

# POWERFUL FEATURES – FULLY INTEGRATED!

## KAYPRO II

### STANDARD HARDWARE

	KAYPRO II	KAYPRO 4	KAYPRO 10
Microprocessor	Z-80 2.5 MHz	Z-80 2.5 MHz	Z-80A 4.0 MHz
RAM	64K	64K	64K
Disk Drives	2 Single-Sided Double-Density	2 Double-Sided Double-Density	1 Double-Sided Double-Density 1 Hard Disk
Capacity (Formatted)	191K Per Drive	392K Per Drive	392K (Floppy Disk) 8.9M (Hard Disk)
Monitor Screen	9" Diagonal 24 Line x 80 Column Green Phosphor	9" Diagonal 24 Line x 80 Column Green Phosphor	9" Diagonal 25 Line x 80 Column Green Phosphor
Business Graphics	—	—	High Resolution 100 x 100 Pixels
Keyboard	Typewriter Style with Numeric Pad	Typewriter Style with Numeric Pad	Typewriter Style with Numeric Pad
Input/Output Connections	1 RS-232C Serial 1 Centronics Parallel	1 RS-232 Serial 1 Centronics Parallel	2 RS-232C Serial 1 Centronics Parallel
F.C.C. Approval	Class B	Class A	Pending
Size	8 1/4" x 18 1/4" x 16 1/4"	8 1/4" x 18 1/4" x 16 1/4"	8 1/4" x 18 1/4" x 16 1/4"
Weight	26 Pounds	26 Pounds	31 Pounds

### STANDARD SOFTWARE

Word Processing	Wordstar® Perfect Writer™	Wordstar® Perfect Writer™	Wordstar® Perfect Writer™
Financial Spreadsheet	Profinet™ Perfect Calc™	Microplan™ Perfect Calc™	Microplan™ Perfect Calc™
Data Base Management	—	—	—
Mailing List	Perfect File™	Perfect File™	Perfect File™
Spelling Checker	The Word Plus™ Perfect Speller™	The Word Plus™ Perfect Speller™	The Word Plus™ Perfect Speller™
Programming Languages	M-Basic™	M-Basic™ C-Basic™ S-Basic™	M-Basic™ C-Basic™ S-Basic™
Modem Communications	—	Superterm™	—
Operating System	CP/M™ 2.2	CP/M™ 2.2	CP/M™ 2.2
Retail Price	<b>\$1595</b>	<b>\$1795</b>	<b>\$2795</b>

KayLink, the HASP Station Emulator, uses standard Kaypro computers with minor hardware changes and a communications software package. It is based on the HASTEM™ program developed by Florida State University Computing Center, distribution and support by Computer Marketing Associates, Inc. KayLink is available as of 11-30-83. KayNet, the Local Area Network, uses standard Kaypro computers, some additional hardware, and a communications software package. KayNet is available as of 11-30-83. Specifications subject to change without notice.

Trademarks:  
Z-80, Zilog, CPM, C-Basic, Digital Research, Inc., Wordstar, MicroPro International, The Word Plus, Qvis Systems, Superterm, S-Basic, Kaypro Corporation, Profinet, Microplan, Chang Laboratories, M-Basic, Microsoft, Inc., Perfect Writer, Perfect Speller, Perfect File, Perfect Calc, Perfect Software, Inc.

Artwork entitled "Futurism" courtesy of Davis Blue Artwork. Artwork entitled "America" courtesy of Thaddeus and Robertson Gallery.

# KAYPRO CORPORATION

## Some Questions and Answers

**Q:** What is Kaypro Corporation's background?

**A:** The evolution of Kaypro Corporation began under the name Non-Linear Systems, Inc., organized in 1953. The company developed the first digital voltmeter and quickly established itself as a leader in the field of electronic test equipment. NLS has been a major supplier of digital voltmeters and ratiometers to large corporations in the aerospace industry.

