 9.95 |
| 8259 Program Interrupt Cont | MPD-EC-210 | 11.50 |
| 8279 Program Keyboard/Display Interface | MPD-EC-220 | 10.25 |
| 6800 Support Devices | | |
| 6802P MPU, CLK, and RAM | MPD-EC-230 | 9.95 |
| 6810P 128 × 8 RAM 2 MHz | MPD-EC-240 | 4.85 |
| 6820 PIA | MPD-EC-250 | 4.75 |
| 6821P PIA | MPD-EC-250 | 4.20 |
| 6840P PTM | MPD-EC-260 | 6.95 |
| 6845P CRT Controller | MPD-EC-280 | 26.50 |
| 6850P ACIA | MPD-EC-290 | 4.50 |
| Z-80 Support Devices | | |
| Z-80A CTC (4 MHz) | MPD-EC-300 | 6.95 |
| Z-80A PIO (4 MHz) | MPD-EC-310 | 6.95 |
| Z-80A SIO/O (4 MHz) | MPD-EC-320 | 18.50 |
| Z-80A DMA (4 MHz) | MPD-EC-330 | 25.95 |
| Z-80A DART (4 MHz) | MPD-EC-340 | 15.95 |
| Z-80B CTC (6 MHz) | MPD-EC-350 | 13.50 |
| Z-80B PIO | MPD-EC-360 | 13.50 |
| Z-80B SIO/O | MPD-EC-370 | 49.95 |
| Z-80B DART | MPD-EC-380 | 19.95 |

Electronic Components

| Description | Order Number | Price |
|-------------|-----------------|-------|
|-------------|-----------------|-------|

6502 Support Devices

| | | |
|------------------------|------------|-------|
| 6520 PIA | MPD-EC-390 | 4.75 |
| 6522 PIA | MPD-EC-400 | 9.25 |
| 6532 RAM/ROM I/O Timer | MPD-EC-410 | 13.95 |

Disk Controllers

| | | |
|------------------------|------------|-------|
| 1771B01 Single Density | MPD-EC-420 | 20.95 |
| 1791B02 Double Density | MPD-EC-440 | 34.95 |
| 1792B01 Single Density | MPD-EC-450 | 20.95 |
| 1793B01 Double Density | MPD-EC-460 | 34.95 |
| 1794B01 Single Density | MPD-EC-470 | 20.95 |
| 1795B01 Double Density | MPD-EC-480 | 49.50 |
| 1797B01 Double Density | MPD-EC-490 | 49.50 |

USRT

| | | |
|--------------------------|------------|------|
| S2350 500K Baud (5 volt) | MPD-EC-500 | 7.95 |
|--------------------------|------------|------|

UARTs

| | | |
|-----------------------------|------------|------|
| AY5-1013 30K Baud (-12 + 5) | MPD-EC-510 | 4.75 |
| AY3-1014 40K Baud (5 volt) | MPD-EC-520 | 5.85 |

Static RAMs

| | | |
|------------------------|------------|------|
| 21L02 1K × (450ns) | MPD-EC-530 | 1.15 |
| 21L02A 1K × 1 (250ns) | MPD-EC-540 | 1.35 |
| 2114-L2 1K × 4 (200ns) | MPD-EC-550 | 2.25 |

Dynamic RAMs

| | | |
|--------------------------------------|------------|-------|
| Special! 4116 16K set of 8 NEC 200ns | MPD-EC-416 | 13.95 |
| 4116/20 16K × 1 16 Pin 200ns | MPD-EC-570 | 1.95 |
| 4164 64K × 1 200ns | MPD-EC-560 | 20.95 |

PROMs

| | | |
|-----------------------------|------------|-------|
| 2532 4K × 8 Bit (450ns) | MPD-EC-540 | 4.50 |
| 2708 1K × 8 Bit (450ns) | MPD-EC-580 | 3.50 |
| 2716T 5v 12v 2K × 8 (450ns) | MPD-EC-600 | 2.75 |
| 2716 5v 2K × 8 (450ns) | MPD-EC-610 | 5.50 |
| 2732 4K × 8 (450ns) | MPD-EC-620 | 15.95 |

ALPHA BYTE COMPUTER PRODUCTS PRICE LIST SUPPLEMENT

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ALPHA BYTE constantly adds to its product line, if you dont see what you want, please call , we can get it for you.

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| PRINTERS | | |
| ----- | | |
| EPSON PRINTERS | | |
| MX-80 F/T | EPS-HP-010 | 535.00 |
| MX-80 | EPS-HP-020 | 437.00 |
| MX-100 | EPS-HP-030 | 690.00 |
| ----- | | |
| EPSON ACCESSORIES | | |
| GRAFTRAX PLUS | EPS-HP-110 | 60.00 |
| MX-70/MX-80 PRINthead | EPS-HP-130 | 49.00 |
| MX-100 PRINthead | EPS-HP-260 | 52.00 |
| MX-80/MX-80 F/T SERVICE MANUAL | EPS-HP-150 | 25.00 |
| MX-100 SERVICE MANUAL | EPS-HP-160 | 30.00 |
| ----- | | |
| EPSON CABLES AND INTERFACES | | |
| TRS-80 MOD I/III CABLE | CET-CB-010 | 30.00 |
| TRS-80 MOD II CABLE | CET-CB-020 | 35.00 |
| APPLE INTERFACE AND CABLE | EPS-HP-080 | 99.00 |
| ATARI PARALLEL CABLE | EPS-HP-120 | 26.00 |
| IBM-PC CABLE | CCB-CB-010 | 35.00 |
| NORTHSTAR PARALLEL CABLE | CCB-CB-030 | 35.00 |
| OSBORNE PRINTER CABLE | CCB-CB-035 | 35.00 |
| RS232 SERIAL CABLE (DB-25) | CCB-CB-020 | 25.00 |
| ALTOS PARALLEL CABLE | CCB-CB-050 | 30.00 |
| STANDARD SERIAL INTERFACE | EPS-HP-140 | 109.00 |
| ----- | | |
| PRACTICAL PERIPHERALS | | |
| MB II 16K W/CABLE FOR APPLE | PPI-HP-100 | 259.00 |
| MB II 32K W/CABLE FOR APPLE | PPI-HP-110 | 299.00 |
| MBS-8K SERIAL 8K BUFFER | PPI-HP-120 | 159.00 |
| MBP-16K PARALLEL 16K BUFFER | PPI-HP-130 | 159.00 |
| 32K PAR. MICROBUFFER IN-LINE | PPI-HP-140 | 299.00 |
| 64K PAR. MICROBUFFER IN-LINE | PPI-HP-150 | 349.00 |
| 32K SER. MICROBUFFER IN-LINE | PPI-HP-160 | 299.00 |
| 64K SER. MICROBUFFER IN-LINE | PPI-HP-170 | 349.00 |
| 64K MEMORY EXPANSION MODULE | PPI-HP-180 | 179.00 |
| SNAPSHOT FOR APPLE COMPUTER | PPI-HP-090 | 119.00 |
| ----- | | |
| OKIDATA PRINTERS | | |
| MICROLINE 80, NO TRACTOR | OKI-HP-005 | 389.00 |
| MICROLINE 82A, NO TRACTOR | OKI-HP-010 | 460.00 |
| MICROLINE 83A W/TRACTOR | OKI-HP-030 | 700.00 |
| MICROLINE 84 W/TRACTOR SERIAL | OKI-HP-040 | 1190.00 |
| MICROLINE 84 W/TRACTOR PARALLE | OKI-HP-045 | 1085.00 |
| TRACTOR OPTION FOR 80 & 82A | OKI-HP-020 | 58.00 |
| 9600 BAUD SERIAL INTERFACE | OKI-HP-012 | 135.00 |
| OKIGRAPH I (FOR 82A) | OKI-HP-050 | 45.00 |
| OKIGRAPH II (FOR 83A) | OKI-HP-060 | 45.00 |
| ----- | | |
| C. ITOH PRINTERS | | |
| PRO/WRITER PARALLEL | CIT-HP-010 | 480.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|---------|
| ----- | | |
| PRINTERS (CONTINUED) | | |
| ----- | | |
| C. ITOH PRINTERS (CONTINUED) | | |
| PRO/WRITER PARALLEL/SERIAL | CIT-HP-020 | 590.00 |
| PRO/WRITER II PARALLEL | CIT-HP-030 | 699.00 |
| PRO/WRITER II SERIAL | CIT-HP-040 | 759.00 |
| STARWRITER F-10 40 CPS PARALL. | CIT-HP-050 | 1390.00 |
| STARWRITER F-10 40 CPS SERIAL | CIT-HP-060 | 1390.00 |
| STARWRITER BI-DIR. TRAC FEED | CIT-HP-070 | 215.00 |
| PRINTMASTER 55 CPS SERIAL | CIT-HP-080 | 1730.00 |
| PRINTMASTER 55 CPS PARALLEL | CIT-HP-090 | 1730.00 |
| ----- | | |
| NEC PRINTERS | | |
| PC-8023-A | NEC-HP-010 | 485.00 |
| 7710 SERIAL R/O | NEC-HP-020 | 2469.00 |
| 7715 SERIAL R/O | NEC-HP-030 | 2509.00 |
| 7730 PARALLEL R/O | NEC-HP-040 | 2469.00 |
| VERTICAL TRACTOR FEED | NEC-HP-050 | 220.00 |
| HORIZONTAL TRACTOR FEED | NEC-HP-060 | 155.00 |
| 7700 SERIES BI-DIR TRAC. FEED | NEC-HP-070 | 350.00 |
| CUT SHEET FEEDER | NEC-HP-080 | 1180.00 |
| 3510 SERIAL R/O | NEC-HP-090 | 1859.00 |
| 3530 PARALLEL R/O | NEC-HP-100 | 1859.00 |
| 3500 SERIES BI-DIR TRAC. FEED | NEC-HP-110 | 229.00 |
| ----- | | |
| ANADEx PRINTERS | | |
| DP-9500 | ANA-HP-010 | 1345.00 |
| DP-9501A | ANA-HP-020 | 1345.00 |
| WP6000 | ANA-HP-030 | 2899.00 |
| 2K BUFFER OPTION | ANA-HP-040 | 52.00 |
| ----- | | |
| DIABLO PRINTERS | | |
| 630 | DIB-HP-010 | 2219.00 |
| BI-DIRECTIONAL TRACTOR FEED | DIB-HP-020 | 270.00 |
| ----- | | |
| COMREX PRINTERS | | |
| CR-1 SERIAL | CMR-HP-020 | 859.00 |
| CR-1 PARALLEL | CMR-HP-030 | 839.00 |
| CR-1 QUME | CMR-HP-040 | 825.00 |
| TRACTOR FEED OPTION | CMR-HP-050 | 109.00 |
| ----- | | |
| INTEGRAL DATA SYSTEMS | | |
| MICROPRISM 480 | IDS-HP-010 | 669.00 |
| PRISM 80 | IDS-HP-020 | 859.00 |
| PRISIM 132 | IDS-HP-030 | 1121.00 |
| ----- | | |
| APPLE HARDWARE | | |
| ----- | | |
| RANA DISK DRIVES | | |
| DISK DRIVE | RAN-HA-010 | 335.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|--------|
| ----- | | |
| APPLE HARDWARE (CONTINUED) | | |
| ----- | | |
| RANA DISK DRIVES (CONTINUED) | | |
| DISK CONTROLLER | RAN-HA-020 | 104.00 |
| DISK DRIVE & CONTROLLER | RAN-HA-030 | 427.00 |
| ----- | | |
| MICRO SCI APPLE DISK DRIVES | | |
| A-40 W/O CONTROLLER | MSC-HA-010 | 366.00 |
| A-40 WITH CONTROLLER | MSC-HA-020 | 447.00 |
| A-70 W/O CONTROLLER | MSC-HA-030 | 484.00 |
| A-70 WITH CONTROLLER | MSC-HA-040 | 560.00 |
| A-35 W/O CONTROLLER | MSC-HA-060 | 334.00 |
| A-35 WITH CONTROLLER | MSC-HA-050 | 412.00 |
| ----- | | |
| QUENTIN DISK DRIVES | | |
| APPLEMATE DISK DRIVE | QUE-HA-010 | 269.00 |
| ----- | | |
| MICROSOFT | | |
| Z-80 SOFTCARD | MSF-HA-010 | 249.00 |
| 16K RAM CARD | MSF-HA-020 | 80.00 |
| SOFTCARD PREMIUM SYSTEM | MSF-HA-030 | 575.00 |
| ----- | | |
| T/G | | |
| GAME JOYSTICK | TGI-HA-010 | 44.95 |
| GAME PADDLES | TGI-HA-020 | 29.95 |
| SELECT A PORT | TGI-HA-030 | 42.50 |
| ----- | | |
| WICO | | |
| JOYSTICK 15-9714 | WCO-HA-010 | 23.50 |
| JOYSTICK 15-9708 DELUXE | WCO-HA-020 | 28.50 |
| JOYSTICK 15-9730 REDBALL | WCO-HA-030 | 26.95 |
| TRACKBALL 72-4545 ATARI | WCO-HA-040 | 59.00 |
| TRACKBALL 72-4521 APPLE | WCO-HA-060 | 59.00 |
| TRACKBALL 72-4550 TRS-80 | WCO-HA-070 | 59.00 |
| 12 FOOT EXT. CABLE 15-1756 | WCO-HA-100 | 8.00 |
| JOYSTICK ADAPT. APPLE 72-4525 | WCO-HA-110 | 17.00 |
| JOYSTICK ADAPT. TRS-80 72-4535 | WCO-HA-120 | 15.00 |
| ----- | | |
| VERSACORP | | |
| DIGITIZER/GRAPHICS TABLET | VRS-HA-040 | 259.00 |
| E-Z PORT | VRS-HA-050 | 21.95 |
| E-Z PORT II | VRS-HA-010 | 27.90 |
| ----- | | |
| STELLATION TWO | | |
| PASCAL SPEEDUP KIT WITH MILL | STL-HA-010 | 290.00 |
| ASSEM.LANG.DEV. KIT W/MILL | STL-HA-020 | 292.50 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|--------|
| ----- | | |
| APPLE HARDWARE (CONTINUED) | | |
| ----- | | |
| STELLATION TWO (CONTINUED) | | |
| PASCAL SOFTWARE WITHOUT MILL | STL-HA-030 | 55.00 |
| ASSEMBLY LANGUAGE WITHOUT MILL | STL-HA-040 | 42.50 |
| FLOATING POINT UPDATE (PASCAL) | STL-HA-050 | 30.00 |
| OS/9 OP. SYSTEM WITH MILL | STL-HA-060 | 385.00 |
| OS/9 OP. SYSTEM WITHOUT MILL | STL-HA-070 | 263.95 |
| ----- | | |
| VIDEX | | |
| VIDEOTERM FOR APPLE II | VID-HA-010 | 245.00 |
| ENHANCER II | VID-HA-030 | 129.00 |
| SOFT SWITCH | VID-HA-040 | 28.00 |
| KEYBOARD/DISP ENHANC. REV 0-6 | VID-HA-020 | 99.00 |
| FUNCTION STRIP | VID-HA-050 | 69.00 |
| ----- | | |
| M & R | | |
| SUP'R'FAN | MNR-HA-030 | 36.95 |
| SUP'R'TERM | MNR-HA-010 | 249.00 |
| SUP'R'MOD (UNIVERSAL) | MNR-HA-020 | 37.50 |
| ----- | | |
| ABT | | |
| APPLE KEYPAD | ABT-HA-010 | 99.00 |
| SOFTKEY | ABT-HA-020 | 115.00 |
| BARCODE READER | ABT-HA-030 | 159.00 |
| ----- | | |
| VISTA | | |
| VISION 80 - 80 COLUMN BOARD | VST-HA-010 | 278.00 |
| AB00 8 INCH DISK CONTROLLER | VST-HA-020 | 549.00 |
| ----- | | |
| SSM | | |
| ASIO SERIAL | SSM-HA-010 | 126.00 |
| APIO PARALLEL | SSM-HA-030 | 78.00 |
| AIO II | SSM-HA-050 | 162.00 |
| A-488 CONTROLLER | SSM-HA-040 | 426.00 |
| ----- | | |
| WESTSIDE ELECTRONICS | | |
| SUPERCLOCK II | WSE-HA-010 | 125.00 |
| ----- | | |
| PROMETHEUS | | |
| VERSACARD | PRO-HA-010 | 165.00 |
| PARALLEL CABLE | PRO-HA-030 | 19.95 |
| SERIAL CABLE | PRO-HA-020 | 19.95 |
| ----- | | |
| PRACTICAL PERIPHERALS | | |
| MB II 16K EPSON GRAPHICS | PPI-HP-010 | 259.00 |

