

Intel Advanced Systems**New Product Announcement**

AS/6: Intel lost no time in reacting to IBM's announcement of its Model 3031 and 3032 processors, responding almost immediately with its latest Advanced System, the AS/6. This latest model is claimed to provide 3 to 4 times the performance obtained from the previous top-of-the-line system, the AS/5-3. It is also claimed to be capable of 10 to 25 percent greater performance than IBM's new Model 3032 processor while priced just 3 percent higher.

Unlike the earlier members of the Advanced Systems Series which are manufactured by Exsysco, a subsidiary of National Semiconductor, the AS/6 is manufactured in Japan by Hitachi Ltd. and is the first of two such plug-compatible systems that will be marketed by Intel. Intel had been marketing the AS/6 internationally prior to its U.S. introduction. Under the terms of an agreement concluded in June 1977, Intel will market and maintain the Hitachi-manufactured systems in the U.S., Canada, Western Europe, South America, and Australia.

The AS/6 Model 7032 processor features a 72-nanosecond cycle time. Memory is constructed of 4K chips with an access time of 100 nanoseconds and starts at 2 megabytes, expandable to 16 megabytes in 1-megabyte increments. The unit also features 64K bytes of high-speed buffer memory.

The AS/6 I/O subsystem includes two input/output processors, each of which permits attachment of up to eight channels. The basic system package includes six channels: one byte multiplexer, two selectors, and three block multiplexers. An optional two-byte interface is offered for both selector and multiplexer channels.

The basic AS/6 system includes a 7032 CPU with two input/output processors, 2 megabytes of memory, and an operator console. It is purchase-priced at \$1,960,000, and additional 1-megabyte memory increments are priced at \$100,000. Additional channels are priced at \$50,000. Initial deliveries are scheduled for March 1978. □

1,960,000
+ 200,000

2,160,000

(2)