POINT 4'S MARK 4E: HIGH-SPEED, 32-PORT BUSINESS COMPUTER SYSTEM

POINT 4 DATA Corporation's MARK 4E has been designed specifically for business applications requiring up to 32 ports. Its attractive space-saving styling will blend with most office environments and it is compatible with software developed for other POINT 4 systems and with software written in Basic Four* Business BASIC and Thoroughbred* BASIC.

FEATURES

- High-speed, 280-Nanosecond Central Processor Unit
- 3.57 MIPS Performance
- 1Mbyte Main Memory, expandable to 2 MBytes
- Peripheral Interface Board with built-in Winchester Disk, Diskette, and Cartridge Tape Streamer Controllers.

(supports up to 3 Winchester Drives)
- 16-Port, RS-232-C Asynchronous DMA Multiplexer, expandable to 32 Ports
- Optional Bisynchronous port
- 86Mbyte to 429 Mbyte (unformatted) 5 1/4-inch Winchester Disk Capacity
- 60 Mbyte 1/4-inch Cartridge Tape Streamer Drive
- Optional 1 Mbyte 5 1/4-inch Diskette Drive
- Attractive, Compact Tower Cabinet
- IRIS*, BLIS/COBOL*, Basic Four Business BASIC and Thoroughbred BASIC support.

OUTSTANDING PERFORMANCE

Incorporating the latest state-of-the-art technology, the

MARK 4E's high-speed processor increases throughput and enhances overall system performance, The system's modular design permits a variety of configurations, time saving serviceability, and fast, easy expandability. The MARK 4E can be installed next to or under an ordinary office desk and occupies less than 2 square feet of floor space.

One outstanding feature of the MARK 4E is that its CPU is capable of a high-speed, 280 nanosecond instruction cycle time, executing over 3 million instructions per second (MIPS). This makes the MARK 4E one of the fastest computers in its class. The 3.57 MIPS capability results in a noticeable increase in throughput and dramatic improvement in overall system performance.
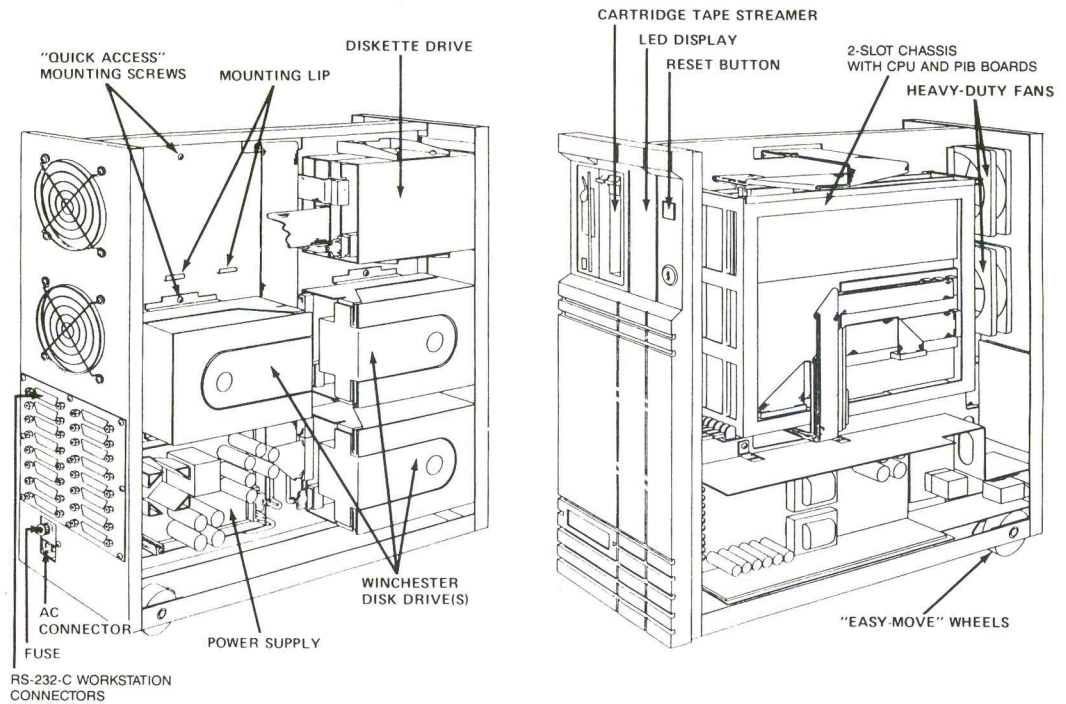
The MARK 4E is just one of POINT 4's family of software compatible business computers. These computers offer the lowest cost-per-user and highest reliability available today.