| ITEM | STOCK NUMBER | PRICE |
|-----------------------------------|--------------|--------|
| APPLE HARDWARE (CONTINUED) | | |
| PRACTICAL PERIPHERALS (CONTINUED) | | |
| MB II 32K EPSON GRAPHICS | PPI-HP-020 | 299.00 |
| MB II 16K ANADEx GRAPHICS | PPI-HP-030 | 259.00 |
| MB II 32K ANADEx GRAPHICS | PPI-HP-040 | 299.00 |
| MB II 16K PAPER TIGER GRAPHICS | PPI-HP-050 | 259.00 |
| MB II 32K PAPER TIGER GRAPHICS | PPI-HP-060 | 299.00 |
| MB II 16K NEC/C. ITOH GRAPHICS | PPI-HP-070 | 259.00 |
| MB II 32K NEC./C. ITOH GRAPHICS | PPI-HP-080 | 299.00 |
| SNAPSHOT | PPI-HA-090 | 119.00 |

COOL STACK

| | | |
|------------------------------|------------|-------|
| COOL STACK W/FAN & LIB. RACK | COL-HA-010 | 65.00 |
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CALIFORNIA COMPUTER SYSTEMS

| | | |
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| 7440A TIMER | CCS-HA-010 | 99.80 |
| 7490 GPIB | CCS-HA-020 | 168.00 |
| 7424 CALENDAR/CLOCK | CCS-HA-030 | 99.00 |
| 7114 ROM/PROM CARD | CCS-HA-040 | 97.20 |
| 7470A A TO D CONVERTER | CCS-HA-050 | 97.20 |
| 7001A RAM PACK REPLACEMENT | CCS-HA-060 | 18.95 |
| 7500A PROTOTYPING BOARD W/WRAP | CCS-HA-070 | 22.50 |
| 7510A PROTOTYPING BOARD S/TAIL | CCS-HA-080 | 27.50 |
| 7520A EXTENDER BOARD | CCS-HA-090 | 25.00 |
| 7710A ASYNCH SERIAL BOARD | CCS-HA-100 | 149.00 |
| 7712A SYNCH. SERIAL BOARD | CCS-HA-110 | 159.00 |
| 7720 PARALLEL INTERFACE | CCS-HA-120 | 99.80 |
| 7729A CENTRONICS BOARD | CCS-HA-130 | 97.20 |
| 7340A PAPER TIGER CABLE | CCS-HA-140 | 32.50 |
| 7379A CENTRONICS CABLE | CCS-HA-150 | 26.50 |
| 7811B ARITH. PROC. W/DISK | CCS-HA-160 | 305.00 |
| 7811 ARITH. PROC. W/ROM | CCS-HA-170 | 305.00 |

MOUNTAIN HARDWARE

| | | |
|--------------------------------|------------|--------|
| MHP-Z024 EXPANSION CHASSIS | MTN-HA-060 | 580.00 |
| MPH-Z015 ROMWRITER | MTN-HA-030 | 149.00 |
| ROMPLUS+MHP-X014 W/O COPYROM | MTN-HA-010 | 165.00 |
| COPYROM MHP-X026 | MTN-HA-120 | 42.95 |
| KEYBOARD FILTER ROM | MTN-HA-110 | 49.00 |
| MHP-X016 INTROL/X-10 | MTN-HA-040 | 156.00 |
| MHP-X003 APPLE CLOCK | MTN-HA-050 | 218.50 |
| MHP-X023 A/D + D/A CONVERTER | MTN-HA-070 | 275.00 |
| MHP-X006 SUPERTALKER | MTN-HA-130 | 155.00 |
| CPS MULTIFUNCTION CARD | MTN-HA-080 | 175.00 |
| MHP-X022 MUSIC SYSTEM | MTN-HA-020 | 318.00 |
| APPLE PASCAL SOFTWARE ROUTINES | MTN-HA-104 | 18.00 |
| Z-80 SOFTCARD SOFTWARE ROUTINE | MTN-HA-102 | 18.00 |
| PARALLEL PRINTER CABLE | MTN-HA-100 | 18.95 |
| SERIAL PRINTER CABLE | MTN-HA-090 | 18.95 |

| ITEM | STOCK NUMBER | PRICE |
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| APPLE HARDWARE (CONTINUED) | | |
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| COMREX | | |
| APPLE TIMEPIECE BOARD | CMR-HA-010 | 125.00 |
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| TRS-80 HARDWARE | | |
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| ALPHA BYTE | | |
| DISK DRIVE UPGRADE KIT #1 MOD3 | ALB-HT-010 | 748.00 |
| DISK DRIVE UPGRADE KIT #2 MOD3 | ALB-HT-020 | 979.00 |
| DISK DRIVE UPGRADE KIT #3 MOD3 | ALB-HT-030 | 638.00 |
| DISK DRIVE UPGRADE KIT #4 MOD3 | ALB-HT-040 | 779.00 |
| CONTROLLER KIT ONLY MODEL 3 | ALB-HT-050 | 259.00 |
| 40 TK TANDON W/CAB/PS MODEL I | ALB-HT-220 | 289.00 |
| 80 TK TANDON W/CAB/PS MODEL I | ALB-HT-230 | 355.00 |
| FOUR DRIVE CABLE MODEL I | ALB-HT-240 | 29.00 |
| DISK DRIVE EXTENDER CABLE | ALB-HT-250 | 14.95 |
| 16K SET 4116 MEMORY CHIPS | ALB-EC-416 | 13.95 |
| 4116 MEMORY CHIP | ALB-EC-570 | 1.75 |
| ----- | | |
| PERCOM | | |
| DATA SEPARATOR | PER-HT-010 | 27.00 |
| DOUBLER II WITH DOSPLUS 3.4 | PER-HT-020 | 159.00 |
| ----- | | |
| LNW | | |
| DOUBLER WITH DOS 3.3 | LNW-HT-010 | 138.00 |
| DOUBLER 5/8 WITH DOS + 3.4 | LNW-HT-020 | 159.00 |
| 8 INCH DRIVE CABLE | LNW-HT-025 | 35.00 |
| ADAPTER FOR 8 INCH CABLE | LNW-HT-030 | 22.50 |
| SYSTEM EXPANSION FOR MODEL I | LNW-HT-040 | 350.00 |
| ----- | | |
| IBM-PC HARDWARE | | |
| ----- | | |
| ALPHA BYTE | | |
| 256K MEM. BOARD/RS-232 | ALB-HI-060 | 349.00 |
| 256K MEM. BOARD/RS-232/SUPCALC | ALB-HI-070 | 529.00 |
| 512K MEM. BOARD/RS-232 | ALB-HI-080 | 579.00 |
| 512K MEM. BOARD/RS-232/SUPCALC | ALB-HI-090 | 749.00 |
| J FORMAT ELECTRONIC DISK | ALB-HI-100 | 39.00 |
| 4116 MEMORY CHIP | ALB-EC-570 | 1.75 |
| 4164 MEMORY CHIP | ALB-EC-560 | 12.95 |
| 64K MEMORY UPGRADE | ALB-HI-105 | 80.00 |
| TANDON TM-100-1 SS/40 TRACK | ALB-HI-110 | 195.00 |
| TANDON TM-100-2 DS/40 TRACK | ALB-HI-120 | 269.00 |
| TANDON TM-100-3 SS/80 TRACK | ALB-HI-130 | 250.00 |
| TANDON TM-100-4 DS/80 TRACK | ALB-HI-140 | 369.00 |
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| MEDIA DISTRIBUTORS | | |
| 10 MB HARD DISK DRIVE | MDS-HI-010 | 2370.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|---------|
| IBM-PC HARDWARE (CONTINUED) | | |
| MEDIA DISTRIBUTORS (CONTINUED) | | |
| 20 MB HARD DISK DRIVE | MDS-HI-020 | 3180.00 |
| SEATTLE COMPUTER | | |
| 64K RAM + | SCC-HI-010 | 335.00 |
| QUADRAM | | |
| QUADRAM 64K | QDR-HI-010 | 438.00 |
| T/G | | |
| IBM JOYSTICK | TGI-HI-040 | 47.50 |
| ATARI HARDWARE | | |
| ATARI | | |
| JOYSTICK | ATR-HC-010 | 10.00 |
| JOYSTICK, PAIR | ATR-HC-020 | 19.50 |
| RAM MODULE | ATR-HC-030 | 89.00 |
| INTEC | | |
| 48K RAM MODULE FOR ATARI 400 | INT-HC-010 | 145.00 |
| 32K RAM MODULE FOR ATARI 800 | INT-HC-020 | 67.00 |
| SUNCOM | | |
| STARFIGHTER JOYSTICK FOR ATARI | SCM-HC-010 | 12.00 |
| SLICKSTIK JOYSTICK FOR ATARI | SCM-HC-020 | 9.00 |
| PERCOM | | |
| MASTER DISK DRIVE FOR ATARI | PER-HR-030 | 679.00 |
| SLAVE DISK DRIVE FOR ATARI | PER-HR-040 | 379.00 |
| S-100 HARDWARE | | |
| CALIFORNIA COMPUTER SYSTEMS | | |
| 2810 Z-80 CPU | CCS-HO-180 | 259.00 |
| 2422 DISK CONTROLLER W/CPM 2.2 | CCS-HO-190 | 359.00 |
| 2065 64K DYNAMIC RAM | CCS-HO-200 | 539.00 |
| 2718 2 SERIAL/2 PARALLEL | CCS-HO-210 | 269.00 |
| 2710 4 SERIAL | CCS-HO-220 | 279.00 |
| 2200 MAINFRAME | CCS-HO-230 | 459.00 |
| 2720 4 PARALLEL PORTS | CCS-HO-240 | 199.00 |
| 2520 EXTENDER/TERMINATOR | CCS-HO-250 | 54.00 |
| 2210 COMPUTER SYSTEM | CCS-HO-260 | 1800.00 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|---------|
| S-100 HARDWARE (CONTINUED) | | |
| SIERRA COMPUTER PRODUCTS | | |
| EPP/M PROM PROGRAMMER A/T | SCP-HQ-010 | 240.00 |
| EPP/M PROM PROGRAMMER KIT | SCP-HQ-020 | 195.00 |
| S-100 PROTOTYPING MODULE | SCP-HQ-030 | 90.00 |
| PROG. SOFTWARE SPECIFY FORMAT | SCP-HQ-040 | 15.00 |
| STATIC MEMORY SYSTEMS | | |
| LAST MEMORY, SOCKETED, NO RAMS | SMS-HQ-010 | 139.00 |
| LAST MEMORY, A/T 64K RAM | SMS-HQ-020 | 499.00 |
| LAST MEMORY, A/T 32K RAM | SMS-HQ-030 | 333.00 |
| LASTING MEMORY, NO MEMORY | SMS-HQ-040 | 299.00 |
| LASTING MEMORY, W/2K EEPROM | SMS-HQ-050 | 345.00 |
| LASTING MEMORY, W/4K EEPROM | SMS-HQ-060 | 375.00 |
| LASTING MEMORY, W/16K RAM | SMS-HQ-070 | 349.00 |
| FULCRUM | | |
| OMNIRAM W/HITACHI 6116 (150NS) | FUL-HQ-010 | 450.00 |
| VID-X1 VIDEO BOARD | FUL-HQ-040 | 285.00 |
| VID-X2 VIDEO BOARD | FUL-HQ-050 | 335.00 |
| COMREX | | |
| S-100 TIMEPIECE | CMR-HQ-060 | 125.00 |
| QT COMPUTER PRODUCTS | | |
| QTC-MF+6 6 SLOT MAINFRAME | QTI-HQ-010 | 505.00 |
| QTC-MF+8 8 SLOT MAINFRAME | QTI-HQ-020 | 591.00 |
| QTC-MF+12 12 SLOT MAINFRAME | QTI-HQ-030 | 633.00 |
| QTC-MF+18 18 SLOT MAINFRAME | QTI-HQ-040 | 676.00 |
| QTC-MF+22 22 SLOT MAINFRAME | QTI-HQ-050 | 717.00 |
| QTC-RM+12CV 12 SLOT RACK MTG. | QTI-HQ-060 | 676.00 |
| QTC-RM+18CV 18 SLOT RACK MTG | QTI-HQ-070 | 760.00 |
| QTC-RM+22CV 22 SLOT RACK MTG | QTI-HQ-080 | 845.00 |
| QTC-MF+MD6 MF CUTOUTS 2 5 1/4" | QTI-HQ-090 | 676.00 |
| QTC-MF+MD8 MF CUTOUTS 2-5 1/4" | QTI-HQ-100 | 717.00 |
| QTC-MF+MD12 MF CUTOUTS 2-5 1/4" | QTI-HQ-110 | 760.00 |
| QTC-MF+DD6 MF CUTOUTS 2-8" | QTI-HQ-120 | 717.00 |
| QTC-MF+DD8 MF CUTOUTS 2-8" | QTI-HQ-130 | 802.00 |
| QTC-MF+DD12 MF CUTOUTS 2-8" | QTI-HQ-140 | 850.00 |
| S-100 CLOCK BOARD | QTI-HQ-150 | 160.00 |
| DISK DRIVE SYSTEMS | | |
| MORROW DESIGNS | | |
| DISCUS 2D SINGLE DRIVE SYSTEM | MOR-HQ-010 | 985.00 |
| DISCUS 2D DUAL DRIVE SYSTEM | MOR-HQ-020 | 1687.00 |
| DISCUS 2D ADD ON DRIVES | MOR-HQ-025 | 697.00 |

