

EXIDY SYSTEMS

Organized in February 1978 by a management team of pioneers in the personal computer and large computer industry, Exidy Systems commenced delivery of its first Sorcerer® personal computer. The Sorcerer® Computer immediately established new industry standards for price, performance and reliability. The state-of-the-art techniques designed into the original product maintain its competitive edge today!

The System 80 desktop computer represents Exidy Systems entry into the small business computer market. The System 80 stand alone computer was designed to satisfy the application requirements of small business, word processing, data base management, electronic worksheets, scheduling and much more.

The final stage of product evolution has arrived in the form of Multi-Net 80™. A networking system which takes advantage of microcomputer economy while offering large system capability and technology. Because of its modular design, Multi-Net 80™ allows today's budget to purchase tomorrow's computing power. That's evolution in microcomputing from the company that delivers innovation in microcomputing.



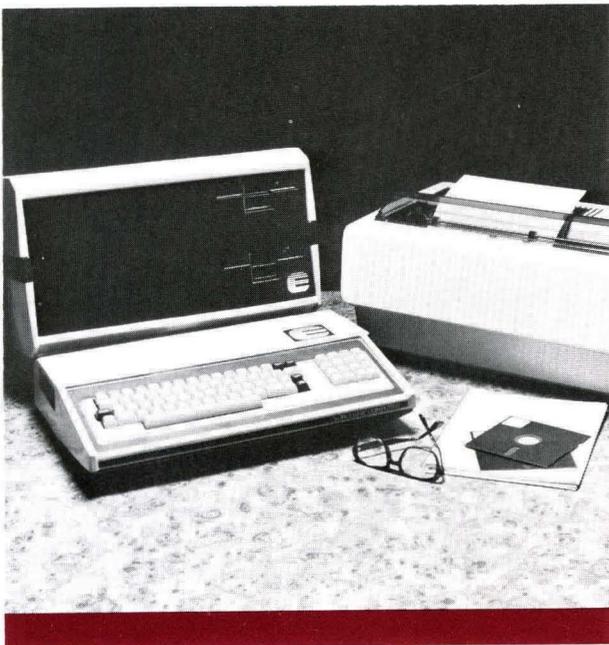
System 80 Desktop Computer

Breaking the price barrier in desktop computing has become the target of every company in the industry, from the very personal to the very large computer manufacturer. Exidy Systems is leading the way with the most modular configuration in the marketplace. Our mass storage and video display can be as inexpensive as your television and a cassette recorder. If style, speed and reliability are a factor our **System 80** desktop configuration is the perfect marriage. The keyboard is detachable from the display and disk storage unit for operator comfort and convenience. The selection of printing units is numerous depending on requirements. We offer the speed of dot matrix, graphic presentations, and letter quality print for professionalism in your printed expression.

The applications are limitless from introductory word processing to sophisticated bookkeeping procedure, all on the same equipment.

The **System 80** desktop computer is a marriage of the sophisticated word processors complete with dictionary to the general office computer with General Ledger, Accounts Receivable, Accounts Payable, Order Entry, Inventory Control and Bill of Material Planning.

One hundred and ninety pages of on line text and 250 word per minute typing are an indication of the office efficiency possible with your **System 80**. If that isn't enough, simply load-in another application for material planning, billing, payroll or whatever. **System 80 from Exidy Systems isn't ahead of its time . . . it's duel!**