POWERFUL SOFTWARE

The MARK 4E runs with the IRIS Operating System - proven multi-user software with over 28,000 installations around the world. IRIS provides access to a vast library of readily available application programs.

These programs are written in Business BASIC, an integral part of POINT 4 's IRIS Operating System. It is one of the most popular and easy to use computer languages that has been enhanced for business application use on multi-user systems.

Diagram labels:

"QUICK ACCESS" MOUNTING SCREWS — MOUNTING LIP — DISKETTE DRIVE — CARTRIDGE TAPE STREAMER — LED DISPLAY — RESET BUTTON — 2-SLOT CHASSIS WITH CPU AND PIB BOARDS — HEAVY-DUTY FANS

AC CONNECTOR — FUSE — RS-232-C WORKSTATION CONNECTORS — POWER SUPPLY — WINCHESTER DISK DRIVE(S) — "EASY-MOVE" WHEELS

The MARK 4E also runs applications written in Basic Four Business BASIC and Thoroughbred BASIC and makes use of the powerful IRIS data management facilities designed for business needs.

The MARK 4E also supports the BLIS/COBOL* Operating System. BLIS/COBOL features an ANSI COBOL compiler with virtual memory; multi-user; multi-programming; on-line debugging; spooling subsystem; power/fail restart; and software protection for applications.

SPECIFICATIONS

CPU/MEMORY BOARD
Cycle Time: 280 nsec, 200 nsec ALU
Memory: 1Mbyte, expandable to 2Mbytes

NUMBER OF PORTS
Asynchronous ports: 16, expandable to 32
Bisynchronous port: Optional

MASS STORAGE CAPACITIES
Winchester Disk: 86 Mbytes or 143 Mbytes (unformatted), two additional drives optional, (429 Mbytes Max.)
Cartridge Tape: 60 Mbytes (unformatted)
Diskette Drive: 1 Mbyte (optional)

PHYSICAL DIMENSIONS
Height: 24"
Depth: 22"
Width: 8"
Weight: 70 lbs. Min., 110 lbs. Max.

ENVIRONMENTAL
Temperature Range: 0 to 50 degrees Celsius
Relative Humidity: 10 to 90 percent, noncondensing

POWER
Power Requirements:
  AC Input - 99 to 129 VAC, 6 amps Max., 47 to 64 Hz
  Optional - 199 to 257 VAC, 3 amps Max., 47 to 64 Hz
Power Consumption: 450 watts Max.

POINT 4: RESPONSIVE TO OUR CUSTOMER'S NEEDS

At POINT 4 DATA Corporation, our business is multi-user systems with a personal touch. We design and manufacture computer systems, distribute them through a worldwide network of value-added resellers, and support those resellers with personal service.

POINT 4 computer systems are flexible, cost-efficient, expandable and upward compatible. And we're working for the future, developing new and better products and planning more and better ways to support our customers.

The materials contained herein are intended for general information. Details and specifications concerning the use and operation of POINT 4 Data Corporation's equipment and software are contained in the applicable technical manuals, available through local sales representatives.

15442 Del Amo Avenue, Tustin, CA 92680 • (714) 259-0777 • Telex 4722040P4DC

POINT 4 DATA CORPORATION