| ITEM | STOCK NUMBER | PRICE |
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DISK DRIVE SYSTEMS (CONTINUED)

MORROW DESIGNS (CONTINUED)

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| DISCUS 2+2 SINGLE DRIVE SYSTEM | MOR-HQ-030 | 1687.00 |
| DISCUS 2+2 DUAL DRIVE SYSTEM | MOR-HQ-040 | 2227.00 |
| DISCUS 2+2 ADD ON DRIVES | MOR-HQ-045 | 687.00 |
| DISCUS M5 SYSTEM | MOR-HQ-048 | 2245.00 |
| M5 ADD ON DRIVES | MOR-HQ-049 | 1885.00 |
| DISCUS M10 SYSTEM | MOR-HQ-050 | 3325.00 |
| DISCUS M10 ADD ON DRIVES | MOR-HQ-052 | 2875.00 |
| DISCUS M20 SYSTEM | MOR-HQ-060 | 4315.00 |
| DISCUS M20 ADD ON DRIVES | MOR-HQ-062 | 3865.00 |
| DISCUS M26 SYSTEM | MOR-HQ-070 | 4045.00 |
| DISCUS M26 ADD ON DRIVES | MOR-HQ-072 | 3595.00 |

MEDIA DISTRIBUTORS

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| 10 MB HARD DISK SYSTEM | MDS-HQ-030 | 2370.00 |
| 20 MB HARD DISK SYSTEM | MDS-HQ-040 | 3160.00 |

CORVUS SYSTEMS

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|---------------------------|------------|---------|
| 5 MB DISK DRIVE | COR-HQ-010 | 2755.00 |
| 10 MB DISK DRIVE | COR-HQ-020 | 3699.00 |
| 20 MB DISK DRIVE | COR-HQ-030 | 4299.00 |
| MIRROR INCLUDING SOFTWARE | COR-HQ-040 | 700.00 |
| HOST MULTIPLEXER | COR-HQ-050 | 788.00 |
| MASTER MULTIPLEXER | COR-HQ-060 | 788.00 |
| CARD WITH 5 FOOT CABLE | COR-HQ-070 | 282.00 |
| CARD WITH 15 FOOT CABLE | COR-HQ-080 | 300.00 |
| CARD WITH 30 FOOT CABLE | COR-HQ-090 | 330.00 |
| CARD WITH 50 FOOT CABLE | COR-HQ-100 | 360.00 |

TANDON

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|--------------------------------|------------|--------|
| TM-100-1 SS/DD BARE DR. 5 1/4" | TAN-HQ-010 | 195.00 |
| TM-100-2 DS/DD BARE DR. 5 1/4" | TAN-HQ-020 | 269.00 |
| TM-100-3 SS/DD BARE DR. 5 1/4" | TAN-HQ-030 | 250.00 |
| TM-100-4 DS/DD BARE DR. 5 1/4" | TAN-HQ-040 | 369.00 |
| 848-1 SS/DD BARE DRIVE 8" | TAN-HQ-050 | 379.00 |
| 848-2 DS/DD BARE DRIVE 8" | TAN-HQ-060 | 490.00 |

ALPHA BYTE

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|-------------------------------|------------|--------|
| CAB. W/P.S. FOR SINGLE 5 1/4" | ALB-HQ-150 | 79.00 |
| CAB. W/P.S. FOR DUAL 5 1/4" | ALB-HQ-160 | 99.00 |
| CAB. W/P.S. FOR SINGLE 8" | ALB-HQ-170 | 210.00 |

COMPUTERS

ATARI

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| ATARI 400 | ATR-HC-040 | 265.00 |
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| ITEM | STOCK NUMBER | PRICE |
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| COMPUTERS (CONTINUED) | | |
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| ATARI (CONTINUED) | | |
| ATARI 800 | ATR-HC-050 | 659.00 |
| 410 PROGRAM RECORDER | ATR-HC-060 | 75.00 |
| 810 DISK DRIVE | ATR-HC-070 | 445.00 |
| 850 INTERFACE MODULE | ATR-HC-080 | 169.00 |
| RAM MODULE | ATR-HC-090 | 89.00 |
| ----- | | |
| NEC COMPUTERS | | |
| PC-8001A COMPUTER | NEC-HC-120 | 780.00 |
| PC-8012A I/O EXPANSION | NEC-HC-130 | 515.00 |
| PC-8031A MINI DISK DRIVE | NEC-HC-140 | 785.00 |
| PC-8033A DISK I/O PORT | NEC-HC-150 | 159.00 |
| PC-8023A DOT MATRIX PRINTER | NEC-HP-160 | 485.00 |
| PC-8094A PRINTER CABLE | NEC-HP-170 | 19.95 |
| JB-1201A GREEN MONITOR | NEC-MN-180 | 139.00 |
| JB 1201C COLOR MONITOR | NEC-MN-190 | 399.00 |
| JC-1202DC(A) RGB MON. | NEC-MN-200 | 750.00 |
| PC-8091A RGB CABLE FOR JC-1202 | NEC-MN-210 | 16.50 |
| CPM FOR PC-8001A | NEC-SN-220 | 137.50 |
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| RACET | | |
| NECDOS FOR PC-8001A | RAC-SN-010 | 162.50 |
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| ALTOS | | |
| ACS8000-2 COMPUTER | ALT-HC-010 | 2940.00 |
| SERIES 5-15D DUAL SIDED FLOPPY | ALT-HC-030 | 2511.00 |
| SERIES 5-5D 5 MB HARD/1 FLOPPY | ALT-HC-040 | 4947.00 |
| ASC8000-15 SINGLE SIDE DRIVES | ALT-HC-050 | 4121.00 |
| ASC8000-10 10MB HARD/1 FLOPPY | ALT-HC-070 | 6300.00 |
| ASC8000-10/MTU 10MB HARD/TAPE | ALT-HC-080 | 9000.00 |
| ASC8000-12 20MB HARD/1 FLOPPY | ALT-HC-090 | 8250.00 |
| ASC8000-12/MTU 20MB HARD/TAPE | ALT-HC-100 | 10200.00 |
| ASC8000-14 40MB HARD/1 FLOPPY | ALT-HC-110 | 11875.00 |
| ASC8000-14/MTU 40MB HARD/TAPE | ALT-HC-120 | 11875.00 |
| CPM 2.2 | ALT-HC-130 | 126.00 |
| MPM II | ALT-HC-140 | 405.00 |
| OASIS OPERATING SYSTEM | ALT-HC-150 | 415.00 |
| ----- | | |
| HEWLETT PACKARD | | |
| HP-85 PERSONAL COMPUTER | HWP-HC-010 | 2195.00 |
| 5 1/4" DISK DRIVE | HWP-HC-020 | 1198.00 |
| DUAL 5 1/4" DISK DRIVES | HWP-HC-030 | 1768.00 |
| 8" DISK DRIVE WITH CONTROLLER | HWP-HC-040 | 3480.00 |
| DUAL 8" DISK DRIVES | HWP-HC-050 | 4480.00 |
| 16K MEMORY MODULE | HWP-HC-060 | 166.50 |
| IMPACT PRINTER | HWP-HC-070 | 666.00 |
| 2631B IMPACT PRINTER OPT. 885 | HWP-HC-080 | 3269.00 |

| ITEM | STOCK NUMBER | PRICE |
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| COMPUTERS (CONTINUED) | | |
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| HEWLETT PACKARD (CONTINUED) | | |
| 7470A GRAPHICS PLOTTER | HWP-HC-090 | 1262.00 |
| ROM DRAWER PROGRAMMABLE | HWP-HC-110 | 166.50 |
| MASS STORAGE ROM | HWP-HC-120 | 121.50 |
| PLOTTER/PRINTER ROM | HWP-HC-130 | 121.50 |
| INPUT/OUTPUT ROM | HWP-HC-140 | 266.00 |
| HP-IB INTERFACE | HWP-HC-150 | 336.00 |
| RS232 INTERFACE M | HWP-HC-160 | 336.00 |
| RS232 INTERFACE F | HWP-HC-170 | 336.00 |
| PRINTER INTERFACE (PARALLEL) | HWP-HC-180 | 256.00 |
| VISICALC PLUS | HWP-HC-190 | 176.00 |
| GENERAL STATISTICS PACK | HWP-HC-210 | 86.00 |
| FINANCIAL DECISIONS PACK | HWP-HC-220 | 86.00 |
| GRAPHICS PRESENTATIONS | HWP-HC-230 | 195.00 |
| INFORMATION MANAGEMENT | HWP-HC-240 | 86.00 |
| HP-125 COMPUTER | HWP-HC-400 | 2197.00 |
| DUAL 5 1/4 FLOPPYS 248KB/DRIVE | HWP-HC-410 | 1817.80 |
| DUAL 8" FLOPPY | HWP-HC-420 | 4815.80 |
| VISICALC/125 | HWP-HC-430 | 189.00 |
| GRAPHICS/125 | HWP-HC-440 | 189.00 |
| WORD/125 | HWP-HC-450 | 413.00 |
| BASIC/125 | HWP-HC-460 | 227.50 |
| LINK/125 | HWP-HC-470 | 106.75 |
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| XEROX | | |
| 820-II WITH 5 1/4" DRIVES | XRX-HC-010 | 2708.00 |
| 820-II WITH 8" DRIVES | XRX-HC-020 | 3368.90 |
| 40 CPS PRINTER (DIABLO 630) | XRX-HC-030 | 2354.00 |
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| MODEMS | | |
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| ANCHOR AUTOMATION | | |
| SIGNALMAN MODEM FOR ATARI | AAM-HM-020 | 85.00 |
| SIGNALMAN RS-232 | AAM-HM-010 | 85.00 |
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| LEXICON | | |
| LEX-11 | LEX-HM-010 | 119.00 |
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| NOVATION | | |
| CAT | NOV-HM-020 | 135.00 |
| D-CAT | NOV-HM-010 | 156.00 |
| AUTO-CAT | NOV-HM-030 | 219.00 |
| APPLE-CAT II 300 BAUD | NOV-HM-040 | 310.00 |
| APPLE-CAT II 1200 BAUD | NOV-HM-050 | 605.00 |
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| D.C. HAYES | | |
| SMARTMODEM 300 BAUD | DCM-HM-030 | 227.00 |