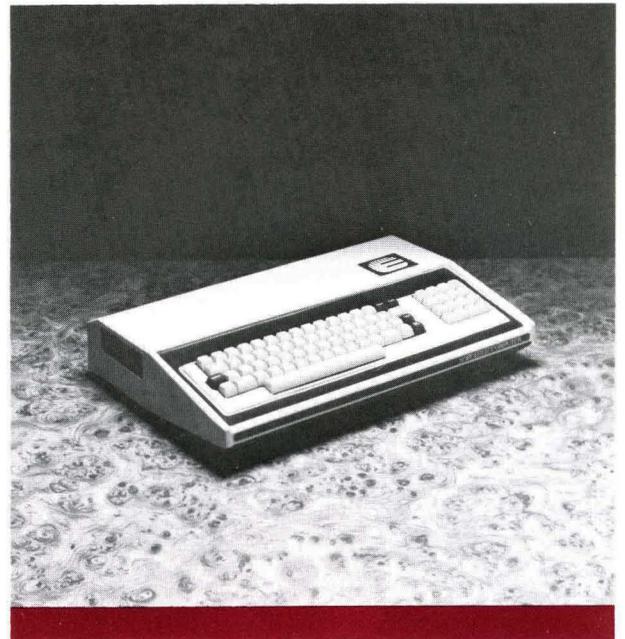
Sorcerer® Computer

The Competitive Edge is applied in practice as well as product. The **Sorcerer® Computer** stands out from its competition because of its time proven state-of-the-art design. More features for less money than any other personal computer in its class and that puts Exidy Systems in a class of its own.

You too can stand out from your competition by applying the efficiency and performance of personal computers to your occupation or lifestyle. You don't mean to be anxious. But you've got big plans for the future and you expect your computer to be flexible enough to keep up. Only one computer system on the market today can do that: the **Sorcerer® Computer**.

The **Sorcerer® Computer** uses the popular Z80 microprocessor as its "Brain Center". Combined with industry standard Microsoft Basic and S-100 bus expansion capability you've got a computer center right at your fingertips. ROM PAC™ cartridges offer turnkey simplicity while dual cassette, hard copy printer and communication electronics are built-in.

The Sorcerer® Computer has all the features and industry compatibility to satisfy your thirst, computer understanding, and growth.



Multi-Net 80™



Upward Compatibility without causing obsolescence is the ultimate achievement accomplished by **Multi-Net 80™**. Your decision to have programs running under industry compatible software was a good one. It gives you protection and a peace of mind that doesn't lock you into a corner. Programming under industry standards allows for transporting between hardware configurations when your growth demands it . . . if your computer company can stand it.

In keeping with Exidy Systems' philosophy to provide upward expandability for its installed base, **Multi-Net 80™** allows for your hardware and software growth.

The **Multi-Net 80™** system consists of a timeshare global module and user modules which are basically single user microcomputers (Z80A based CPU, and 64K RAM memory) which communicate with the global module (via high-speed block transfer) over the system bus (S-100). Each user terminal is connected to a serial port on the user module and not through the system bus, reducing bus contention and operator waiting time.

The **Multi-Net 80™** global processor supports 8" Micropolis Winchester hard disk drives in one to four increments of 35 megabytes each. Floppy disk with 8" IBM compatibility can be configured for hard disk back-up or as the prime storage media. Any of the Exidy Systems printers can be spooled off the global processor.

The **Multi-Net 80™** system bus will accept up to 16 user modules. All user modules are identical and completely

interchangeable. If a single user module were to fail, the **Multi-Net 80™** system would continue to operate.

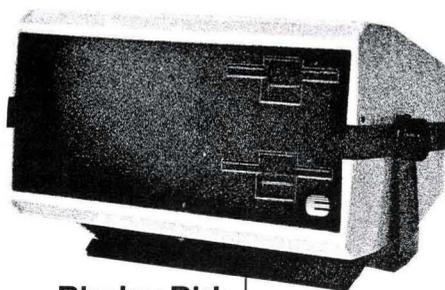
The user terminals can be a Sorcerer® computer with terminal ROM PAC™ or any number of standard terminals. If the user has a **System 80** desktop computer as an intelligent terminal it can be used as a complete stand-alone computer with local peripherals transferring CP/M® compatible data files to the time shared hard disk or communicating to other users.

The **Multi-Net 80™** operating system software consists of MP/M, CP/NET and CP/NOS. The global module is under control of MP/M (the multi-user, multi-tasking version of CP/M). The user module operating system is CP/NOS which is in ROM and is initialized by the global module. CP/NOS is the network version of CP/M and looks to the user exactly like CP/M. CP/NOS supports all applications that are supported by CP/M version 2.2. Network communications between the user modules and the global module are under the control of CP/NET.