In 1972, NLS decided to concentrate its efforts on small, consumer-oriented, electronic testing devices. They set up a world-wide network of distributors to provide portable multimeters, oscilloscopes, counters, frequency meters, temperature meters, and digital panel meters.

Now, NLS has used that 30 years of experience to enter the world of computers. The prime thought has been to provide the small business and the family with the best value in a micro-computer. Kaypro Computers have been engineered to exceed the standards we have developed in order to meet the needs of present-day technology.

**Q:** Where can I purchase Kaypro computers?

**A:** Kaypro computers are currently sold through more than 1000 retail dealers throughout the United States. Simply phone **(800) 447-4700** toll free for the name of your nearest authorized Kaypro dealer. He will be happy to answer your questions and demonstrate the numerous capabilities of the Kaypro line.

**Q:** Is Kaypro a public corporation?

**A:** Yes. On August 25, 1983, Kaypro Corporation became a publicly-held company. The stock is currently traded Over-the-Counter under the NASDAQ symbol KAYP.

**Q:** Does Kaypro sell directly to corporations?

**A:** No, corporations will receive maximum service and support by working through their local dealers. However, our Corporate Marketing Group at **(619) 481-3956** can assist you in designing a package to satisfy your data processing needs.

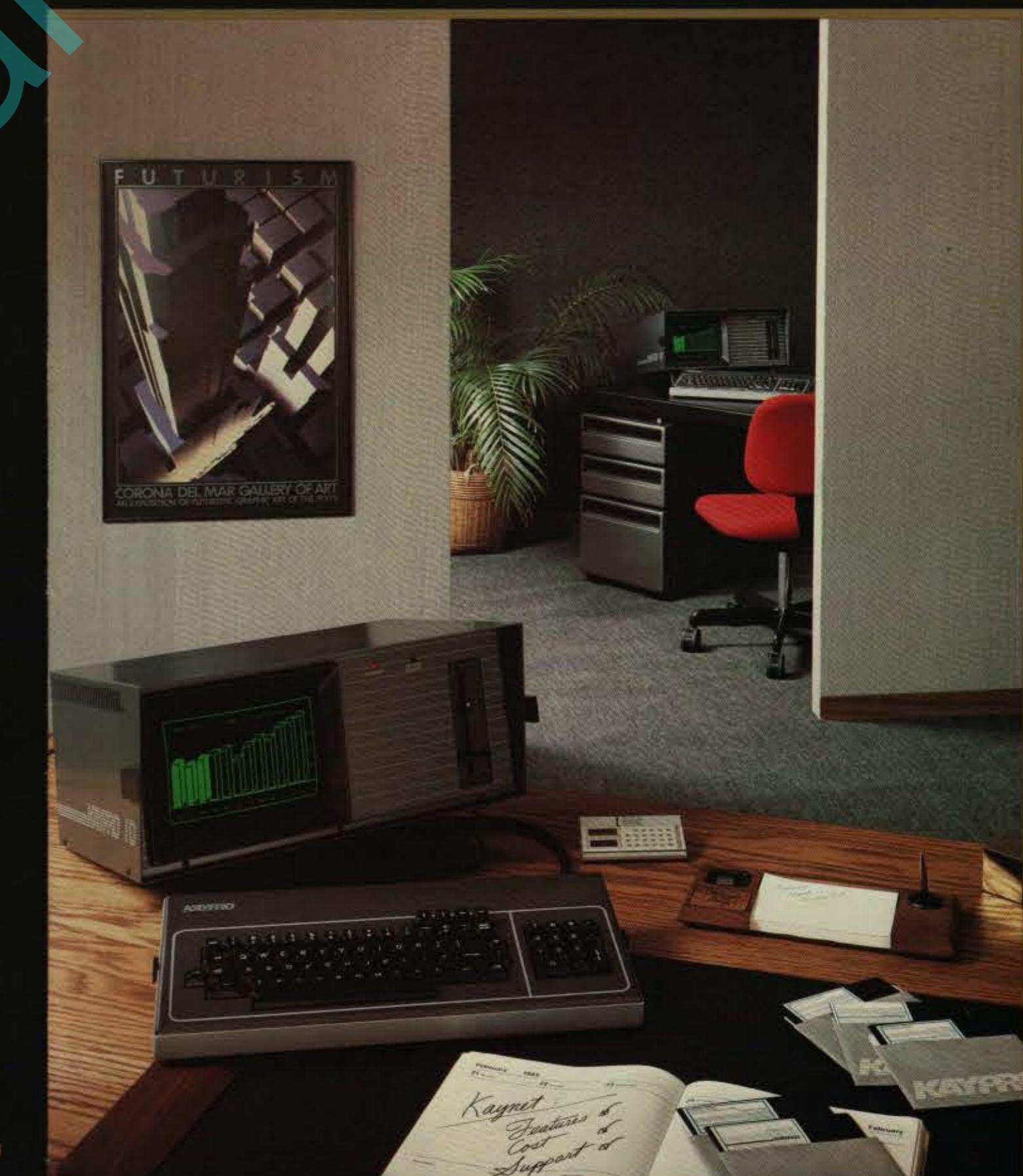
**Q:** Are Kaypro computers available overseas?