| ITEM | STOCK NUMBER | PRICE |
|-------------------------------|--------------|--------|
| MODEMS (CONTINUED) | | |
| D.C. HAYES (CONTINUED) | | |
| SMARTMODEM 1200 BAUD | DCM-HM-035 | 540.00 |
| MICROMODEM FOR APPLE II | DCM-HM-010 | 289.00 |
| MICROMODEM 100 FOR S-100 | DCM-HM-020 | 325.00 |
| CHRONOGRAPH | DCM-HM-040 | 199.00 |
| UNIVERSAL DATA SYSTEMS | | |
| UDS 212 1200 BAUD | UDS-HM-030 | 429.00 |
| UDS 103LP 300 BAUD | UDS-HM-010 | 175.00 |
| UDS 103JLP 300 BAUD | UDS-HM-020 | 209.00 |
| APPLE SOFTWARE | | |
| HOWARD SOFTWARE SERVICES | | |
| TAX PREPARER FOR CALIF. ONLY | HOW-SA-010 | 58.50 |
| CREATIVE FINANCING APPLE II | HOW-SA-020 | 152.00 |
| REAL ESTATE ANALYZER APPLE II | HOW-SA-030 | 152.00 |
| ON-LINE SYSTEMS | | |
| THE DICTIONARY | OLS-SA-020 | 79.00 |
| THE GENERAL MANAGER APPLE II | OLS-SA-030 | 165.00 |
| SCREENWRITER II APPLE II | OLS-SA-040 | 99.00 |
| LISA 2.5 | OLS-SA-050 | 59.00 |
| SSM | | |
| TRANSEND I | SSM-HA-060 | 70.00 |
| TRANSEND II | SSM-HA-070 | 115.00 |
| TRANSEND III | SSM-HA-075 | 175.00 |
| VISICORP | | |
| VISICALC APPLE II | VIS-SA-010 | 189.00 |
| DESKTOP/PLAN II | VIS-SA-020 | 189.00 |
| VISIFILE APPLE II | VIS-SA-030 | 189.00 |
| VISILOT APPLE II | VIS-SA-040 | 158.00 |
| VISITREND/VISILOT APPLE II | VIS-SA-050 | 229.00 |
| VISIDEX APPLE II | VIS-SA-060 | 189.00 |
| VISITERM APPLE II | VIS-SA-070 | 79.00 |
| ARTSCI | | |
| MAGIC WINDOW APPLE II | ART-SA-010 | 79.00 |
| MAGIC WORDS APPLE II | ART-SA-020 | 59.00 |
| MAGIC MAILER APPLE II | ART-SA-030 | 59.00 |
| SOFTWARE PUBLISHING CORP. | | |
| PFS:PERSONAL FILING SYSTEM | PFS-SA-010 | 85.00 |

| ITEM | STOCK NUMBER | PRICE |
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| APPLE SOFTWARE (CONTINUED) | | |
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| SOFTWARE PUBLISHING CORP. (CONTINUED) | | |
| PFS:REPORTS | PFS-SA-020 | 79.00 |
| PFS:GRAPH | PFS-SA-030 | 89.95 |
| ----- | | |
| SOUTHWESTERN DATA SYSTEMS | | |
| ASCII EXPRESS | SDS-SA-005 | 63.95 |
| Z-TERM APPLE CPM | SDS-SA-010 | 89.00 |
| Z-TERM PROFESSIONAL | SDS-SA-020 | 129.95 |
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| OASIS SYSTEMS | | |
| THE WORD PLUS (REQUIRES CPM) | DAS-SA-010 | 117.00 |
| ----- | | |
| MICROPRO | | |
| WORDSTAR FOR APPLE CPM | MPO-SA-010 | 199.00 |
| MAILMERGE FOR APPLE CPM | MPO-SA-020 | 60.00 |
| SPELLSTAR FOR APPLE CPM | MPO-SA-030 | 109.00 |
| CALCSTAR FOR APPLE CPM | MPO-SA-040 | 109.00 |
| DATASTAR FOR APPLE CPM | MPO-SA-050 | 162.00 |
| SUPERSORT FOR APPLE CPM | MPO-SA-060 | 109.00 |
| ----- | | |
| NIKROM | | |
| MASTER DIAGNOSTICS | NIK-SA-010 | 44.00 |
| ----- | | |
| SOFT-TECH | | |
| UCSD P-SYSTEM SOFTWARE SET | SFT-SA-010 | 468.75 |
| ----- | | |
| STONEWARE MICROCOMPUTER PROD | | |
| DB MASTER APPLE II | STN-SA-010 | 169.00 |
| UTILITY PACK # 1 | STN-SA-020 | 69.00 |
| UTILITY PACK # 2 | STN-SA-030 | 69.00 |
| ----- | | |
| MICROSOFT | | |
| COBOL FOR APPLE CPM | MSF-SA-040 | 550.00 |
| FORTTRAN FOR APPLE CPM | MSF-SA-050 | 150.00 |
| TASC APPLESOFT COMPILER | MSF-SA-060 | 125.00 |
| TYPING TUTOR APPLE II | MSF-SA-070 | 17.95 |
| MULTIPLAN (40 COLUMN) | MSF-SA-080 | 209.00 |
| MULTIPLAN (80 COLUMN) | MSF-SA-090 | 209.00 |
| ----- | | |
| ASHTON-TATE | | |
| DBASE-II (REQUIRES CPM) | ASH-SA-010 | 429.00 |
| DBASE-II (NATIVE APPLE SYSTEM) | ASH-SA-020 | 290.00 |
| ----- | | |
| CONTINENTAL SOFTWARE | | |
| ACCOUNTS RECEIVABLE APPLE II | CON-SA-010 | 165.00 |

| ITEM | STOCK NUMBER | PRICE |
|----------------------------------|--------------|--------|
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| APPLE SOFTWARE (CONTINUED) | | |
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| CONTINENTAL SOFTWARE (CONTINUED) | | |
| ACCOUNTS PAYABLE APPLE II | CON-SA-020 | 165.00 |
| PAYROLL APPLE II | CON-SA-030 | 165.00 |
| PROPERTY MANAGEMENT APPLE II | CON-SA-040 | 399.00 |
| FIRST CLASS MAIL APPLE II | CON-SA-050 | 58.90 |
| THE HOME ACCOUNTANT APPLE II | CON-SA-060 | 59.95 |
| ----- | | |
| ACCOUNTING PLUS II | | |
| GENERAL LEDGER APPLE II | ACP-SA-090 | 292.50 |
| ACCOUNTS RECEIVABLE APPLE II | ACP-SA-020 | 585.00 |
| ACCOUNTS PAYABLE APPLE II | ACP-SA-030 | 650.00 |
| INVENTORY APPLE II | ACP-SA-040 | 325.00 |
| ----- | | |
| BEAGLE BROTHERS | | |
| DOS BOSS | BGL-SA-010 | 18.75 |
| UTILITY CITY | BGL-SA-020 | 23.00 |
| TIP DISK #1 | BGL-SA-030 | 16.00 |
| APPLE MECHANIC | BGL-SA-040 | 23.00 |
| BEAGLE BAG | BGL-SA-050 | 23.00 |
| ----- | | |
| PEACHTREE | | |
| SERIES 4/40 | PTR-SA-010 | 340.00 |
| PEACHPAK(S) | PTR-SA-030 | 369.00 |
| ----- | | |
| SILICON VALLEY SOFTWARE | | |
| WORDHANDLER II | SVS-SA-010 | 149.00 |
| ----- | | |
| TRS-80 SOFTWARE | | |
| ----- | | |
| LINDBERG SYSTEMS | | |
| OMNITERM FOR MODEL I, III | LBG-ST-010 | 89.95 |
| ----- | | |
| SOFT SECTOR MARKETING | | |
| LAZY WRITER MODEL I | SFM-ST-010 | 135.00 |
| LAZY WRITER MODEL III | SFM-ST-020 | 135.00 |
| MICROPROOF MODEL I | SFM-ST-030 | 128.35 |
| MICROPROOF MODEL III | SFM-ST-040 | 128.35 |
| ----- | | |
| PROSOFT | | |
| NEWSSCRIPT MODEL I W/LABELS | PSF-ST-015 | 109.00 |
| NEWSSCRIPT MODEL III W/LABELS | PSF-ST-030 | 109.00 |
| ----- | | |
| SOFTWARE CONCEPTS | | |
| XTRA-SPECIAL DELIVERY MOD1,III | SFC-ST-020 | 179.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|--------|
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| TRS-80 SOFTWARE (CONTINUED) | | |
| ----- | | |
| THE ALTERNATE SOURCE | | |
| TRAKCESS MODEL I | TAS-ST-010 | 34.95 |
| TASMON Z-80 MON/DISA MODEL I | TAS-ST-020 | 39.95 |
| TASMON Z-80 MON/DISA MODEL III | TAS-ST-030 | 39.95 |
| SUPER UTILITY MODEL I | TAS-ST-060 | 48.00 |
| SUPER UTILITY MODEL III | TAS-ST-070 | 48.00 |
| ----- | | |
| MICROSOFT | | |
| BASIC COMPILER MOD I DISK | MSF-ST-100 | 165.00 |
| BASIC COMPILER MOD II 8" CPM | MSF-ST-110 | 299.00 |
| FORTTRAN MODEL I ONLY | MSF-ST-120 | 150.00 |
| ED/ASM PLUS MODEL I DISK | MSF-ST-130 | 44.95 |
| ED/ASM PLUS MODEL I CASSETTE | MSF-ST-140 | 44.95 |
| TRS-80 MUMATH/MUSIMP | MSF-ST-150 | 200.00 |
| ----- | | |
| ADVENTURE INTERNATIONAL | | |
| MAXI-MANAGER | ADV-ST-010 | 89.95 |
| ----- | | |
| APPARAT | | |
| NEWDOS/80 2.0 MODEL I | APA-ST-010 | 139.00 |
| NEWDOS/80 2.0 MODEL III | APA-ST-020 | 139.00 |
| ----- | | |
| MICROSYSTEMS | | |
| DOSPLUS 3.4 MOD I SINGLE DENS. | MYS-ST-010 | 89.00 |
| DOSPLUS 3.4D MOD. I DOUBLE DEN | MYS-ST-015 | 89.00 |
| DOSPLUS 3.4 MOD III 40 TRACK | MYS-ST-020 | 85.00 |
| DOSPLUS 3.38 MOD III 40/80 TRK | MYS-ST-040 | 85.00 |
| DOSPLUS 3.38 MOD III 80 TRACK | MYS-ST-030 | 85.00 |
| ----- | | |
| LOBO | | |
| LDOS 5.1 MODEL I | LBO-ST-010 | 119.00 |
| LDOS 5.1 MODEL III | LBO-ST-020 | 119.00 |
| ----- | | |
| PICKLES AND TROUT | | |
| CPM FOR MODEL II | PAT-ST-010 | 165.00 |
| CPM FOR MODEL 16 | PAT-ST-020 | 165.00 |
| ----- | | |
| IBM-PC SOFTWARE | | |
| ----- | | |
| ELECTRONIC DATA SYSTEMS | | |
| VOLKSWRITER | EDS-SI-010 | 145.00 |
| ----- | | |
| DATAMOST | | |
| WRITE-ON | DTM-SI-010 | 95.00 |

