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NCR INTRODUCES MODULAR COMMUNICATIONS WORKSTATION
Inexpensive System Designed For Network Applications

NEW YORK, NY, May 27, 1987 -- An AT-compatible communications workstation designed for network applications and offering significant cost advantages was announced today by NCR Corporation as part of a family of new personal computer products.

NCR said the Incremental Workstation Architecture design of the NCR 3392 Workstation allows users to purchase the system at a low cost and add capabilities to configure the unit for specific work environments.

Introduced with three PC's and an array of communications products, the 3392 Workstation is based on the 80286-10 microprocessor and runs at six or 10 megahertz. It is the second in NCR's line of communications workstations, which also includes the popular 3390 Workstation introduced last year.

"For applications in local area networks and other communications networks, users often need the functionality of a PC but not a full-sized system," said Vernon W. Yates, vice president, NCR Corporation, and general manager of the Personal Computer Division. "The 3392 Workstation is designed to reduce costs and provide extended user flexibility. This workstation provides users with the ability to buy specifically what they need now, and physically expand the unit to accommodate growth for future needs."

The base system of the NCR 3392 Workstation consists of the central processor board and NCR's Personality Card^{TM}, disk drives, power supply and two slots for communications or other expansion cards.

Yates said users can customize the NCR 3392 Workstation by installing an expansion block with two half-size card slots or a file block that can accommodate a 5-1/4 inch flex drive or two more 3-1/2 inch drives. The expansion blocks snap together and do not require tools for installation.

The logic function of the NCR 3392 Workstation uses a functionally modular or "split-card" architecture, isolating the main processor and primary memory segment on an expansion card-sized board. The system's video adapter, disk drive controllers, extended memory and serial and parallel ports are then combined on a Personality Card.

"This design opens the NCR 3392 Workstation to 80386 technology upgrades," Yates said. "Since the processor is on an individual plug-in board, users will be able to exchange the system's 80286 board for one that incorporates 80386 technology."

The basic NCR 3392 Workstation includes 640K random access memory (RAM), an 80287 math coprocessor socket, a Personality Card supporting color or enhanced graphics, a 70-watt power supply, one 5-1/4 inch flex drive, NCR DOS 3.2 operating system, and NCR User Interface and Help facility. The 3392 is available in a diskless model, as well. Users can mount the 3392 Workstation on bookshelves to save space, or use them on desktops, Yates said.

Memory is expandable up to 1MB on the processor board, and up to 16MB using the Personality Card and standard memory expansion boards. Cards containing 1MB or 4MB of memory are available from NCR.

A diskless model lists for $1,974 with CGA; with EGA, $2,174. The basic model, a 5-1/4 inch 1.2MB flex drive, lists for $2,199 with CGA; $2,399 with EGA. A 3392 model with a 20MB fixed drive and CGA support is listed at $2,690. The same model with EGA support is $2,890. All models are expected to be available in the fourth quarter.

Additional two-slot card blocks cost $400. Add-on file blocks with 5-1/4 inch disk drives are priced at $625 with a 360K flex drive and $675 with a 1.2MB flex drive.

File blocks with 3-1/2 inch drives are priced at $590 with a 720K flex drive, $1,115 with a 20MB fixed drive and $1,195 with a 40MB tape back up unit.

All additional blocks with drives include a 70-watt power supply.

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Users can choose either the Standard Keyboard with 10 function keys, the Workstation Keyboard with 12 function keys or the Advanced Keyboard with 30 function keys. A range of monitors is also available from NCR.

NCR Corporation, with headquarters in Dayton, Ohio, develops, manufactures, markets and services business information systems for worldwide markets.

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Personality Card is a trademark of NCR Corporation.

NOTE: All prices are NCR's suggested list prices. Retail prices may vary.