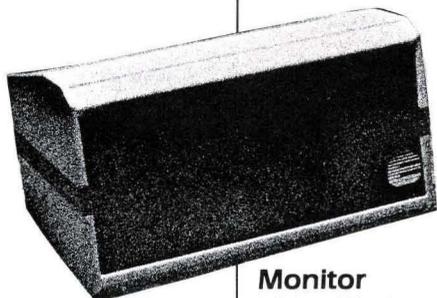
Multi-Net 80™ provides the first time user with an economical entry into the multi-user, multi-tasking environment. It provides the growth path for the single user business system that doesn't invalidate the existing investment in applications software. And best of all it supports the multitude of available CP/M application packages already existing and proven.

The **Multi-Net 80™** provides high performance at a modest investment with a tremendous potential.

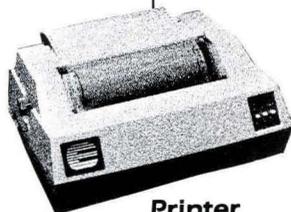
Sorcerer Computer



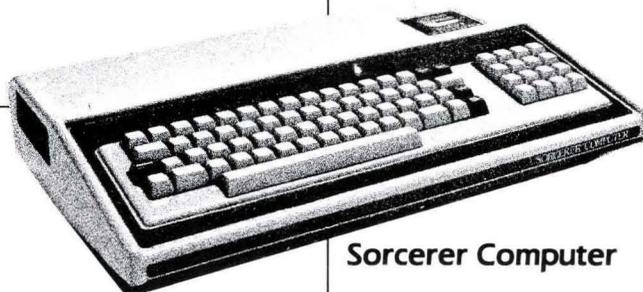
Display Disk



Monitor
Video Display



Printer
Dot Matrix
Daisy Wheel



Sorcerer Computer

ROM PAC

Dual Cassette

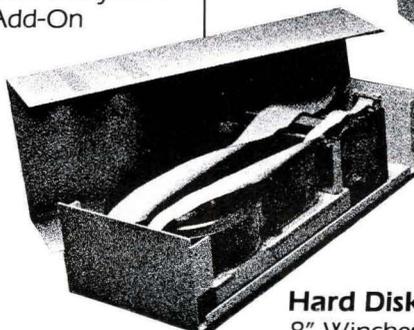
Modem



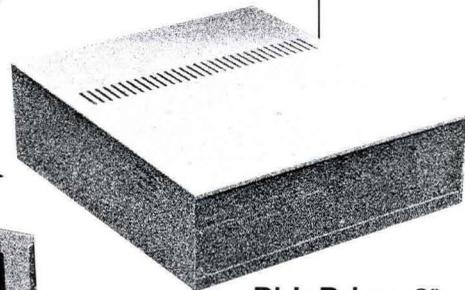
S-100



Disk Drives
Floppy Disk Subsystem
Floppy Add-On



Hard Disk
8" Winchester



Disk Drives 8"

SORCERER COMPUTERS

16K RAM	DP 1000-2
32K RAM	DP 1000-3
48K RAM	DP 1000-4

The Sorcerer Computer is a completely assembled and tested computer system. Standard configuration includes 63-key typewriter-style key-board and 16-key numeric pad, 2.1 MHz Z80 processor, dual cassette I/O with remote computer control at 300 and 1200 baud data rates, RS232 serial I/O for data communications or serial printing, parallel cassette I/O with remote computer control at 300 and 1200 baud data rates, RS232 serial I/O for data communications or serial printing, parallel port for direct hard copy printer attachment, 4K ROM monitor program, composite video of 64 char/line, 30 line/screen, 128 upper/lower case ASCII character set and 128 user defined graphic symbols. Personal Computing manual (DP 5001), cassette and video cables, connection for S-100 bus expansion included.

SORCERER COMPUTER EXPANSION

16K Memory Expansion Kit DP 1001

Component parts and instructions to add-on memory within the Sorcerer computer enclosure. Maximum RAM expansion internally is 48K bytes.

S-100 Expansion Unit DP 1004

A completely self-contained 6-slot chassis styled in the Sorcerer fashion with S-100 translation logic, interconnect cable and S-100 Manual (DP 5004).

S-100 IO Board DP 4004

An S-100 card with complete Sorcerer to S-100 translation logic, for use in any S-100 motherboard. Includes interconnect cable and manual.