| ITEM | STOCK NUMBER | PRICE |
|-----------------------------|--------------|--------|
| IBM-PC SOFTWARE (CONTINUED) | | |
| INFORMATION UNLIMITED | | |
| EASYWRITER II | IUS-SI-010 | 249.00 |
| EASYSPELLER | IUS-SI-020 | 149.00 |
| EASYFILE | IUS-SI-030 | 285.00 |
| EASY PLANNER | IUS-SI-040 | 187.00 |
| CONTINENTAL SOFTWARE | | |
| HOME ACCOUNTANT PLUS | CON-SI-070 | 105.00 |
| 1ST CLASS MAIL | CON-SI-080 | 85.00 |
| SORCIM | | |
| SUPERCALC | SOR-SI-010 | 179.00 |
| SPELLGUARD | SOR-SI-020 | 145.00 |
| MICROPRO | | |
| WORDSTAR | MPQ-SI-070 | 235.00 |
| MAILMERGE | MPQ-SI-080 | 79.00 |
| DATASTAR | MPQ-SI-090 | 220.00 |
| SPELLSTAR | MPQ-SI-100 | 150.00 |
| SUPERSORT | MPQ-SI-110 | 160.00 |
| CALCSTAR | MPQ-SI-120 | 199.00 |
| ASHTON-TATE | | |
| DBASE-II FOR IBM DOS | ASH-SI-030 | 429.00 |
| DBASE-II FOR IBM CPM-86 | ASH-SI-040 | 429.00 |
| OASIS SYSTEMS | | |
| THE WORD PLUS | OAS-SI-020 | 117.00 |
| SUPERSOFT | | |
| DISK DOCTOR | SUP-SI-010 | 85.00 |
| WOOLF SOFTWARE | | |
| MOVE IT | WLF-SI-010 | 109.00 |
| INNOVATIVE SOFTWARE | | |
| T.I.M. I, II, III | IVS-SI-010 | 379.00 |
| MICROLAB | | |
| THE TAX MANAGER | MCL-SI-010 | 188.00 |
| VISICORP | | |
| VISICALC/256K | VIS-SI-080 | 189.00 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|---------|
| IBM-PC SOFTWARE (CONTINUED) | | |
| VISICORP (CONTINUED) | | |
| VISITREND/VISIPLLOT | VIS-SI-090 | 235.00 |
| VISIDEX | VIS-SI-100 | 192.00 |
| VISIFILE | VIS-SI-110 | 249.00 |
| VISISCHEDULE | VIS-SI-120 | 239.00 |
| FORTH INC. | | |
| FORTH LEVEL 2 | FTH-SI-010 | 250.00 |
| VERSACORP | | |
| VERSAWRITER GRAPHICS TABLET | VRS-SI-020 | 270.00 |
| DIGITAL RESEARCH | | |
| CONCURRENT CP/M-86 | DIG-SI-010 | 315.00 |
| COBOL-86 | DIG-SI-020 | 1160.00 |
| PASCAL MT+86 | DIG-SI-030 | 499.00 |
| CPM-86 | DIG-SI-040 | 285.00 |
| CBASIC-86 | DIG-SI-050 | 249.00 |
| AMERICAN TRAINING INTERNATIONAL | | |
| ATI POWER FOR PCDOS | ATI-SI-010 | 58.00 |
| ATI SUPERCALC TRAINING | ATI-SI-020 | 58.00 |
| ATI MBASIC TRAINING | ATI-SI-030 | 58.00 |
| ATI VISICALC TRAINING | ATI-SI-040 | 58.00 |
| MICROSOFT | | |
| MULTIPLAN | MSF-SI-160 | 215.00 |
| PEACHTREE | | |
| SERIES 4 | PTR-SI-020 | 340.00 |
| ATARI SOFTWARE | | |
| ATARI | | |
| WORDPROCESSOR | ATR-SR-100 | 120.90 |
| THE BOOKEEPER | ATR-SR-110 | 120.90 |
| MICROSOFT BASIC | ATR-SR-120 | 72.80 |
| THE BOOKEEPER KIT | ATR-SR-130 | 190.00 |
| THE ENTERTAINER KIT | ATR-SR-140 | 75.90 |
| THE PROGRAMMER KIT | ATR-SR-150 | 60.50 |
| DATASOFT | | |
| TEXT WIZARD | DSF-SR-010 | 75.36 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|---------|
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| ATARI SOFTWARE (CONTINUED) | | |
| ----- | | |
| DATASOFT (CONTINUED) | | |
| GRAPHIC GENERATOR | DSF-SR-020 | 19.46 |
| SOFTERM | DSF-SR-030 | 37.53 |
| THE BASIC COMPILER | DSF-SR-040 | 75.36 |
| LISP INTERPRETER | DSF-SR-050 | 113.00 |
| ----- | | |
| K-BYTE | | |
| K-DOS | KBY-SR-010 | 68.86 |
| K-COM I | KBY-SR-020 | 37.66 |
| ----- | | |
| LJK ENTERPRISES | | |
| LETTER PERFECT | LJK-SR-010 | 113.00 |
| LETTER PERFECT (ROM CARTRIDGE) | LJK-SR-020 | 188.46 |
| LETTER PERF. 80 COL. (ROM CAR) | LJK-SR-030 | 188.46 |
| DATA PERFECT 40 COLUMN | LJK-SR-040 | 75.36 |
| DATA PERFECT 80 COLUMN | LJK-SR-050 | 75.36 |
| UTILITY/MAILMERGE | LJK-SR-060 | 22.50 |
| EDIT 6502 | LJK-SR-070 | 150.75 |
| ----- | | |
| ON-LINE SYSTEMS | | |
| THE NEXT STEP | OLS-SR-060 | 31.00 |
| ----- | | |
| SYNAPSE SOFTWARE | | |
| FILE MANAGER 800 | SYN-SR--010 | 71.46 |
| DISK MANAGER | SYN-SR-020 | 24.98 |
| ----- | | |
| VISICORP | | |
| VISICALC | VIS-SR-130 | 199.00 |
| ----- | | |
| CPM SOFTWARE | | |
| ----- | | |
| SOFTWARE DIMENSIONS INC. | | |
| GENERAL LEDGER | SWD-SO-010 | |
| INVENTORY CONTROL SYSTEM | SWD-SO-070 | |
| ACCOUNTS RECEIVABLE | SWD-SO-020 | |
| SALES ORDER SYSTEM | SWD-SO-060 | |
| PURCHASE ORDER SYSTEM | SWD-SO-050 | |
| ACCOUNTS PAYABLE | SWD-SO-030 | |
| PAYROLL | SWD-SO-040 | |
| POINT-OF-SALE | SWD-SO-080 | |
| ALL 8 MODULES | SWD-SO-090 | 1799.00 |
| ----- | | |
| MICROPRO | | |
| WORDSTAR 8" | MPD-SO-130 | 265.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|--------|
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| CPM SOFTWARE (CONTINUED) | | |
| ----- | | |
| MICROPRO (CONTINUED) | | |
| WORDSTAR OTHER FORMAT(SPECIFY) | MPO-SO-140 | 265.00 |
| MAILMERGE 8" | MPO-SO-150 | 95.00 |
| MAILMERGE OTHER FORMAT-SPECIFY | MPO-SO-160 | 95.00 |
| SPELLSTAR 8" | MPO-SO-170 | 150.00 |
| SPELLSTAR OTHER FORMAT-SPECIFY | MPO-SO-180 | 150.00 |
| DATASTAR 8" | MPO-SO-190 | 220.00 |
| DATASTAR OTHER FORMAT SPECIFY | MPO-SO-200 | 220.00 |
| SUPERSORT 8" | MPO-SO-210 | 160.00 |
| SUPERSORT OTHER FORMAT SPECIFY | MPO-SO-220 | 160.00 |
| CALCSTAR 8" | MPO-SO-230 | 195.00 |
| CALCSTAR OTHER FORMAT SPECIFY | MPO-SO-240 | 195.00 |
| ----- | | |
| MICROSOFT | | |
| BASIC-80 8" CPM | MSF-SO-170 | 249.00 |
| BASIC-80 OTHER FORMAT SPECIFY | MSF-SO-180 | 249.00 |
| BASIC COMPILER 8" CPM | MSF-SO-190 | 299.00 |
| BASIC COMPILER OTHER SPECIFY | MSF-SO-200 | 299.00 |
| FORTRAN-80 8" CPM | MSF-SO-210 | 359.00 |
| FORTRAN-80 OTHER FORMAT SPECIF | MSF-SO-220 | 359.00 |
| COBOL-80 8" CPM | MSF-SO-230 | 549.00 |
| COBOL-80 OTHER FORMAT SPECIFY | MSF-SO-240 | 549.00 |
| MULTIPLAN 8" | MSF-SO-250 | 209.00 |
| MULTIPLAN OTHER FORMAT SPECIFY | MSF-SO-260 | 209.00 |
| MUMATH/MUSIMP 8" | MSF-SO-270 | 205.00 |
| MUMATH/MUSIMP OTHER FORMAT | MSF-SO-280 | 205.00 |
| MULISP/MUSTAR 8" | MSF-SO-290 | 169.00 |
| MULIST/MUSTAR OTHER FORMAT | MSF-SO-300 | 169.00 |
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| SORCIM | | |
| SUPERCALC 8" CPM | SOR-SO-030 | 189.00 |
| SUPERCALC OTHER FORMAT SPECIFY | SOR-SO-040 | 189.00 |
| PASCAL/M 8" 8080+Z-80 | SOR-SO-050 | 295.00 |
| PASCAL/M 8080+Z-80 OTHER FORMA | SOR-SO-060 | 295.00 |
| PASCAL/M 8" 8088+8086 | SOR-SO-070 | 295.00 |
| PASCAL/M 8088+8086 OTHER SPECI | SOR-SO-080 | 295.00 |
| SPELLGUARD 8" | SOR-SO-090 | 139.00 |
| SPELLGUARD OTHER FORMAT SPECIF | SOR-SO-100 | 139.00 |
| ----- | | |
| MICROFUSION | | |
| TASKMASTER 8" CPM | MFN-SO-010 | 136.00 |
| TASKMASTER OTHER FORMAT | MFN-SO-020 | 136.00 |
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| ASHTON-TATE | | |
| DBASE-II 8" CPM | ASH-SO-050 | 429.00 |
| DBASE-II OTHER FORMAT SPECIFY | ASH-SO-060 | 429.00 |
| ----- | | |
| FOX & GELLER | | |
| DUTIL 8" CPM | FOG-SO-010 | 91.00 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|--------|
| CPM SOFTWARE (CONTINUED) | | |
| FOX & GELLER (CONTINUED) | | |
| DUTIL OTHER FORMAT SPECIFY | FOG-SO-020 | 91.00 |
| QUICKCODE 8" CPM | FOG-SO-030 | 230.00 |
| QUICKCODE OTHER FORMAT SPECIFY | FOG-SO-040 | 230.00 |
| FYI | | |
| SUPERFILE 8" CPM | FYI-SO-010 | 170.00 |
| SUPERFILE OTHER FORMAT SPECIFY | FYI-SO-020 | 170.00 |
| AMERICAN TRAINING INTERNATIONAL | | |
| ATI-DBASE 8" CPM | ATI-SO-050 | 59.00 |
| ATI-DBASE OTHER FORMAT SPECIFY | ATI-SO-060 | 59.00 |
| ATI-CPM 8" | ATI-SO-070 | 59.00 |
| ATI-CPM OTHER FORMAT SPECIFY | ATI-SO-080 | 59.00 |
| ATI-MBASIC 8" CPM | ATI-SO-090 | 59.00 |
| ATI-MBASIC OTHER FORMAT SPECIF | ATI-SO-100 | 59.00 |
| ATI-SCALC 8" CPM | ATI-SO-110 | 59.00 |
| ATI-SCALC OTHER FORMAT SPECIFY | ATI-SO-120 | 59.00 |
| ATI-VCALC 8" CPM | ATI-SO-130 | 59.00 |
| ATI-VCALC OTHER FORMAT SPECIFY | ATI-SO-140 | 59.00 |
| WSMENU 8" CPM | ATI-SO-150 | 39.00 |
| WSMENU OTHER FORMAT SPECIFY | ATI-SO-160 | 39.00 |
| WSCOMMAND 8" CPM | ATI-SO-170 | 39.00 |
| WSCOMMAND OTHER FORMAT SPECIFY | ATI-SO-180 | 39.00 |
| WSPACK 8" CPM | ATI-SO-190 | 68.00 |
| WSPACK OTHER FORMAT SPECIFY | ATI-SO-200 | 68.00 |
| DIGITAL RESEARCH | | |
| MAC 8" | DIG-SO-060 | 82.00 |
| MAC OTHER FORMAT (SPECIFY) | DIG-SO-070 | 82.00 |
| ZSID 8" | DIG-SO-080 | 92.00 |
| ZSID OTHER FORMAT (SPECIFY) | DIG-SO-090 | 92.00 |
| PL/1-E 8" | DIG-SO-100 | 449.00 |
| PL/1-E OTHER FORMAT (SPECIFY) | DIG-SO-110 | 449.00 |
| CB-80 8" | DIG-SO-120 | 437.50 |
| CB-80 OTHER FORMAT (SPECIFY) | DIG-SO-130 | 437.50 |
| PASCAL MT/+ 5.5 8" | DIG-SO-140 | 415.00 |
| PASCAL MT/+ 5.5 OTHER FORMAT | DIG-SO-150 | 415.00 |
| CBASIC2 8" CPM | DIG-SO-160 | 96.00 |
| CBASIC2 OTHER FORMAT SPECIFY | DIG-SO-170 | 96.00 |
| OASIS SYSTEMS | | |
| THE WORD PLUS 8" CPM | OAS-SO-030 | 117.00 |
| THE WORD PLUS OTHER FORMAT | OAS-SO-040 | 117.00 |
| SUPERSOFT | | |
| DISK DOCTOR 8" CPM | SUP-SO-020 | 78.00 |

