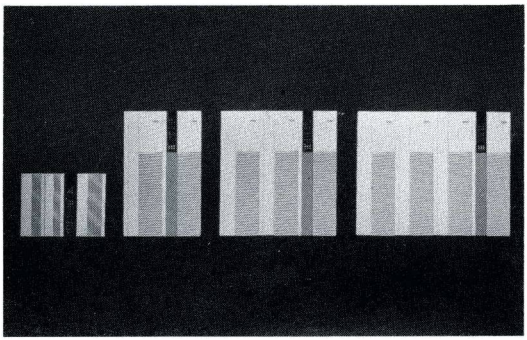
NCR GENERAL PURPOSE SYSTEMS
SYSTEM 10000 FAMILY



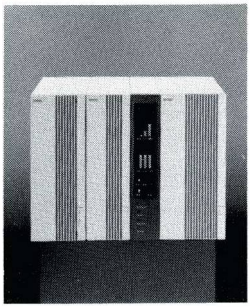
NCR System 10000 is a highly expandable family of technically advanced hardware and integrated software products supported by NCR. NCR has designed this system with the goal of helping to make the end-user, a data processing or business professional, more productive.

The NCR System 10000 is designed for today but with the future in mind. NCR System 10000 is designed with open system architecture, incremental processing, VLSI circuitry, Cooperative Processing and Surface Mount Technology. For networking, the NCR System 10000 supports many features of the major communications protocols such as SNA and OSI. NCR has built upon a foundation of third generation software with the addition of advanced development tools like ORACLE® and CorVision™ to provide an environment for productivity.

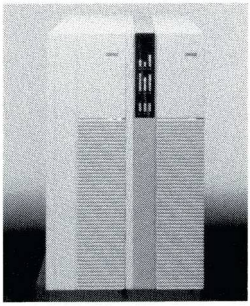
NCR System 10000 is designed to provide an integrated solution to your processing needs whether it be a single stand-alone system or a large network.

Look to the NCR System 10000 for today's solution that can grow and change while your organization grows and changes.

SYSTEM 10000
MODEL 35 AND MODEL 55



Model 35



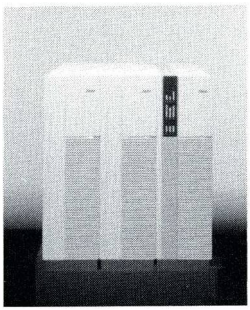
Model 55

NCR System 10000 Model 35 is designed as a satellite system for departmental and distributed processing or for system development. This compact system, with an extremely small footprint, can be placed on a desk or table. With the Model 35, computer power can be placed within each department where it is needed. Departmental processing can be enhanced by the wide range of application software and productivity tools that are available for NCR System 10000.

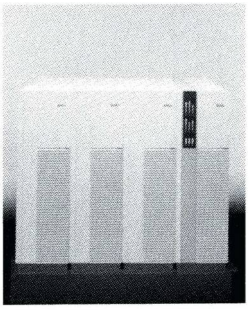
NCR System 10000 Model 55 is designed as the entry-level system in the NCR System 10000 line of processors, and as an effective communications network component. Incremental processing permits upgrading the Model 55 to the Model 65 and on to the Model 75, for flexible in-box growth.

The wide range of application software and productivity tools that are available for NCR System 10000 and the compatibility within the NCR System 10000 line make the Model 55 an excellent choice for use as a base system or as a building block within a network of systems.

SYSTEM 10000 MODEL 65 AND MODEL 75



Model 65



Model 75

NCR System 10000 Model 65 is designed as a midsize system with large system configurability. Incremental processing architecture permits upgrading the Model 65 to a Model 75 and permits the addition of communications and I/O processors.

The wide range of application software and productivity tools that are available for the NCR System 10000 and the compatibility of the NCR System 10000 line make the Model 65 an excellent choice for use as a base system or as a building block within a network of systems.

NCR System 10000 Model 75 is designed to be the high-end processor. It is designed for a large central system environment and provides high-end migration from other I-Series systems. Model 75 can effectively serve as a major node in a large network.