**A:** In Europe, contact Kaypro Europe, The Netherlands, at (4402) 71248 or Telex 56026. A complete listing of the world-wide sales network may be obtained through Kaypro International Sales at **(619) 481-3960**.

**Q:** How do I get my Kaypro computer serviced?

**A:** Each Kaypro comes with a full 90-day warranty. Additionally, an extended service policy may be obtained through MAI Sorbus®. Both depot and on-site service is available through the more than 100 locations nationwide.

# KAYPRO, THE COMPLETE BUSINESS COMPUTER



# KAYPRO, READY FOR BUSINESS WITH . . .

# THE SOPHISTICATION REQUIRED BY TODAY'S MODERN OFFICE.

## KAYPRO II, 4, 10... THE COMPLETE COMPUTERS

Presenting the full line of Complete Computers from KAYPRO: the KAYPRO II — personal computing at a most reasonable price. This full-feature workhorse revolutionized the way the industry looked at microcomputers. The KAYPRO 4 — augmenting the best features of the II with double-sided double-density disk drives to store larger amounts of data. And the KAYPRO 10 — a super microcomputer that combines the speed, storage, and power of a ten megabyte hard disk with high resolution graphics capability. Each KAYPRO is a fully-integrated computer system, complete with a package of specially-selected software — nothing to add, no confusing options, no hidden costs. Each KAYPRO is completely portable — ready to go when you are — whether it's home for the weekend or around the world.

### DESIGNED FOR THE PROFESSIONAL

The core of every KAYPRO computer is the popular Z-80™ microprocessor with its full complement of memory — 64K.



RAM: This means that each KAYPRO can access the literally thousands of programs available in the CP/M™ software library. These programs may be stored by utilizing the convenient floppy disk drives integrated into every KAYPRO computer. The economical KAYPRO II provides up to 400,000 bytes of mass storage, the KAYPRO 4 up to 800,000 bytes, while the KAYPRO 10, equipped with a floppy disk drive and a hard disk, stores nearly 10.5 million bytes of information. The large nine-inch monitor with brightness control provides comfortable viewing in every KAYPRO computer. It displays up to 24 lines, each containing 80 characters in sharp, green phosphor clarity — the standard of the industry. KAYPRO's concern for the user continues with a professional quality typewriter-style keyboard, usually found on stand-alone word processors costing thousands of dollars more. It also includes a programmable, 14-key, calculator-style key-pad for easy entry of



statistical data. Each KAYPRO contains the necessary input/output connections for communications over the telephone line and utilization of a variety of printers. In short, the KAYPRO computers are designed with the features and reliability to continue working as long as you do.