| ITEM | STOCK NUMBER | PRICE |
|--------------------------------|--------------|--------|
| ----- | | |
| CPM SOFTWARE (CONTINUED) | | |
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| SUPERSOFT (CONTINUED) | | |
| DISK DOCTOR OTHER FORMAT SPEC | SUP-SO-030 | 78.00 |
| DIAGNOSTICS II 8" CPM | SUP-SO-040 | 89.00 |
| DIAGNOSTICS II OTHER FORMAT | SUP-SO-050 | 89.00 |
| "C" COMPILER 8" CPM | SUP-SO-060 | 179.00 |
| "C" COMPILER OTHER FORMAT | SUP-SO-070 | 179.00 |
| SSS FORTRAN 8" CPM | SUP-SO-080 | 209.00 |
| SSS FORTRAN OTHER FORMAT | SUP-SO-090 | 209.00 |
| RATFOR 8" CPM | SUP-SO-100 | 89.00 |
| RATFOR OTHER FORMAT | SUP-SO-110 | 89.00 |
| ----- | | |
| BLAT RESEARCH AND DEVELOPMENT | | |
| BADLIM 8" CPM | BLT-SO-010 | 62.00 |
| BADLIM OTHER FORMAT SPECIFY | BLT-SO-020 | 62.00 |
| ----- | | |
| HAWKEYE GRAFIX | | |
| COMMIX 8" CPM | HWK-SO-010 | 82.50 |
| COMMIX OTHER FORMAT SPECIFY | HWK-SO-015 | 82.50 |
| DISK DIRECTORY 8" CPM | HWK-SO-020 | 74.95 |
| DISK DIRECTORY OTHER FORMAT | HWK-SO-025 | 74.95 |
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| SOHO GROUP | | |
| MATCHMAKER II (NORTHSTAR CPM) | SOH-SO-010 | 99.00 |
| ----- | | |
| CONTINENTAL SOFTWARE | | |
| HOME ACCOUNTANT PLUS 8" | CON-SO-090 | 99.00 |
| HOME ACCOUNTANT PLUS OTHER FMT | CON-SO-100 | 99.00 |
| 1ST CLASS MAIL 8" | CON-SO-110 | 89.00 |
| 1ST CLASS MAIL OTHER FORMAT | CON-SO-120 | 89.00 |
| ----- | | |
| APPLE GAME SOFTWARE | | |
| ----- | | |
| AUTOMATED SIMULATIONS | | |
| STARFLEET ORION | ASM-SA-005 | 20.95 |
| INVASION ORION | ASM-SA-010 | 20.95 |
| TEMPLE OF APSHAI | ASM-SA-015 | 31.35 |
| TUESDAY MORNING QUARTERBACK | ASM-SA-020 | 25.95 |
| CRUSH, CRUMBLE AND CHOMP | ASM-SA-025 | 24.95 |
| THE DRAGON'S EYE | ASM-SA-030 | 20.95 |
| JABBERTALKY | ASM-SA-035 | 23.36 |
| MONSTER MAZE | ASM-SA-040 | 23.36 |
| NEW WORLD | ASM-SA-045 | 23.36 |
| OIL BARONS | ASM-SA-050 | 78.00 |
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| SUBLOGIC SYSTEMS | | |
| FLIGHT SIMULATOR | SUB-SA-010 | 26.61 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|-------|
| ----- | | |
| APPLE GAME SOFTWARE (CONTINUED) | | |
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| SUBLOGIC SYSTEMS (CONTINUED) | | |
| A2-3D1 GRAPHICS PAK | SUB-SA-020 | 99.00 |
| SATURN NAVIGATOR | SUB-SA-030 | 27.26 |
| PINBALL | SUB-SA-040 | 23.36 |
| FRONT LINE | SUB-SA-050 | 23.36 |
| ZENDAR | SUB-SA-060 | 23.36 |
| SPACE VIKINGS | SUB-SA-070 | 40.00 |
| ----- | | |
| STRATEGIC SIMULATIONS INC. | | |
| COMPUTER BISMARCK | SIM-SA-040 | 46.76 |
| SOUTHERN COMMAND | SIM-SA-050 | 46.76 |
| COMPUTER AMBUSH | SIM-SA-060 | 46.76 |
| COMPUTER QUARTERBACK | SIM-SA-070 | 31.16 |
| COMPUTER CONFLICT | SIM-SA-080 | 31.16 |
| COMPUTER AIR COMBAT | SIM-SA-090 | 46.16 |
| THE WARP FACTOR | SIM-SA-100 | 31.16 |
| CARTELS AND CUTTHROATS | SIM-SA-110 | 31.16 |
| TORPEDO FIRE | SIM-SA-120 | 46.76 |
| THE SHATTERED ALLIANCE | SIM-SA-130 | 49.95 |
| TIGERS IN THE SNOW | SIM-SA-140 | 31.16 |
| THE BATTLE OF SHILOH | SIM-SA-150 | 31.16 |
| COMPUTER BASEBALL | SIM-SA-160 | 31.16 |
| OPERATION APOCALYPSE | SIM-SA-170 | 46.76 |
| NAPOLEON CAMPAIGN | SIM-SA-180 | 46.76 |
| PRESIDENT ELECT | SIM-SA-010 | 31.16 |
| S.E.U.I.S. | SIM-SA-190 | 31.16 |
| COSMIC BALLANCE | SIM-SA-020 | 31.16 |
| ----- | | |
| SIRIUS SOFTWARE | | |
| CYBER STRIKE | SRS-SA-010 | 31.16 |
| PHANTOMS FIVE | SRS-SA-020 | 22.00 |
| SPACE EGGS | SRS-SA-030 | 23.36 |
| PULSAR II | SRS-SA-040 | 23.36 |
| SNAKE BYTE | SRS-SA-050 | 31.16 |
| GORGON | SRS-SA-060 | 31.16 |
| SNEAKERS | SRS-SA-070 | 23.36 |
| GAMMA GOBLINS | SRS-SA-080 | 23.36 |
| EPOCH | SRS-SA-090 | 27.26 |
| DARK FOREST | SRS-SA-100 | 23.36 |
| OUTPOST | SRS-SA-110 | 23.36 |
| ORBITRON | SRS-SA-120 | 23.36 |
| BEER RUN | SRS-SA-130 | 23.36 |
| BORG | SRS-SA-140 | 23.36 |
| HADRON | SRS-SA-150 | 27.26 |
| AUTO BAHN | SRS-SA-160 | 23.36 |
| FREEFALL | SRS-SA-170 | 23.36 |
| PASCAL GRAPHICS EDITOR | SRS-SA-180 | 77.95 |
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| BUDGECO | | |
| RASTER BLASTER | BUG-SA-010 | 23.36 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|-------|
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| APPLE GAME SOFTWARE (CONTINUED) | | |
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| BRODERBUND | | |
| GALAXY WARS | BOR-SA-010 | 20.95 |
| ALIEN RAIN | BOR-SA-015 | 20.95 |
| ALIEN TYPHOON | BOR-SA-020 | 20.95 |
| APPLE PANIC | BOR-SA-025 | 23.61 |
| TWALA'S LAST REDDOUBT | BOR-SA-030 | 23.36 |
| MIDNIGHT MAGIC | BOR-SA-035 | 26.91 |
| SPACE QUARKS | BOR-SA-040 | 23.36 |
| SPACE WARRIOR | BOR-SA-045 | 19.46 |
| RED ALERT | BOR-SA-050 | 23.36 |
| GENETIC DRIFT | BOR-SA-055 | 21.38 |
| ARCADE MACHINE | BOR-SA-060 | 42.86 |
| CHOPLIFTER | BOR-SA-065 | 27.26 |
| SEAFOX | BOR-SA-070 | 23.36 |
| THE BANK STREET WRITER | BOR-SA-075 | 46.76 |
| ----- | | |
| DATAMOST | | |
| SNACK ATTACK | DTM-SA-020 | 21.38 |
| COUNTY FAIR | DTM-SA-030 | 21.38 |
| THIEF | DTM-SA-040 | 21.38 |
| SWASHBUCKLER | DTM-SA-050 | 21.38 |
| CASINO | DTM-SA-060 | 31.16 |
| THOROLAIN | DTM-SA-070 | 23.36 |
| VEGAS VIDEO | DTM-SA-080 | 23.36 |
| TUBEWAY | DTM-SA-090 | 27.26 |
| AZTEC | DTM-SA-100 | 31.16 |
| MARS CARS | DTM-SA-110 | 23.36 |
| PIG PEN | DTM-SA-120 | 23.36 |
| ----- | | |
| EDU-WARE | | |
| PERCEPTION PACKAGE | EDW-SA-010 | 19.95 |
| COMPU-READ | EDW-SA-020 | 24.95 |
| STATISTICS | EDW-SA-030 | 21.38 |
| ALGEBRA I | EDW-SA-040 | 28.95 |
| COMPU-MATH ARITHMETIC SKILL | EDW-SA-050 | 34.95 |
| COMPU-MATH FRACTIONS | EDW-SA-060 | 34.95 |
| COMPU-MATH DECIMALS | EDW-SA-070 | 34.95 |
| COMPU-SPELL | EDW-SA-080 | 24.95 |
| SPELLING BEE & READING PRIMER | EDW-SA-090 | 28.53 |
| COUNTING BEE | EDW-SA-100 | 21.95 |
| DATA DISK LEVEL 4 | EDW-SA-110 | 14.25 |
| DATA DISK LEVEL 5 | EDW-SA-120 | 14.25 |
| DATA DISK LEVEL 6 | EDW-SA-130 | 14.25 |
| DATA DISK LEVEL 7 | EDW-SA-140 | 14.25 |
| DATA DISK LEVEL 8 | EDW-SA-150 | 14.25 |
| ALGEBRA I | EDW-SA-160 | 31.16 |
| ALGEBRA II | EDW-SA-170 | 31.16 |
| RENDEZVOUS | EDW-SA-180 | 31.16 |
| PRISONER II | EDW-SA-190 | 25.70 |

| ITEM | STOCK NUMBER | PRICE |
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| APPLE GAME SOFTWARE (CONTINUED) | | |
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| INNOVATIVE DESIGN SOFTWARE INC | | |
| POOL 1.5 | IVS-SA-020 | 27.26 |
| SHUFFLE BOARD | IVS-SA-030 | 23.36 |
| TRICK SHOT | IVS-SA-040 | 31.16 |
| ----- | | |
| INFOCOM | | |
| ZORK I | ICM-SA-010 | 28.00 |
| ZORK II | ICM-SA-020 | 28.00 |
| ZORK III | ICM-SA-030 | 28.00 |
| DEADLINE | ICM-SA-040 | 35.00 |
| STARCROSS | ICM-SA-050 | 28.00 |
| ----- | | |
| HAYDEN | | |
| SARGON II | HYD-SA-010 | 28.95 |
| KAMIKAZE | HYD-SA-020 | 27.26 |
| ----- | | |
| GEBELLI SOFTWARE INC. | | |
| FIREBIRD | GEB-SA-010 | 23.36 |
| ----- | | |
| MUSE SOFTWARE | | |
| ROBOT WARS | MUS-SA-010 | 32.95 |
| THREE MILE ISLAND | MUS-SA-020 | 31.61 |
| A.B.M. | MUS-SA-030 | 19.46 |
| CASTLE WOLFENSTEIN | MUS-SA-040 | 23.36 |
| ----- | | |
| ON-LINE SYSTEMS | | |
| WIZARD & PRINCESS | OLS-SA-070 | 27.26 |
| MISSILE DEFENSE | OLS-SA-080 | 27.26 |
| CRANSTON MANOR | OLS-SA-090 | 25.95 |
| SABOTAGE | OLS-SA-100 | 20.95 |
| SOFT PORN | OLS-SA-110 | 23.36 |
| THRESHOLD | OLS-SA-120 | 31.16 |
| PEGASUS II | OLS-SA-130 | 23.36 |
| ULYSSES & GOLDEN FLEECE | OLS-SA-140 | 25.95 |
| TIME ZONE | OLS-SA-150 | 77.96 |
| CROSSFIRE | OLS-SA-160 | 24.95 |
| MOUSE ATTACK | OLS-SA-170 | 27.26 |
| JAWBREAKER | OLS-SA-180 | 23.36 |
| ULTIMA II | OLS-SA-190 | 46.76 |
| FROGGER | OLS-SA-200 | 27.26 |
| THE ARTIST | OLS-SA-210 | 62.36 |
| CANNONBALL BLITZ | OLS-SA-220 | 27.26 |
| LUNAR LEAPER | OLS-SA-230 | 23.36 |
| CRISIS MOUNTAIN | OLS-SA-240 | 27.26 |
| ----- | | |
| PICADILLY SOFTWARE | | |
| FALCONS | PIC-SA-010 | 23.36 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|-------|
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| APPLE GAME SOFTWARE (CONTINUED) | | |
| ----- | | |
| RIVERBANK SOFTWARE | | |
| GRAND PRIX | RIV-SA-010 | 23.40 |
| ----- | | |
| SIR-TECH | | |
| GALACTIC ATTACK | STH-SA-010 | 23.36 |
| WIZARDRY | STH-SA-020 | 38.95 |
| KNIGHT OF DIAMONDS | STH-SA-030 | 27.26 |
| STARMAZE | STH-SA-040 | 27.26 |
| ----- | | |
| TRS-80 GAME SOFTWARE | | |
| ----- | | |
| ACORN SOFTWARE | | |
| INVADERS FROM SPACE | ACN-ST-030 | 16.50 |
| DUEL-N-DROIDS | ACN-ST-040 | 16.50 |
| PINBALL | ACN-ST-050 | 16.50 |
| PIGSKIN | ACN-ST-060 | 16.50 |
| QUAD | ACN-ST-070 | 16.50 |
| GAMMON CHALLENGER | ACN-ST-080 | 16.50 |
| ----- | | |
| ADVENTURE INTERNATIONAL | | |
| ADVENTURE NO. 1, 2 AND 3 | ADV-ST-020 | 34.95 |
| ADVENTURE NO. 4, 5 AND 6 | ADV-ST-030 | 34.95 |
| ADVENTURE NO. 7, 8 AND 9 | ADV-ST-035 | 34.95 |
| ADVENTURE NO. 10, 11 AND 12 | ADV-ST-050 | 23.61 |
| STONE OF SISYPHUS | ADV-ST-060 | 26.95 |
| MORTON'S FORK | ADV-ST-070 | 23.61 |
| MISSILE ATTACK | ADV-ST-080 | 17.95 |
| Z-CHESS III | ADV-ST-090 | 23.61 |
| SPACE INTRUDERS | ADV-ST-100 | 19.95 |
| ARMORED PATROL | ADV-ST-105 | 19.95 |
| ----- | | |
| AUTOMATED SIMULATIONS | | |
| TEMPLE OF APSHAI | ASM-ST-055 | 31.95 |
| HELLFIRE WARRIOR | ASM-ST-060 | 31.95 |
| STAR WARRIOR | ASM-ST-065 | 31.95 |
| RESCUE AT RIGAL | ASM-ST-070 | 23.36 |
| CRUSH, CRUMBLE AND CHOMP | ASM-ST-075 | 23.36 |
| INVASION ORION | ASM-ST-080 | 19.95 |
| TUESDAY MORNING QUARTERBACK | ASM-ST-085 | 26.95 |
| MONSTER MAZE | ASM-ST-090 | 23.36 |
| NEW WORLD | ASM-ST-095 | 23.36 |
| ----- | | |
| AVALON HILL | | |
| EMPIRE OF THE OVERMIND | AVH-ST-010 | 27.30 |
| DNIPPER RIVER LINE | AVH-ST-015 | 23.40 |
| ----- | | |
| BIG FIVE SOFTWARE | | |
| SUPER NOVA | BFS-ST-010 | 15.95 |