Display/S-100 Unit DP 6200

A 12" professional CRT with 20MHz bandwidth. For high resolution and P31 phosphor. A self-contained 5-slot S-100 expansion unit containing power supply, mother board and translation logic.

SORCERER COMPUTER ATTACHMENTS

12" Video Display DP 1005

A 12" professional CRT with 20 MHz bandwidth for high resolution and P31 phosphor styled in the Sorcerer fashion. Connects directly to Sorcerer computer with video cable supplied. Includes Video Display Manual (DP 5005).

Dot Matrix Printer DP 6110
125 cps, 63 lpm, 9x7 dot matrix, bi-directional 40, 66, 80, 132 column printing. 2-way paper entry with variable forms width. 96 ASCII print characters. Parallel interface cable (DP 4003) not included.

Daisy Wheel Printer DP 6120
25 cps, 136 (Pica Pitch) printable columns, bi-directional print capability with Word Processor ROM PAC and Precision Print Option DP 2004 and DP 7221/DP 7272 (not included). 96 ASCII print characters, letter print quality up to 3 copies. Parallel interface cable (DP 4003) not included. Full horizontal (1/120")/vertical (1/48") proportional spacing capability.

Daisy Wheel Printer DP 6130
45 cps, 136 (Pica Pitch) printable columns, bi-directional print capability with Word Processor ROM PAC (DP 2004) and Precision Print Option (DP 7221/DP 7272 not included) only. 96 ASCII print characters, letter print quality up to 3 copies. Parallel interface cable (DP 4003) not included. Full horizontal (1/120")/vertical (1/133") proportional spacing capability.

Graphic Printer DP 6105
80cps, 46LPM for 80 character line, 9 x 9 dot matrix bi-directional 40,66,80, 132 column printing. Adjustable tractor-type pin feed 4" to 10". 96 ASCII characters. Parallel interface cable DP 4003 not included.

Tractor for Daisy Wheel Printer DP 6135
Form Tractor for Daisy Wheel Printer both 25 CPS and 45 CPS.

Display/Disk Unit DP 6300
Dual floppy disk with 616K bytes (Quad Density) of formatted data storage on 5-1/4" diskettes. A 12" CRT display with 20MHz bandwidth and P31 phosphor all housed in a swivel-based enclosure that connects directly to the Sorcerer computer keyboard enclosure. Includes CP/M disk operating system and manuals (DP 7240). Supplied with Operator's manual (DP 5015).

Floppy Disk Subsystem DP 6400
308K formatted bytes (Quad Density) per disk independent interface logic expandable to two drives used 5-1/4" floppy disks, plugs directly into Sorcerer's 50 pin edge connector. Includes CP/M disk operating system and manuals (DP 7240). Supplied with Operator's Manual (DP 5016).

Floppy Disk Add-On DP 6401
308K formatted bytes (Quad Density) per disk, uses 5-1/4" floppy disks. Daisy chains to Floppy Disk Subsystem with cables included (DP 4007).

8" Floppy Disk Subsystem DP 6500
1.2 million formatted bytes (Quad Density) double-sided disk. Controller electronics can support up to four drives in combination which means on-line storage capability ranging to 5 million bytes.

8" Floppy Disk Add-On DP 6501
1.2 million formatted bytes (Quad Density) per drive, uses 8" floppy diskettes. Daisy chains to DP 6500 subsystem with chassis included.

10 Megabyte Winchester Disk Subsystem DP 6600
A complete mass storage subsystem consisting of three main components. A Winchester type hard disk drive with a formatted storage capacity of 10 million bytes, Universal power supply and S-100 controller P.C.B. Cables, cabinet and CP/M 2.2 included.

20 Megabyte Winchester Subsystem DP 6700
A complete mass storage subsystem consisting of three main components. A Winchester type hard disk drive with a formatted storage capacity of 20 million bytes, Universal power supply and S-100 controller P.C.B. Cables, cabinet and CP/M 2.2 included.

Cables

Parallel Data Cable DP 4003

This 25-pin connector connects Sorcerer's parallel interface to the input of a Centronics plug compatible dot matrix or daisy wheel printer, or Exidy's printers DP 6110, DP 6120, or DP 6130. Not included when ordering printers.