### SUPERIOR SOFTWARE — STANDARD

Every KAYPRO computer comes complete with a powerful package of ready-to-run programs for the modern office. These include Word Processing — create, edit, and format reports, correspondence, or any text without constant re-typing. Spelling Checkers — comprehensive dictionary programs to help ensure error-free documents. Electronic Spreadsheets — prepare financial and statistical projections by utilizing "what if" analysis. Data Base Management — maintain a complete mailing list and send form letters to selected names. Programming Languages — learn about computers while writing your own applications software, if you wish. Our concise, complete manuals and training guides provide step-by-step assistance to put your KAYPRO to work — quickly and easily. Finally, don't think that KAYPRO computers are all work and no play. A dozen challenging computer games come with every KAYPRO — we won't tell if you won't!

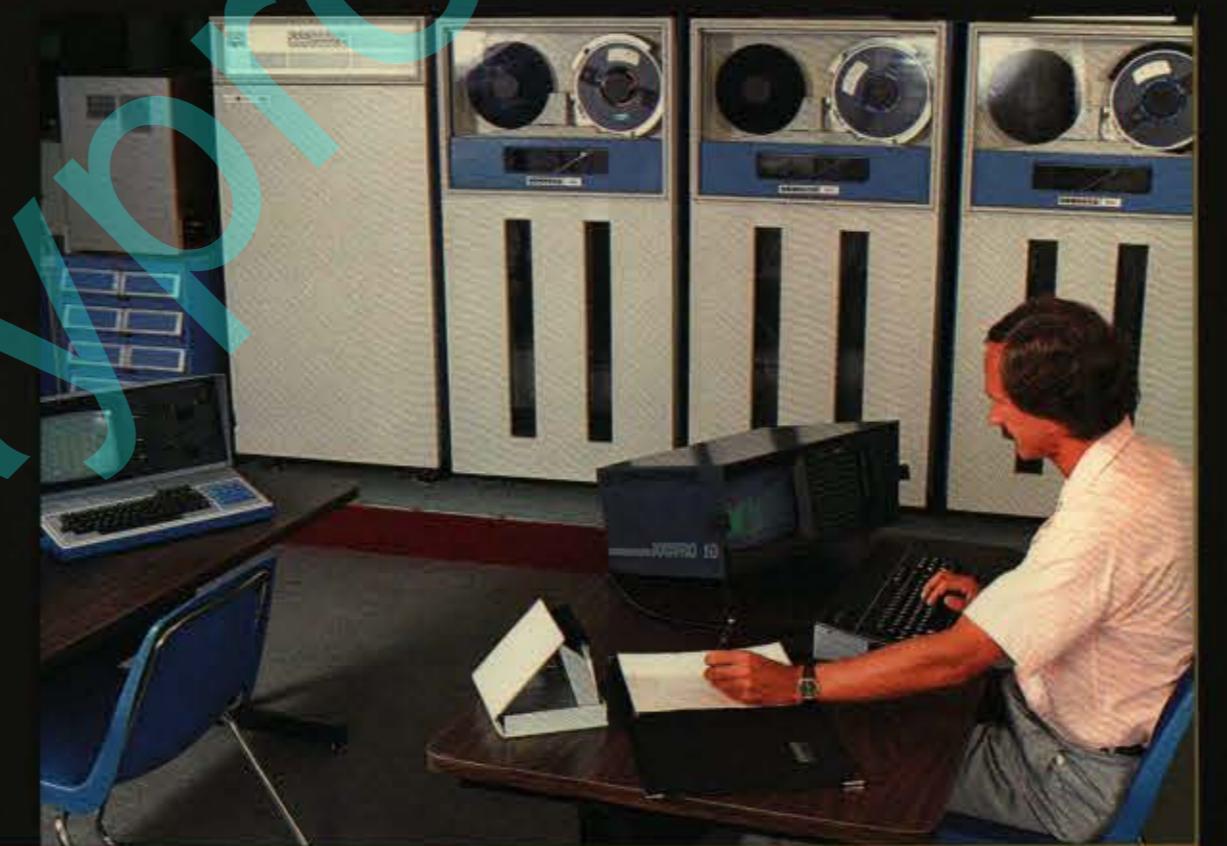


## KAYLINK...THE VITAL LINK TO YOUR MINICOMPUTER/MAINFRAME

KAYPRO manufactures a full line of complete microcomputers exhibiting standard features considered to be options by others. But the crucial question being asked in today's modern office is, "Can these microcomputers communicate with the company's minicomputer or mainframe?" To address this issue, KAYPRO has adopted KayLink — a system that allows KAYPRO computers to share resources and actively communicate with popular minicomputers or mainframes. It permits the user to send and receive both data and program files to or from any machine utilizing the HASP protocol. A protocol is simply a set of rules that computers obey in talking with one another, and HASP (sometimes known as POWER, JES, RES, or JES2) is one of the fastest, safest, and most versatile. This means that KayLink enables the KAYPRO II, 4 or 10 to exchange information with larger computers from companies such as IBM, Cray, Control Data Corporation, Digital Equipment Corporation, Harris, Data General, Tandem, Burroughs, and Modcomp. Just imagine the unlimited possibilities of a system that allows you to load data from the larger company computer down to the KAYPRO, permitting complete portability of information. KayLink is just such a system.

### POWERFUL EASE OF USE

KayLink was carefully designed so that it may be easily operated by both the novice and the experienced user. It is driven by simple menus rather than typed commands and