| ITEM | STOCK NUMBER | PRICE |
|----------------------------------|--------------|-------|
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| TRS-80 GAME SOFTWARE (CONTINUED) | | |
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| BIG FIVE SOFTWARE (CONTINUED) | | |
| GALAXY INVASION | BFS-ST-015 | 15.95 |
| ATTACK FORCE | BFS-ST-020 | 15.95 |
| ROBOT ATTACK | BFS-ST-025 | 15.95 |
| DEFENSE COMMAND | BFS-ST-030 | 15.95 |
| COSMIC FIGHTER | BFS-ST-035 | 15.95 |
| STELLAR ESCORT | BFS-ST-040 | 15.95 |
| ----- | | |
| THE CORNSOFT GROUP | | |
| SCARFMAN | CRN-ST-010 | 15.95 |
| FROGGER | CRN-ST-020 | 15.95 |
| ----- | | |
| HAYDEN SOFTWARE | | |
| SARGON II | HYD-ST-030 | 27.26 |
| ----- | | |
| MICROSOFT | | |
| OLYMPIC DECATHLON | MSF-ST-310 | 23.36 |
| ADVENTURE | MSF-ST-320 | 23.36 |
| ----- | | |
| SUBLOGIC SYSTEMS | | |
| FLIGHT SIMULATOR MODEL III | SUB-ST-080 | 28.31 |
| ----- | | |
| INFOCOM | | |
| DEADLINE MODEL I | ICM-ST-060 | 38.00 |
| DEADLINE MODEL III | ICM-ST-070 | 38.00 |
| ----- | | |
| IBM-PC GAME SOFTWARE | | |
| ----- | | |
| INFOCOM | | |
| ZORK I | ICM-SI-100 | 28.00 |
| ZORK II | ICM-SI-110 | 28.00 |
| ZORK III | ICM-SI-120 | 28.00 |
| DEADLINE | ICM-SI-130 | 35.00 |
| STARCROSS | ICM-SI-140 | 28.00 |
| ----- | | |
| AVALON HILL | | |
| GALAXY | AVH-SI-020 | 19.50 |
| MIDWAY CAMPAIGN | AVH-SI-025 | 17.00 |
| ANDROMEDA CONQUEST | AVH-SI-030 | 17.95 |
| B-1 NUCLEAR BOMBER | AVH-SI-035 | 16.00 |
| ----- | | |
| STRATEGIC SIMULATIONS | | |
| THE WARP FACTOR | SIM-SI-030 | 31.16 |

| ITEM | STOCK NUMBER | PRICE |
|----------------------------------|--------------|-------|
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| IBM-PC GAME SOFTWARE (CONTINUED) | | |
| ----- | | |
| ACORN SOFTWARE | | |
| LOST COLONY | ACN-SI-010 | 23.36 |
| CONQUEST | ACN-SI-020 | 23.36 |
| ----- | | |
| SIR-TECH | | |
| GALACTIC ATTACK | STH-SI-050 | 26.32 |
| ----- | | |
| BRODERBUND | | |
| APPLE PANIC | BOR-SI-080 | 23.61 |
| ----- | | |
| ON-LINE SYSTEMS | | |
| CROSSFIRE | OLS-SI-250 | 24.95 |
| FROGGER | OLS-SI-260 | 27.26 |
| ULYSSES AND THE GOLDEN FLEECE | OLS-SI-270 | 30.00 |
| ----- | | |
| VERSACORP | | |
| GRAPHICS HARD COPY SYSTEM | VRS-SI-030 | 19.50 |
| ----- | | |
| AUTOMATED SIMULATIONS | | |
| TEMPLE OF ASPHAI | ASM-SI-100 | 34.95 |
| OIL BARONS | ASM-SI-105 | 78.00 |
| ----- | | |
| MICROSOFT | | |
| FLIGHT SIMULATOR | MSF-SI-330 | 38.95 |
| ----- | | |
| DATAMOST | | |
| PIG PEN | DTM-SI-130 | 23.36 |
| SPACE STRIKE | DTM-SI-140 | 23.36 |
| ----- | | |
| FUNTASTIC | | |
| SCARFMAN | FTT-SI-010 | 30.00 |
| ----- | | |
| ATARI GAME SOFTWARE | | |
| ----- | | |
| AUTOMATED SIMULATIONS | | |
| INVASION ORION | ASM-SR-110 | 17.80 |
| TEMPLE OF APSHAI | ASM-SR-115 | 28.50 |
| DATESTONES OF RYN | ASM-SR-120 | 14.25 |
| RESCUE AT RIGEL | ASM-SR-125 | 21.38 |
| STAR WARRIOR | ASM-SR-130 | 28.50 |
| CRUSH, CRUMBLE AND CHOMP | ASM-SR-135 | 21.35 |
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| AVALON HILL | | |
| EMPIRE OF THE OVERMIND | AVH-SR-040 | 25.93 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|-------|
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| ATARI GAME SOFTWARE (CONTINUED) | | |
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| AVALON HILL (CONTINUED) | | |
| ----- | | |
| GALAXY | AVH-SR-045 | 17.85 |
| CONTROLLER | AVH-SR-050 | 21.40 |
| ----- | | |
| BRODERBUND | | |
| ----- | | |
| APPLE PANIC | BOR-SR-085 | 21.38 |
| CHOPLIFTER | BOR-SR-090 | 24.95 |
| DAVID'S MIDNIGHT MAGIC | BOR-SR-095 | 24.95 |
| STARBLAZER | BOR-SR-100 | 22.55 |
| ----- | | |
| BUDGECO | | |
| ----- | | |
| RASTER BLASTER | BUG-SR-015 | 21.35 |
| ----- | | |
| DATASOFT | | |
| ----- | | |
| CANYON CLIMBER | DSF-SR-060 | 22.55 |
| PACIFIC COAST HIGHWAY | DSF-SR-070 | 22.55 |
| ----- | | |
| EDU-WARE | | |
| ----- | | |
| FRACTIONS | EDW-SR-200 | 28.50 |
| DECIMALS | EDW-SR-210 | 28.50 |
| COMPUREAD | EDW-SR-220 | 21.35 |
| ----- | | |
| INFOCOM | | |
| ----- | | |
| DEADLINE | ICM-SR-150 | 35.65 |
| ZORK I | ICM-SR-160 | 28.50 |
| ZORK II | ICM-SR-170 | 28.50 |
| ZORK III | ICM-SR-180 | 28.50 |
| STARCROSS | ICM-SR-190 | 28.00 |
| ----- | | |
| ON-LINE SYSTEMS | | |
| ----- | | |
| CROSSFIRE | OLS-SR-280 | 21.35 |
| ULYSSES & GOLDEN FLEECE | OLS-SR-290 | 24.95 |
| WIZARD & PRINCESS | OLS-SR-300 | 23.53 |
| MOUSE ATTACK | OLS-SR-310 | 24.95 |
| JAWBREAKER | OLS-SR-320 | 21.35 |
| ULTIMA I | OLS-SR-330 | 28.50 |
| THRESHOLD | OLS-SR-340 | 28.50 |
| SOFTPORN | OLS-SR-350 | 21.35 |
| FROGGER | OLS-SR-360 | 24.95 |
| ----- | | |
| ROKLAN | | |
| ----- | | |
| DELUXE INVADERS | ROK-SR-010 | 27.23 |
| GORF | ROK-SR-020 | 28.50 |
| ANTI-SUB PATROL | ROK-SR-030 | 21.35 |

| ITEM | STOCK NUMBER | PRICE |
|---------------------------------|--------------|--------|
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| ATARI GAME SOFTWARE (CONTINUED) | | |
| ----- | | |
| SIRIUS SOFTWARE | | |
| BANDITS | SIR-SR-190 | 24.95 |
| CYCLOD | SIR-SR-200 | 21.35 |
| SNEAKERS | SIR-SR-210 | 21.35 |
| SPACE EGGS | SIR-SR-220 | 21.35 |
| ----- | | |
| SUBLOGIC SYSTEMS | | |
| BLACK FOREST | SUB-SR-100 | 20.00 |
| SKY RESCUE | SUB-SR-110 | 15.95 |
| ----- | | |
| SYNAPSE SOFTWARE | | |
| DODGERACER | SYN-SR-030 | 24.98 |
| PROTECTOR | SYN-SR-040 | 24.98 |
| SLIME | SYN-SR-050 | 24.98 |
| CHICKEN | SYN-SR-060 | 24.98 |
| CLAIM JUMPER | SYN-SR-070 | 24.98 |
| ----- | | |
| ADVENTURE INTERNATIONAL | | |
| REAR GUARD | ADV-SR-110 | 18.85 |
| PREPPIE | ADV-SR-120 | 22.58 |
| ----- | | |
| ARTWORX | | |
| ROCKET RAIDERS | ATW-SR-010 | 18.95 |
| INTRUDER ALERT | ATW-SR-020 | 16.50 |
| RINGS OF THE EMPIRE | ATW-SR-030 | 16.50 |
| SPACE TRAP | ATW-SR-040 | 14.90 |
| PIOLIT | ATW-SR-050 | 16.50 |
| BRIDGE | ATW-SR-060 | 17.50 |
| HEARTS | ATW-SR-070 | 15.90 |
| VAULTS OF ZURICH | ATW-SR-080 | 20.25 |
| CRANSTON MANOR (TEXT ONLY) | ATW-SR-090 | 19.50 |
| GIGA TREK | ATW-SR-100 | 14.90 |
| ----- | | |
| ATARI | | |
| STAR RAIDERS ROM PACK | ATR-SR-160 | 33.50 |
| MISSILE COMMAND ROM PACK | ATR-SR-170 | 33.50 |
| ASTEROIDS ROM PACK | ATR-SR-180 | 30.00 |
| BASKETBALL ROM PACK | ATR-SR-190 | 32.50 |
| CHESS ROM PACK | ATR-SR-200 | 33.50 |
| PACKMAN | ATR-SR-210 | 33.50 |
| CENTIPEDE | ATR-SR-220 | 33.50 |
| SPACE INVADERS ROM | ATR-SR-230 | 33.50 |
| PILOT HOME PACKAGE ROM | ATR-SR-240 | 121.00 |
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| SUPPLIES | | |
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| ALPHA DISKETTES | | |
| ALPHA DISKETTES BOX OF 10 | ALB-SD-180 | 21.95 |

| ITEM | STOCK NUMBER | PRICE |
|-----------------------------|--------------|-------|
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| SUPPLIES (CONTINUED) | | |
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| VERBATIM DISKETTES | | |
| 525-01 SS/40 | VBT-SD-010 | 26.50 |
| 525-10 SS/40 | VBT-SD-020 | 26.50 |
| 525-16 SS/40 | VBT-SD-030 | 26.50 |
| 550-01 DS/40 | VBT-SD-040 | 44.50 |
| 550-10 DS/40 | VBT-SD-050 | 44.50 |
| 550-16 DS/40 | VBT-SD-060 | 44.50 |
| 577-01 SS/80 | VBT-SD-070 | 34.80 |
| 577-10 SS/80 | VBT-SD-080 | 34.80 |
| 577-16 SS/80 | VBT-SD-090 | 34.80 |
| 557-01 DS/80 | VBT-SD-100 | 45.60 |
| 557-10 DS/80 | VBT-SD-110 | 45.60 |
| 557-16 DS/80 | VBT-SD-120 | 45.60 |
| FD34-9000 | VBT-SD-130 | 36.00 |
| FD34-8000 | VBT-SD-150 | 45.60 |
| FD34-4001 | VBT-SD-170 | 48.60 |
| FD32-9000 | VBT-SD-140 | 36.00 |
| FD32-8000 | VBT-SD-160 | 45.60 |
| ----- | | |
| DYSAN DISKETTES | | |
| 104 | DYS-SD-010 | 44.50 |
| 105 | DYS-SD-020 | 44.50 |
| 107 | DYS-SD-030 | 44.50 |
| ----- | | |
| SCOTCH DISKETTES | | |
| SS/40 SOFT SECTOR | STH-SD-010 | 23.50 |
| DS/40 SOFT SECTOR | STH-SD-020 | 36.50 |
| ----- | | |
| DISKETTE STORAGE | | |
| 5 1/4" PROTECTOR | VBT-SU-200 | 21.95 |
| 8" PROTECTOR | VBT-SU-210 | 24.95 |
| 5 1/4" LIBRARY CASE EACH | SRW-SU-010 | 2.50 |
| 5 1/4" LIBRARY CASE QUAN 10 | SRW-SU-020 | 23.00 |
| 8" LIBRARY CASE EACH | SRW-SU-030 | 6.95 |
| 8" LIBRARY CASE QUAN 10 | SRW-SU-040 | 51.50 |
| BINDER W/10 5 1/4" INSERTS | SIL-SU-010 | 9.95 |
| 10 5 1/4" INSERTS | SIL-SU-020 | 7.50 |
| BINDER W/10 8" INSERTS | SIL-SU-030 | 9.95 |
| 10 8" INSERTS | SIL-SU-040 | 7.50 |
| 5 1/4" DISK BANK EACH | DSK-SU-010 | 5.95 |
| 5 1/4" DISK BANK QUAN 10 | DSK-SU-020 | 55.50 |
| 8" DISK BANK EACH | DSK-SU-030 | 6.95 |
| 8" DISK BANK QUAN 10 | DSK-SU-040 | 64.00 |
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| PRINTER RIBBONS | | |
| EPSON MX-70/MX-80/MX-80 F/T | EPS-SU-200 | 8.95 |
| EPSON MX-100 | EPS-SU-210 | 24.50 |

| ITEM | STOCK NUMBER | PRICE |
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SUPPLIES (CONTINUED)

