

NCR System 3000/3

In today's changing world, you need an information processing solution that is flexible, expandable and manageable. The NCR System 3000 offers a complete family of information systems designed to meet those needs. As an integral part of that family, the 3550 is built to deliver superior performance, robust functionality, and high availability at an attractive price.

Powerful Performance

Whatever role the flexible 3550 plays in your organization, you expect impressive performance. The 3550 integrates up to eight 50MHz i486 Intel processors in a tightly coupled symmetric multiprocessing architecture. Each processor has 8 KB of internal cache and 256 KB of secondary cache. The system has dual 64-bit system buses controlled by a 25 MHz clock. There are four processors per bus and all memory is accessible by processors on both buses.

In addition, the 3550 supports an 80 MB/second, eight slot internal MicroChannel Architecture-Enhanced (MCA-E) I/O bus and Fast SCSI II for peripheral connection. You can connect over 1000 users in either a direct-connect or networked environment, allowing those users to transparently access data anywhere in the enterprise network.

Superior Reliability

The rapid pace of business today makes us all less tolerable of careless mistakes and unnecessary downtime. The 3550 incorporates several fault resilient features designed to give you outstanding data integrity and system availability. These features include redundant I/O modules, disk mirroring and power fail recovery. Equally important, the 3550 is designed to be fully protected from data loss during a failure.

The 3550 was developed so that service, when it's needed, causes minimal disruption. This is accomplished by designing all system components to be easily replaceable, and by developing repair methods aimed at reducing system downtime.

A System for Today as Well As Tomorrow

The 3550's incremental design promotes cost-effective expansion as requirements dictate. It can grow internally simply by adding processing power, memory, storage and connectivity.

As a general purpose computer in a multi-user environment, or as an enterprise server for mission-critical applications in a client/server environment, the NCR 3550 is designed to give you and your enterprise the competitive edge.

NCR System 3000/3550

SPECIFICATIONS

Processor	i80486
- Speed	50MHz
# of Processors	2-8
- Word length	32/32
- Cache memory	8KB on chip 256KB external
Math coprocessor	on chip
Processor/ Memory Bus	Dual 64 Bit Buses
System I/O Bus	MCA-E
- Transfer Rate	80 MB/s
- Free Bus Slots	8
- Bus Width/ Slot	32 Bit
RAM Memory	Dual Ported, 4-way Interleaved
Min-Max	16MB-256MB
- Error detection	ECC
- "Burst" mode	Yes
SCSI Controller	Synchronous SCSI II
Mass Storage	
- No. of bays	12 full-height*
- No. of Removable Drive bays	4 full-height*
- Internal flex disk	3.5", 1.44MB
- Internal fixed disk	320 MB-13 GB
- External fixed disk	Up to 50 GB
- Internal tape	2.3 GB 4mm DAT
- External tape	525 MB QIC 2,2 GB 8 mm 1/2" reel-to-reel
RS-232 Serial Interface	2
Parallel Interface	1
Keyboard and Mouse Interface	Standard
Super VGA Interface	800x600 Pixel Resolution, color

OPTIONAL I/O FEATURES

- Lan connections	Up to 8
- WAN connections	Up to 8
- Async TTY connections	Up to 1024
Security	Cabinet lock System password Keyboard password
Dimensions	29"H x 17"W x 29"D 737mm x 432mm x 737mm
Weight	340 lbs., 154.5 kg fully configured

* Each full height bay can be configured with two 1/2 height or two 3 1/2" drives

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