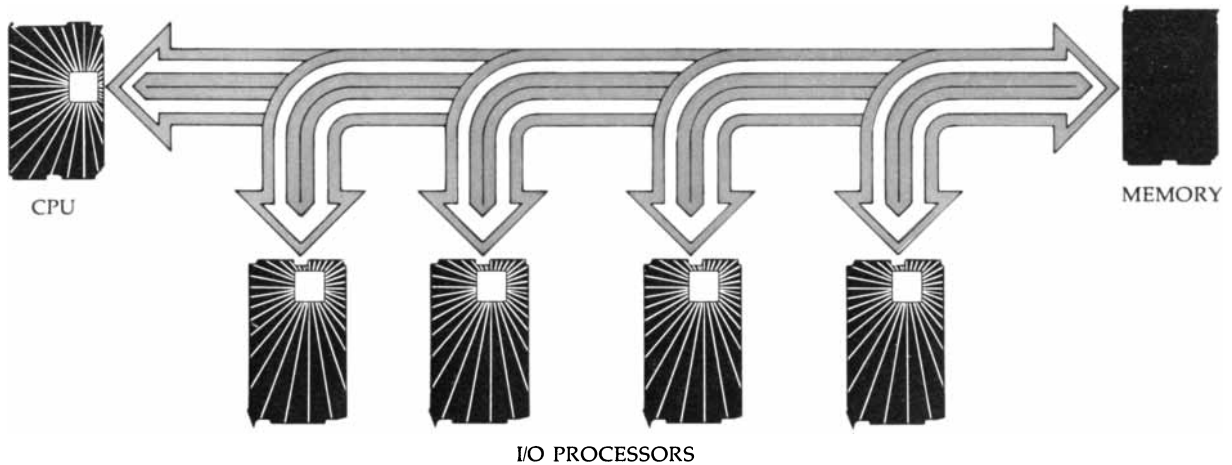


What if you chose HP products to

For example: A new, low-cost series of HP 1000 real-time computers whose "distributed intelligence" architecture commands exceptional I/O performance.



The HP 1000 L-Series is based on two new single-chip custom processors—the result of HP's proprietary CMOS/SOS (silicon on sapphire) large scale integration manufacturing process. CMOS/SOS gives the L-Series the advantages of fast processing speed, small board size, and low power consumption.

One of these SOS processors serves as the L-Series CPU; the other—an input/output processor—is used on every L-Series interface board. The I/O processors relieve the CPU of the time-consuming task of controlling I/O operations, freeing it for its main job of computation. CPU, I/O processors, and memory all communicate with each other over a common bus. This distributed intelligence architecture provides a "multistreamed I/O" capability that gives the L-Series exceptional I/O performance and throughput.

Each I/O processor can monitor and control multiple high- or low-speed direct data transfers to memory without CPU intervention, through a self-configuring or

"chained" direct memory access mode. This reduces interrupt response times, reduces CPU overhead, and simplifies interface design. As a result, an HP 1000 L-Series computer can perform I/O-intensive jobs that computers costing several times as much can't do.

The L-Series provides a powerful,

low-cost entry to the HP 1000 family. Applications developed on the L-Series can easily be expanded on larger HP 1000's.

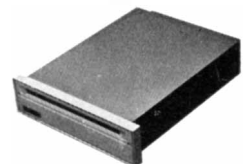
A full set of I/O interfaces, including a Hewlett-Packard Interface Bus, is available to solve most applications; and a set of development tools is available to shorten OEM development time.

L-Series configurations: from board to box to system.

A board-level computer, the HP 2103LK consists of a processor board containing a CPU, time-base generator, and memory protection on a single chip, and a 64k-byte memory board. Price starts at \$2250*.



A rack-mountable computer, the HP 2103L is housed in an enclosure only 5¼ inches (13.3 cm) high, and contains a processor board, 64k bytes of memory, power supply, and eight I/O slots. Price starts at \$4450*.



A complete system, the HP 1000 Model 10 consists of an HP 2103L computer, a CRT terminal, a flexible disc drive, and a 12M-byte Winchester-technology disc. A 36-inch-high cabinet houses the system. Price is \$22,500*.



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and maintain a data base tailored precisely to your data entry and retrieval requirements, even if you have little computer background.

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