Serial/Cassette Data Cable DP 4005

This 25-pin connector cable connects the Sorcerer's serial interface to up to two cassette recorders and to an RS232 device such as Bell 103A compatible modem or a serial interface printer, for example. Not included when ordering Sorcerer computers.

S-100 Expansion Bus Daisy Chain Cable DP 4006

50-pin flat ribbon cable with two card edge connectors and one female socket transition connector. Interfaces the Sorcerer computer to a Floppy or Display Disk (DP 6400 or DP 6300) and the S-100 Expansion Unit (DP 1004) in a daisy chain manner. Not included with any of these products.

Floppy Drive Add-On Cable Assembly DP 4007

34-pin flat ribbon cable interfacing the Floppy Add-on (DP 6401) to the Floppy Disk (DP 6400) and 4-wire power cable interfacing Floppy Add-on to Floppy Disk Drive. Included when ordering Floppy Add-on (DP-6401).

Exidy Systems, Inc.

Exidy Systems, Inc. the price/performance leader in Z80 microcomputer and disk based systems introduces the System 80. With the appropriate software and peripherals available from Exidy Systems, the user has the flexibility and modularity for the most demanding requirements. System 80 (DP 8000) is the entry level system priced under \$5000 and with a wide selection of peripherals and software, the user can create and build his personal system for the most demanding application.

Exidy System 80 DP 8000
Computer, 48K RAM DP 1000-4
Display/Disk DP 6300
CP/M software package DP 7240