The wide range of application software and productivity tools that are available and the compatibility within the NCR System 10000 line make it an excellent choice as a base system for building a network of systems.

NCR SYSTEM 10000 FAMILY MATRIX

Processors	Model 35	Model 55	Model 65	Model 75
Packaging	13.5"H x 15.5"D x 17.5"W	29"H x 26"D x 16"W	29"H x 26"D x 24"W	29"H x 26"D x 32"W
Standard Configurations	4 Cabinets —Processor Cabinet —Multibus —4 MB Memory —Peripheral Cabinet —Cartridge Tape —135 MB Disk Drive —Power Supply Cabinet —Performance Monitor Cabinet	2 Cabinets —Processor Cabinet —Multibus —4 MB Memory —Power Supply —Performance Monitor —Communication/ Peripheral Cabinet —Cartridge Tape —135 MB Disk Drive	3 Cabinets —Processor Cabinet —Multibus —8 MB Memory —Power Supply —Performance Monitor —Peripheral Cabinet —Cartridge Tape —135 MB Disk Drive —300 MB Disk Drive —Communication Cabinet	4 Cabinets —Processor Cabinet —Multibus —8 MB Memory —Power Supply —Performance Monitor —Base Peripheral Cabinet —Cartridge Tape —135 MB Disk Drive —300 MB Disk Drive —Expansion Peripheral Cabinet —(2) 300 MB Disk Drives —Communication Cabinet
In Box Upgrade	N/A	Model 55 to 65 to 75	Model 65 to Model 75	N/A
32-bit VLSI Technology	ATC, CPC, EAC, MPC, VAC	ATC, CPC, EAC, MPC, VAC	ATC, CPC, EAC, MPC, VAC+	ATC, CPC, EAC, MPC, VAC+ ATC, CPC, EAC, MPC, VAC+
Cycle Time	150 ns	150 ns	110 ns	110 ns
Memory —Minimum —Maximum	 4 MB 4 MB	 4 MB 16 MB	 8 MB 24 MB	 8 MB 32 MB

Incremental Processing Architecture	N/A	—Application Processor	—Application Processor —Communication Processor —I/O Processor	—Communication Processor —I/O Processor
Peripheral Interface	Multibus I —CHAMP —SCSI —RS-232-C	Multibus I —CHAMP —SCSI —RS-232-C	Multibus I —ISM/IOP —SCSI —RS-232-C	Multibus I —ISM/IOP —SCSI —RS-232-C
Line Modules	Quad TTY Dual TTY BMC—Polled Asynchronous —TTY Reverse Channel BMC—Bisync 3270 Tributary —Bisync 2780/3780 DLC In-House Primary DLC Common Carrier Primary DLC Common Carrier Second DLC Async Balanced Mode Autodial	Dual TTY BMC—Polled Asynchronous —TTY Reverse Channel BMC—Bisync 3270 Tributary —Bisync 2780/3780 DLC In-House Primary DLC Common Carrier Primary DLC Common Carrier Second DLC Async Balanced Mode Autodial	Dual TTY BMC—Polled Asynchronous —TTY Reverse Channel BMC—Bisync 3270 Tributary —Bisync 2780/3780 DLC In-House Primary DLC Common Carrier Primary DLC Common Carrier Second DLC Async Balanced Mode Autodial	Dual TTY BMC—Polled Asynchronous —TTY Reverse Channel BMC—Bisync 3270 Tributary —Bisync 2780/3780 DLC In-House Primary DLC Common Carrier Primary DLC Common Carrier Second DLC Async Balanced Mode Autodial
Communication Connectivity	Up to 16 TTY	Up to 198 TTY	Up to 760 TTY	Over 1000 TTY
Disk —Minimum —Maximum	135 MB 675 MB	135 MB 20 GB	435 MB 150 GB	1035 MB 150 GB
Relative Performance	1.0	1.0	1.8	3.6
Operating Software Release When Model Became Available	ITX 6.0	ITX 6.0	ITX 6.0	ITX 6.0
Software Distribution Media	6343 Cartridge Tape	6343 Cartridge Tape	6343 Cartridge Tape	6343 Cartridge Tape