

# S46 Super Server

For Branch and Store Automation and Enterprise LAN Applications

***NCR's S46 enhancements and key technologies are designed into the system to deliver faster performance and better reliability to our targeted customers.***

The new NCR S46 server is designed to function as a department file/print, LAN and application server, large branch/store server, or regional server. It is equipped with a variety of features to increase your system availability such as ECC memory, hot plug disk drives, redundant power supplies, and integrated server management hardware and software.

The S46 offers both PCI and Extended Industry Standard Architecture (EISA) and a choice of several leading operating systems. The S46 supports 1-4 Intel® Pentium® Pro processors, dual PCI buses, and on-board dual SCSI buses for faster application and network performance.

By providing internal expandability for up to 6 hot plug disk drives, 2GB of ECC memory, 6 PCI slots, and 4 EISA slots, the S46 provides world-class investment protection for the fastest growing mission-critical applications.



## Features

## Benefits

*Support for 1-4 way SMP environments*

*Provides superior performance and scalability*

*Dual PCI bus*

*Offers maximum I/O performance*

*Hot plug disk storage*

*Improves serviceability and in-box expansion*

*Redundant power supply (optional)*

*Reduces server downtime*

*External RAID support*

*Allows for "out-of-box" disk storage expansion*

*Bundled Microsoft® Windows NTS Server Management Software and NCR Server Manager 5.0*

*Increases server manageability and availability*



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## System Scalability

### Processors

- Supports 1 to 4, 166 MHz or 200 MHz Pentium Pro processors
  - On Board Cache (256KB or 512KB)

### Memory

- Up to 2GB ECC Memory

### I/O

- PCI/EISA Bus Architecture
- 10 I/O slots (6 PCI/4 EISA)
- Dual Channel SCSI-3

### Integrated I/O Controllers

- PCI Ultra-SCSI-3 Interface
- 3.5 inch (1.44MB) flex disk drive

### Internal Disk Storage

- Up to 54GB total internal disk storage
- Supports up to 11 accessible drives (6 Hot Plug)
- 2 GB/4GB/9GB 7200 RPM Ultra Wide SCSI Drives

### Internal Backup Devices

- 11 accessible drives
- Support for:
  - 2GB/4GB/9GB Ultra Wide SCSI hard disk
  - 600MB, 12X CD-ROM
  - 4/8GB DDS-2 DAT Tape
  - 1GB QIC Tape
- Internal/External RAID Support

## High Availability

- Hot pluggable disk drives
- Optional LifeKeeper Switchover (Rel. 2)

## Upgradeability

- The S46 is upgradeable from a uniprocessor server to either a dual or 4-way SMP server.

## Specifications

- Height: 64.8 cm (25.5 in.)
- Width: 38.9 cm (15.3 in.)
- Depth: 69.2 cm (27.2 in.)
- Weight: 40.8 kg (90 lbs.)
- 600 Watt power supply
- Compliance with U.S. and international safety and emissions standards

## Operating Environment

- Operating Systems Supported:
  - Windows NTS 4.0
  - SCO Open Server 3.0
  - SCO Open Server 5.0
  - SCO UnixWare V2.1

## Global Support

- 20,000 service personnel, 1,100 service locations, 130 countries
- 24 hours x 365 days availability

## Warranty

- 1 year on-site service
- Competitive service upgrades available

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