## KAYNET... THE LOCAL AREA NETWORK

Each computer in the KAYPRO line is a versatile, self-contained unit providing more than enough power to handle the day-to-day business challenges. However, as the demands of the modern office have expanded to include greater access to this kind of power and information, the need for a local area network has become apparent. In response, KAYPRO introduces KayNet — a sophisticated method of interconnecting numerous KAYPRO computers, thus allowing the sharing of resources and information. A practical system may utilize up to 20 KAYPRO II, 4, or 10 computers in virtually any combination, while as many as 60 stations may be feasible. Thus the power of one computer is increased to the cumulative power of all computers attached to the network. Information is transferred between computers connected by up to 1000 feet of standard telephone cable. In this way, the system was designed to maximize reliability and to minimize signal degradation over long distances. From KayNet's perspective, each computer is electronically and functionally identical to every other computer, thus eliminating the centralized weak link phenomenon common to other networks. If one unit in the network fails, there is no disruption and all other units continue to function normally. The unique portability of the KAYPRO computers allows flexibility in the placement of individual stations. Thus, KayNet, through simplicity of design, provides the two key ingredients necessary to a successful local area network — sophisticated features and consistent reliability.

### THE USER: OUR PRIMARY CONCERN

It has been shown that the more transparent the workings of a local area network are to the user, the more he will accept the system as an extension of his own personal environment, resulting in increased productivity. Each KAYPRO in the KayNet system functions primarily as an independent computer, running nearly all conventional CP/M™ programs. When accessing the network, the user may send short messages to any or all stations and alert the receiver(s) with a beep. Longer messages can be sent using a "Mail" command and are automatically stored on the disks of the receiving machines. All confidential information can be protected through the use of a password system. These are just a few of the many features that make KayNet a friendly system, easily controllable by the user.



### A TRULY AFFORDABLE NETWORK

The cost-effective design of the KAYPRO computers permits KayNet to be one of the few truly affordable local area networks. Any KAYPRO may be simply converted to a KayNet station at a minimal incremental cost. Fitting easily within existing office environments, KayNet is less expensive to install and maintain than traditional multiuser minicomputer systems. This makes the KayNet approach to networking comfortably within reach of any company's budget.