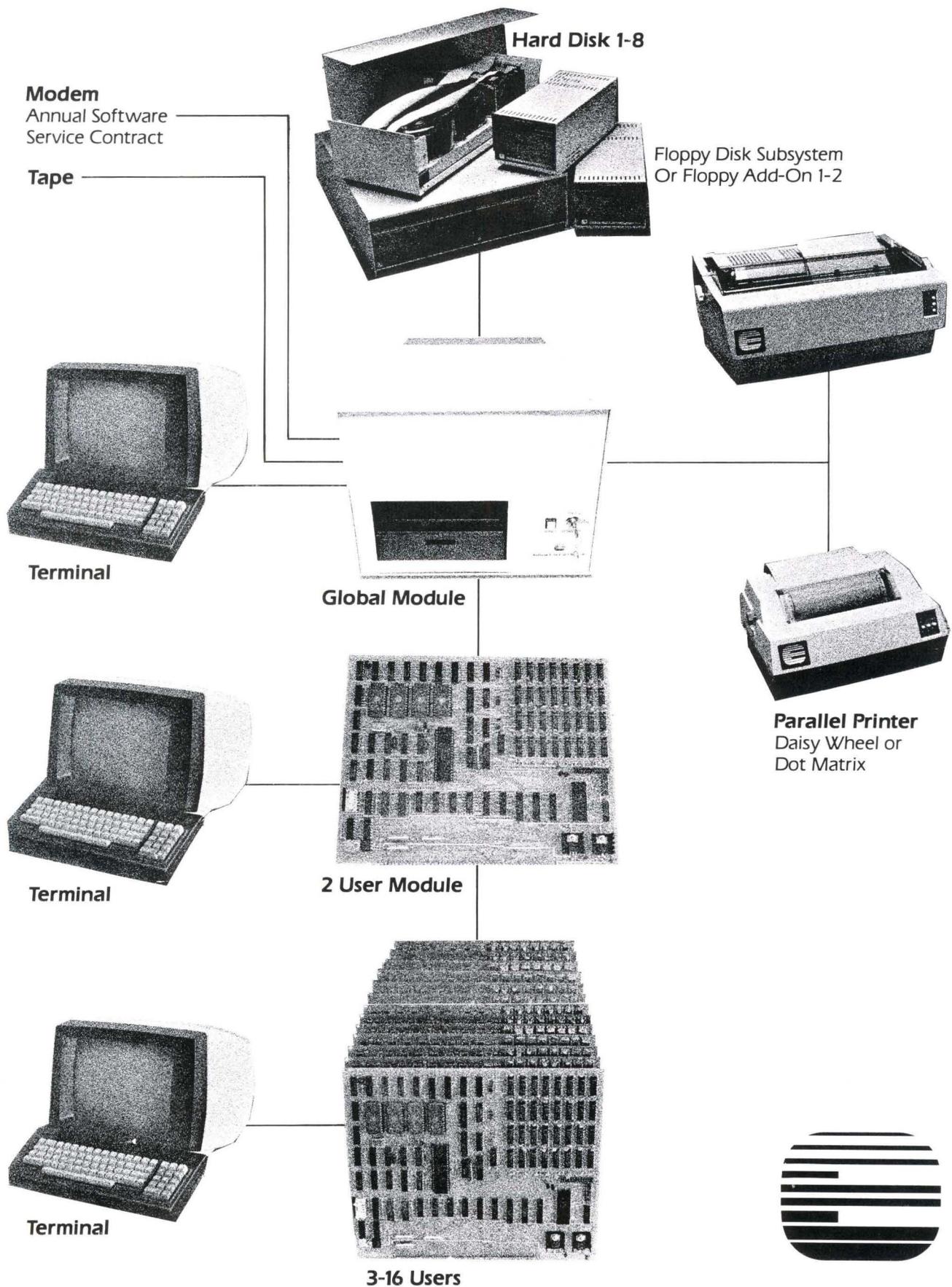
Hardware/Software Options

S-100 Expansion Unit DP 1004
Word Processor PAC DP 2004
Auto Program Load Rom Pac DP 2005
Parallel Data Cable DP 4003
Serial Cassette Cable DP 4005
S-100/Disk Drives Daisy Cable DP 4006
Printer, Dot Matrix DP 6110
Printer, Daisy Wheel (25 cps) DP 6120
Printer Daisy Wheel (45 cps) DP 6130
General Ledger System DP 7001
Accounts Payable DP 7002
Accounts Receivable DP 7003
Inventory Control DP 7004
Payroll/Personnel DP 7005
Order Entry DP 7010
WP Disk Interface DP 7220
WP PAC Precision Print Option DP 7221
Extended Disk BASIC & Conversion Routine DP 7310
FORTRAN DP 7320
COBOL DP 7330
Exidy PASCAL DP 7340

TERMS: First order, COD; Second order and follow-on, terms pending credit verification. All orders accepted and acknowledged on a first come, first served basis. Delivery information available upon request. Quantity pricing determined on a per dollar volume discount. Minimum order \$50.00. F.O.B. Sunnyvale, California.



Multi-Net 80



EXIDY MULTI-NET 80

Exidy Systems, Inc. leader in innovative technology, introduces the Multi-Net 80 System. This system is capable of supporting up to 16 users under distributed processing. Multi-Net 80 provides for a variety of mass storage (8" Floppy Disk or 8" Winchester Hard Disk) and each user has his own CPU and 64K RAM.

Multi-Net 80	This single user system utilizes the Z80 microprocessor and includes 64K RAM. 2 serial and 2 parallel ports, and a 15 slot S-100 bus. CP/M® 2.2 included.	DP 9001
Option 1	Dual eight inch floppy disks, single sided, single or double density, with 512K to 1.024Mb storage capability, including floppy disk controller.	DP 9001-1
Option 2	Dual eight inch floppy disk drives, double sided, single or double density, with 1.024Mb to 2.048Mb of storage, including floppy disk controller.	DP 9001-2
Option 3	A 45Mb high performance Winchester hard disk drive, one eight inch, double sided, single or double density floppy disk drive with 512K to 1.024Mb storage, for back-up. Floppy disk and hard disk controllers included.	DP 9001-3

MULTI-NET 80 HARDWARE OPTIONS

45 Mb Winchester Disk Drive Add-on	The Multi-Net 80 will support up to eight high performance Winchester hard disk drives. Table top or 19" rack mount.	DP 9002
Magnetic Tape Drive Unit	The system will support up to two magnetic tape back-up units. Each tape will back up 10Mb formatted data on 9 tracks with independent file access.	DP 9003
User Module Card	User module cards plug directly into the 15 slot Multi-Net 80 S-100 unit and allow independent processing with their own Z80 CPU, 64K of RAM, 1 serial I/O port, and 1K static FIFO for Z80 block mode transfer.	DP 9004
User Terminal	The user terminal has an 80 by 24 character format, detachable keyboard with 10 key numeric pad and 3 special function keys. Terminal is configurable at 110 to 19,200 baud rate.	DP 9005