PRINTER RIBBONS (CONTINUED)

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| OKIDATA 80/82/83/84 | OKI-SU-100 | 2.95 |
| IDS PAPER TIGER 460/560 | IDS-SU-040 | 12.00 |
| NEC 8023 | NEC-SU-255 | 13.95 |
| C. ITOH PROWRITER | CIT-SU-100 | 13.95 |
| TI-810/820 | TII-SU-010 | 3.95 |
| ANADEx 9000/9001/9500/9501 | ANA-SU-060 | 16.95 |
| ANADEx DP-8000 | ANA-SU-070 | 2.95 |
| CENTRONICS 730/737/739 | CEN-SU-010 | 3.95 |
| DIABLO HY-TYPE I CLOTH EACH | DIB-SU-050 | 4.95 |
| DIABLO HY-TYPE I CLOTH 2-5 | DIB-SU-060 | 4.65 |
| DIABLO HY-TYPE I CLOTH 12+ | DIB-SU-070 | 4.25 |
| DIABLO HY-TYPE I FILM EACH | DIB-SU-080 | 4.95 |
| DIABLO HY-TYPE I FILM 2-5 | DIB-SU-090 | 4.65 |
| DIABLO HY-TYPE I FILM 12+ | DIB-SU-100 | 4.25 |
| DIABLO HY-TYPE II CLOTH EACH | DIB-SU-110 | 5.25 |
| DIABLO HY-TYPE II CLOTH 2-5 | DIB-SU-120 | 4.95 |
| DIABLO HY-TYPE II CLOTH 12+ | DIB-SU-130 | 4.55 |
| DIABLO HY-TYPE II FILM EACH | DIB-SU-140 | 5.25 |
| DIABLO HY-TYPE II FILM 2-5 | DIB-SU-150 | 4.95 |
| DIABLO HY-TYPE II FILM 12+ | DIB-SU-160 | 4.55 |
| NEC SPINWRITER CLOTH EACH | NEC-SU-260 | 5.95 |
| NEC SPINWRITER CLOTH 2-5 | NEC-SU-270 | 5.65 |
| NEC SPINWRITER 12+ | NEC-SU-280 | 5.25 |
| NEC SPINWRITER FILM EACH | NEC-SU-290 | 5.95 |
| NEC SPINWRITER FILM 2-5 | NEC-SU-300 | 5.65 |
| NEC SPINWRITER FILM 12+ | NEC-SU-310 | 5.25 |
| QUME SPRINT CLOTH EACH | QUM-SU-010 | 3.95 |
| QUME SPRINT CLOTH 2-5 | QUM-SU-020 | 3.65 |
| QUME SPRINT CLOTH 12+ | QUM-SU-030 | 3.25 |
| QUME SPRINT FILM EACH | QUM-SU-040 | 3.95 |
| QUME SPRINT FILM 2-5 | QUM-SU-050 | 3.65 |
| QUME SPRINT FILM 12+ | QUM-SU-060 | 3.25 |
| C. ITOH STARWRITER CLOTH EACH | CIT-SU-105 | 5.25 |
| C. ITOH STARWRITER CLOTH 2-5 | CIT-SU-110 | 4.95 |
| C. ITOH STARWRITER CLOTH 12+ | CIT-SU-120 | 4.55 |
| C. ITOH STARWRITER FILM EACH | CIT-SU-130 | 5.25 |
| C. ITOH STARWRITER FILM 2-5 | CIT-SU-140 | 4.95 |
| C. ITOH STARWRITER FILM 12+ | CIT-SU-150 | 4.55 |

DIABLO/QUME PRINTWHEELS

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|-------------------------|------|
| PLASTIC PRINTWHEELS 1-5 | 6.50 |
| PLASTIC PRINTWHEELS 6+ | 5.95 |

NEC SPINWRITER THIMBLES

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| SPINWRITER THIMBLES 1-5 | 13.95 |
| SPINWRITER THIMBLES 6+ | 12.49 |

DISKETTE HEAD CLEANER

| | | |
|---------------------|------------|-------|
| 5 1/4" HEAD CLEANER | VBT-SU-180 | 24.95 |
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| ITEM | STOCK NUMBER | PRICE |
|-----------------------------------|--------------|-------|
| SUPPLIES (CONTINUED) | | |
| DISKETTE HEAD CLEANER (CONTINUED) | | |
| 8" HEAD CLEANER | VBT-SU-190 | 24.95 |
| LABELS | | |
| TABULABELS 1000/BOX | AVY-SU-010 | 8.49 |
| TABULABELS 3000/BOX | AVY-SU-020 | 14.95 |
| TABULABELS 5000/BOX | AVY-SU-030 | 19.95 |
| CASSETTE LABELS | AVY-SU-040 | 2.95 |
| 5 1/4" DISK LABELS 100/BOX | AVY-SU-060 | 2.95 |
| 8" DISK LABELS 80/BOX | AVY-SU-050 | 2.95 |
| COMPUTER COVERS | | |
| TRS-80 MOD I KEYBOARD | CCV-SU-010 | 6.95 |
| TRS-80 MODEL I VIDEO MONITOR | CCV-SU-020 | 8.95 |
| TRS-80 MODEL I MONITOR/EI | CCV-SU-030 | 11.95 |
| TRS-80 MODEL I DISK DRIVE | CCV-SU-040 | 4.95 |
| TRS-80 MODEL I DUAL DRIVE | CCV-SU-050 | 7.95 |
| TRS-80 MODEL III COMPUTER | CCV-SU-060 | 14.95 |
| TRS-80 MODEL II COMPUTER | CCV-SU-070 | 22.95 |
| TRS-80 MODEL II KEYBOARD ONLY | CCV-SU-080 | 7.95 |
| TRS-80 COLOR COMPUTER | CCV-SU-090 | 9.95 |
| RADIO SHACK LINE PRINTER III | CCV-SU-100 | 15.95 |
| RADIO SHACK LINE PRINTER IV | CCV-SU-110 | 9.95 |
| TELEVIDEO 910/912/920 | CCV-SU-120 | 12.95 |
| ATARI 800 | CCV-SU-130 | 10.95 |
| ATARI 400 | CCV-SU-140 | 9.95 |
| ATARI 810 | CCV-SU-150 | 5.95 |
| ATARI 825 | CCV-SU-160 | 9.95 |
| NEC SPINWRITER R/O | CCV-SU-170 | 15.95 |
| NEC SPINWRITER KSR | CCV-SU-180 | 15.95 |
| APPLE II KEYBOARD | CCV-SU-190 | 6.95 |
| FULL COVER APPLE II | CCV-SU-200 | 11.95 |
| DISK II (APPLE) | CCV-SU-210 | 4.95 |
| DISK II APPLE II (STACKED) | CCV-SU-220 | 7.95 |
| EPSON MX-80 | CCV-SU-230 | 9.95 |
| EPSON MX-80 F/T | CCV-SU-240 | 9.95 |
| MX-100 | CCV-SU-250 | 13.95 |
| OKIDATA MICROLINE 80 | CCV-SU-260 | 9.95 |
| OKIDATA MICROLINE 82A | CCV-SU-270 | 10.95 |
| OKIDATA MICROLINE 83A | CCV-SU-280 | 13.95 |
| C. ITOH STARWRITER | CCV-SU-290 | 15.95 |
| CENTRONICS 730/737/739 | CCV-SU-300 | 16.95 |
| NEC JB1201 | CCV-SU-310 | 9.95 |
| DIABLO 630 | CCV-SU-320 | 15.95 |
| DIABLO 1600 R/O | CCV-SU-330 | 15.95 |
| DIABLO 1600 KSR | CCV-SU-340 | 15.95 |
| QUME SPRINT 5 R/O | CCV-SU-350 | 15.95 |
| QUME SPRINT 5 KSR | CCV-SU-360 | 15.95 |
| PAPER TIGER 445/460 | CCV-SU-370 | 12.95 |

| ITEM | STOCK NUMBER | PRICE |
|------|--------------|-------|
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SUPPLIES (CONTINUED)

COMPUTER PAPER

| | | |
|-------------------------|------------|-------|
| 9 1/2 X 11 PLAIN WHITE | ALB-SU-190 | 29.00 |
| 9 1/2 X 11 BARRED | ALB-SU-200 | 29.00 |
| 14 7/8 X 11 PLAIN WHITE | ALB-SU-205 | 39.00 |
| 14 7/8 X 11 BARRED | ALB-SU-210 | 39.00 |

LINE ISOLATORS

| | | |
|-------------------|------------|-------|
| 3 SOCKET ISOLATOR | ESP-SU-010 | 54.95 |
| 6 SOCKET ISOLATOR | ESP-SU-020 | 54.95 |

PRINTER STANDS

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|-----------------------|------------|-------|
| MX-80/MX-80 F/T STAND | STD-SU-010 | 19.95 |
| MX-100 STAND | STD-SU-020 | 29.95 |

CALCULATORS

HEWLETT PACKARD CALCULATORS

| | | |
|---------|------------|--------|
| HP-11C | HWP-CA-480 | 115.95 |
| HP-12C | HWP-CA-490 | 128.95 |
| HP-37E | HWP-CA-500 | 64.95 |
| HP-32E | HWP-CA-510 | 46.95 |
| HP-33C | HWP-CA-520 | 76.95 |
| HP-41C | HWP-CA-530 | 211.95 |
| HP-41CV | HWP-CA-540 | 274.95 |

HEWLETT PACKARD HP-41 OPTIONS

| | | |
|-----------------------------|------------|--------|
| HP-82106A | HWP-CA-550 | 27.95 |
| HP-82170A | HWP-CA-560 | 89.00 |
| HP-82181A | HWP-CA-570 | 69.00 |
| HP-82180A | HWP-CA-580 | 69.00 |
| HP-82143A | HWP-CA-590 | 324.95 |
| HP-82160A | HWP-CA-600 | 119.00 |
| HP-82161A | HWP-CA-610 | 419.95 |
| HP STATISTICS PACK | HWP-CA-620 | 29.00 |
| HP MATH PACK | HWP-CA-630 | 29.00 |
| HP REAL ESTATE PACK | HWP-CA-640 | 39.00 |
| HP SURVEYING PACK | HWP-CA-650 | 29.00 |
| HP STRUCTURAL ANALYSIS PACK | HWP-CA-660 | 39.00 |

MONITORS AND TERMINALS

NEC

| | | |
|-----------------------|------------|--------|
| JB-1201M HI-RES GREEN | NEC-MN-230 | 169.00 |
| JC-1202DH HI-RES RGB | NEC-MN-240 | 855.00 |
| JC-1201C HI-RES COLOR | NEC-MN-190 | 399.00 |

SANYO

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|------------------------|------------|--------|
| VM4509 BLACK AND WHITE | SAN-MN-040 | 154.00 |
|------------------------|------------|--------|

| ITEM | STOCK NUMBER | PRICE |
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| MONITORS AND TERMINALS (CONTINUED) | | |
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| SANYO (CONTINUED) | | |
| DM5012CX BLACK AND WHITE | SAN-MN-010 | 198.00 |
| DM5112CX GREEN | SAN-MN-020 | 249.00 |
| DMC6013 COLOR | SAN-MN-030 | 402.00 |
| ----- | | |
| AMDEK | | |
| 13 INCH COLOR | AMD-MN-010 | 365.00 |
| COLOR II HI-RES RGB | AMD-MN-020 | 774.00 |
| RGB/APPLE INTERFACE CARD | AMD-MN-030 | 169.00 |
| ----- | | |
| ELECTROHOME | | |
| HI-RES MONITOR RGB | EMH-MN-010 | 732.00 |
| LO-RES RGB | EMH-MN-020 | 396.00 |
| RGB INTERFACE CARD | EMH-MN-030 | 180.00 |
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| TELEVIDEO | | |
| 910 | TEL-MN-010 | 639.00 |
| 912C | TEL-MN-020 | 792.00 |
| 920C | TEL-MN-030 | 834.00 |
| 925 | TEL-MN-035 | 850.00 |
| 950C | TEL-MN-040 | 995.00 |
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| ADDS | | |
| VIEWPOINT | ADD-MN-010 | 599.00 |
| ----- | | |
| HAZELTINE | | |
| ESPRIT | HAZ-MN-010 | 539.00 |
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| VISUAL | | |
| VISUAL 50 | VIS-MN-010 | 720.00 |
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| USI | | |
| 12" AMBER MONITOR | USI-MN-010 | 165.00 |
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| TAXAN | | |
| 12" AMBER MONITOR | TAX-MN-010 | 165.00 |
| 12" RGB | TAX-MN-020 | 370.00 |
| RGB CABLE FOR IBM | TAX-MN-030 | 18.00 |
| RGB CARD FOR APPLE | TAX-MN-040 | 99.00 |
| ----- | | |
| BMC | | |
| 12" GREEN MONITOR | BMC-MN-010 | 89.00 |

