

Things you'll be glad to ignore include: hot-swappable disk drives, power supplies, and upgradable logic board, not to mention practically limitless system expandability.

Status display.

Although system administration tasks can be accomplished from a remote workstation, the LCD status display allows you to monitor the installation process as well as operating system error messages.

Key-controlled access

Both the front and back of the Network Servers 500 and 700 have keylocks that allow you to control the level of security you require.

The rear lock controls access to the two rear drive bays, the logic board, and the PCI cards.

The lockable front door allows you to set three levels of access authorization:

- 1. Open.** Allows removal of the seven front SCSI drives and media such as CD-ROMs and tape cartridges, as well as access to removable power supplies in the base.
- 2. Removable media access only.** This level does not allow removal of storage drives or power supplies, but allows replacement of floppy disks, tape cartridges, and CD-ROMs.
- 3. Closed.** Access door is closed, prohibiting access to storage drives, removable media, and power supplies. The wheels under the enclosure are also lockable to prevent removal of the entire server.



Floppy drive

The 1.4-megabyte floppy disk drive makes it easy to run hardware diagnostics, to install firmware upgrades, and to configure RAID subsystems.

CD-ROM drive

A built-in CD-ROM drive makes it quick and easy to install software, or to serve CD-ROM-based information to desktop computer users.

Tape drive

An **optional** 8-mm tape drive delivers 20 to 40 gigabytes of removable-tape data backup per cartridge, or an **optional** DAT-2 4-mm tape drive delivers 4 to 12 gigabytes of removable-tape data backup.

Hot-swappable drive bays

With the **optional** PCI RAID disk array card, both Network Servers 500 and 700 offer six hot-swappable half-height storage drive bays or three full-height bays.

Better yet, their advanced modular design lets you replace these drives in just seconds—without tools. So upgrades and servicing are a matter of sliding out one drive and sliding in another.

Apple and third-party vendors offer hard disk drives, optical drives, and tape backup systems that fit these bays. So you can easily install multiple tape or CD-ROM drives, or both.

In addition, the Network Server 700 allows the installation of two additional half-height drives in the rear of the enclosure.

Hot-swappable power supplies

The Network Server 700 offers optional redundant power supplies, either of which can be removed and replaced without powering down the unit, *in less than twenty seconds*.



Front

Back

SMP Scalability

Should you need to scale your server to the max, just select a Network Server with two powerful PowerPC processors.



Slide-out, snap-in expandable logic board

Removal of the logic board is remarkably easy.

An experienced but non-technical user can remove and replace a Network Server's logic board in less than one minute. Just unlock and slide open the back panel, unsnap the board from its mounting bracket, and you can set it on a bench for service or upgrades.

Each Network Server comes with a minimum of 32 megabytes of RAM, and adding up to 1 gigabyte of RAM is a simple matter of adding third-party dual in-line memory module (DIMM) kits of up to 256 megabytes each.

You can also easily install up to six PCI cards.

To reinstall the logic board, just snap it back in, slide the back panel shut, and power up your Network Server.

Upgradable processor card

The Network Servers not only allow you to instantly replace the logic board, but also to plug and unplug the processor daughter card so you can upgrade your server's performance as faster CPU cards become available.

Hot-swappable fans

Rear-mounted fans can be replaced in seconds, without service interruption—and without tools.

In the unlikely event that a fan fails at night or in the absence of a replacement, temperature-overload sensors on the logic board initiate a system shutdown, avoiding overheating and further component loss.



Trial software

The Network Servers ship with trial versions of uShare and CanOPI from IPT as well as EtherShare and EtherShare OPI from Helios for file, print, and Open Prepress Interface (OPI) services, and APC Power Chute Plus for power management. Legato Networker is included for backup and recovery.



Overnight delivery

Should you require replacement parts or upgrades, they're just a phone call away. All Apple replacement parts and upgrades are available via overnight express delivery.



A look at the speeds inside

Network Servers 500 and 700 include two built-in Fast/Wide SCSI-2 channels, which deliver internal access speeds of up to 40 megabytes per second to the storage drives. Standard SCSI support for external devices is also included.

Six PCI slots are supported by an internal PCI bus with 132-megabyte-per-second peak throughput.

Looking deeper, the processor-to-second-level cache bus moves information at 400 megabytes per second.

External SCSI port supports up to seven devices

You can add devices such as the Digital Linear Tape (DLT) drive from Quantum, which makes high-speed backups of up to 20 gigabytes per cartridge (uncompressed).

Six internal slots for external expansion

The high-speed internal PCI bus allows you to add up to six PCI cards, including PCI Ethernet, FastEthernet, and FDDI cards, as well as a PCI RAID disk array card. Third-party PCI cards are also available.



(Now that you've read all this, buy one, set it up, and ignore it yourself.)

Network Server 500 & 700