SOFTWARE SUPPORT PACKAGES

Multi-Net 80 Operating System	The Multi-Net 80 operating system consists of MP/M, CP/NET and CP/NOS.	DP 9010
Operating System Support Package	This support program provides on-line maintenance of the software operating system for one year and includes modem. This ties the user in directly with the software support house for immediate updates in the program or any changes or patches. This service is non-discountable. Each additional year.	DP 9020 DP 9020-1

The **Multi-Net 80™** operating system software consists of MP/M, CP/NET and CP/NOS. The global module is under control of MP/M (the multi-user, multi-tasking version of CP/M). The user module operating system is CP/NOS which is in ROM and is initialized by the global module. CP/NOS is the network version of CP/M and looks to the user exactly like CP/M. CP/NOS supports all applications that are supported by CP/M version 2.2. Network communications between the user modules and the global module are under the control of CP/NET.

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Exidy Systems, Inc., 1234 Elko Drive, Sunnyvale, California 94086 (408) 734-9831 Telex 172-413
Prices and delivery subject to change without notice. 1981 Exidy Systems, Inc.

COMPETITIVE ANALYSIS



VENDOR MODEL	EXIDY SYS. 80	WANG 5/111	IBM OS6	XEROX 850	LANIER LTE-3	ROYAL 7000
FEATURES/FUNCTIONS						
System Configuration	KB/CRT dual disk	KB/CRT disk drive	KB/CRT desk, disk	KB/CRT disk cons.	KB/CRT disk drive	KB/CRT printer
Memory Size	48K	48K	8K	8K	32K	96K
Storage Media	Dual 77 track 320K/disk	Dual disk 300K/disk	Single disk 300K/disk	Dual disk	Single or dual	Dual diskette
Screen Size	30 X 64	24 X 80	6 X 83	66 X 102	28 X 80	24 X 80
Cursor Positioning	LRUDH FWD-back by char., word sent., paragraph	LRUD	LR Cursor Line	CAT	LRUDH	LRUDH
Right Justification Output	Yes	Yes	Yes	Yes	Yes	Yes
Proportional Justified Spacing	Yes	No	—	—	—	No
Auto Word Wraparound	Yes	Yes	No	Yes	Yes	Yes
Auto Centering	Yes	Yes	Abt. any pt.	Abt. any pt.	Yes	Any qty.
Hyphenation	Soft Firm Hard	Global Semi-auto Adj. hot zone	Scan Adj. hot zone	Scan Adj. hot zone	Manual	Scan Semi-auto Adj. hot zone
Auto Pagination	Yes	Yes	Yes	Yes	Yes	Yes
Auto Page Numbering	Yes	Yes	Yes	6 Posit.	Yes	Yes
Dictionary	Yes	No	No	No	No	No
Save/Insert	up to disk	move	move	Block move	move	1 segment
Column Functions						
Multi-column text display	Yes	Yes	No	—	Yes	Yes
Automatic Repage	Standard	Standard	Standard	Standard	Option	Standard
Widows & Orphans		No	Manual	Yes	Yes	Yes
Headers & Footers		Yes	Yes	Yes	Yes	Yes
Footnote Tie-in		Yes	No	No	Yes	No
Search & Replace	Standard	Standard	Option	Standard	Option	Standard
Interactive	Yes	Yes	Yes	Yes	Yes	Yes
Global	Yes	Yes	Yes	Yes	Yes	Yes
# of characters	66	30	69	64	—	30
# of strings at same time	One	One	One	One	One	One
Automatic Letter Writing/ Merge Variables						
Selective Merge	Yes	No	—	—	Option	Yes
Software Programmable	Yes	Yes	Limited	Limited	Yes	Yes
Upgradable to System with Larger Disk	Yes	Yes	No	to 850	Yes	Yes