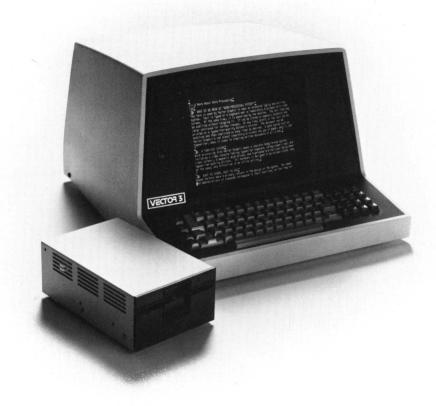**Economy Sized Computers from Vector.**

VIP™

VIP: The Vector Intelligent Partner

Don't Play Games With Your Company's Money

Our entry level computer system was designed as the first step in a full range of business computer products — not as the Last Step in a full range of computer games.

We call it VIP. The Vector Intelligent Partner. And with a suggested retail price of just $3,695, you simply can't get more computer for your money.

VIP has all the assets and none of the liabilities of other entry level systems. For example, it starts off with a lot more disk capacity. And it has the same computational power and uses the same software as our larger systems, so it can be upgraded at any time. You avoid the expense of switching to new hardware and software when you outgrow your current system.

For example, you have the option of Vector's REAL word processing. Or our user-definable data management system. And VIP communicates to time-share services, large computers, or other Vector systems. You can even develop your own software with our standard editor and languages. All exactly the same as our bigger systems, all on the VIP.

And, like our larger systems, the VIP delivers what you really expect from economy-sized machines — efficiency. Because it is designed for quickness and ease of use.

Then, if you need more disk capacity you can add additional disk drives — either the same type or our larger sizes. Because the only difference between VIP and our more expensive systems is the disk drive. Now *that* is unique.

The VIP even handles Vector's standard business accounting packages by simply adding one more disk drive identical to the first.

Obviously, VIP is perfect for salesmen, real estate brokers, insurance agents, small business owners, and department heads in large corporations.

What are *you* waiting for?

The Economy Sized VIP Offers:

☐ **Video console** with a keyboard featuring the feel of an electronic typewriter and a 10-key number pad. Uses Vector's "memory-mapped" video method, allowing the image to change many times faster than the fastest serial terminals. This enables extremely fast, easy-to-use operator-oriented software.

☐ **One quad-density** 5¼-inch diskette drive with 315,000 characters of on-line storage.

☐ **56K** of Random Access Memory.

☐ **Printer interface capability** (one of Vector's own, or one of the many on the market).

☐ **30 cps "dumb" terminal emulation** capability for communication to time-sharing systems over a direct line or using a modem over phone lines.

☐ **CP/M® 2 operating system,** industry compatible, enabling use of most CP/M-compatible software on the system. It offers several features enabling customer-oriented software: printer drivers for many different printer-types, and the ability to jump directly to an application program with one key depression after turning the system on.

☐ **Microsoft BASIC-80**/release 5, one of the fastest and most powerful general purpose languages available. Outstanding features include: 16 digit accuracy, output formatting, error trapping, assembly language calls, random and sequential file access, protected files, variable length records, program chaining, boot directly to applications program, and the ability to protect the source program from end-user viewing, printing, or changing. For speed of programming, it offers program tracing, automatic line numbering and renumbering, and long variable names. To provide increased speed, an optional BASIC compiler is available.

☐ **SCOPE** — a revolution in program editors, using word-processing techniques to the benefit of programmers. Features high through-put (due to memory-mapped video and large text memory), ability to work with unified text-files as large as the disk space available, horizontal scrolling that simulates a 250-character wide screen, and ability to edit any ASCII data file. Used for all CP/M languages.

☐ **RAID** — the full-screen simulating debugger. Comparable with the best development system debuggers, it also offers Vector's unique full-screen status display, showing the whole state of the computer on the screen without having to enter status requests.

☐ **ZSM Z-80 assembler** —using the 8080-superset mnemonics for programmer convenience.

☐ **Extended Systems Monitor** — supplying a number of useful debugging tools stored on PROM.

☐ **Computer electronics** — consisting of high-speed 4 MHz Z-80® processor, on the Vector single board computer with 1K RAM, up to 12K PROM in three slots, programmable parallel ports, and one serial port. 64K Dynamic RAM board with bank select capability. Flashwriter II clean-screen video display board with reverse-video capability, floppy disk drive controller board, and power supply.

☐ **Industry standard S-100** 6-slot motherboard, carefully terminated and grounded to reduce electronic noise.

®CP/M is the registered trademark of Digital Research Inc.

®Z-80 is a registered trademark of Zilog.

Optional Hardware & Software

☐ **Up to 3 additional disk drives** (5¼-inch floppies).

☐ **Vector's two system printers,** choice of one: the typewriter-quality Sprint 3 or the MP matrix printer, or one of the many printers on the market. Vector's own "system printers" are integrated into the computer, using "parallel" interfacing, for greater speed, lower cost and greater reliability.

☐ **Communications** to time-sharing services, other Vector systems, or other computers. More sophisticated communications, including IBM bisynch, and use of the VIP as a "very intelligent terminal" are available from Vector Graphic and third parties.

☐ **Memorite word processing** software —makes the VIP an advanced and uniquely efficient word processor. Memorite's speedy operation results from the use of memory mapped video and storage of working text in memory rather than on disk. This includes mailing-list management and merge with letters.

☐ **The CCA data management** software — enables you to set up, store, change, and draw reports from large bases of data, without knowledge of computer programming.

☐ **Peachtree business accounting** packages, including ready-to-use Accounts Receivable, Accounts Payable, General Ledger, Payroll, and Inventory Management packages. All written in Microsoft Basic for speed, compatibility, and flexibility. (Requires a second disk drive.)

☐ **Standard languages,** including Microsoft FORTRAN, CIS COBOL, PASCAL, and APL.

☐ **Software products** from dozens of major software houses, because the VIP uses the industry-standard CP/M operating system.

☐ **Additional special purpose electronics** available from Vector Graphic and many compatible suppliers.

VIP uses the standard S-100 bus which, like CP/M, offers a large base of support from numerous compatible vendors.

Above specifications are subject to change without notice.

VECTOR
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