



# Network Server 500 and Network Server 700

The Network Server 500 and Network Server 700 are Apple's fastest, most powerful, reliable, and expandable server solutions for demanding network file, print, database, and Internet applications.

The high-performance Network Servers are based on the 132-megahertz and 150-megahertz PowerPC 604 RISC processors, and the 200-megahertz Power PC 604e RISC processor running the robust AIX operating system for Apple Network Servers.

Designed from the lockable wheels up as highly available, reliable, and secure, the Network Servers offer optional hot-pluggable redundant tray-mounted hard drives that slide in and out of the front storage bays in seconds. These bays provide outstanding storage flexibility because they can hold tray-mounted optical drives, tape drives, and hard drives—in full- or half-height configurations.

The Network Servers are easy to network, with built-in Ethernet support and optional support for up to seven Ethernet segments using Peripheral Component Interconnect (PCI) expansion cards. In addition the Network Servers support Fast Ethernet and FDDI PCI networking cards for high performance.

The Network Server 700 configurations also offer optional hot-pluggable redundant power supplies that easily slide in and out.

Network Servers are designed around industry standards. From the AIX operating system to PCI to SCSI, they're built to fit into your multiplatform network environment. And each features a built-in CD-ROM drive for installing software or serving information to users of networked desktop computers.

In addition, they're designed to be easy to reconfigure and service: Each major component—including the logic board—can be replaced in less than 60 seconds.

Logic boards on both models can be easily upgraded to 512 megabytes of DRAM main memory, and their PowerPC microprocessors are located on upgradable, replaceable processor cards.

Network Servers are easy to expand, with six PCI expansion slots and up to 1 terabyte of total hard drive storage capacity.

The Network Server enclosures offer controlled, key-lockable access to front-mounted hard disk drives, CD-ROM drives, tape drives, and other media.

The most powerful servers Apple has ever built, the industrial-strength Network Servers can meet the needs of the most demanding publishing, education, and technical customers.



# Technical Specifications

## Network Server 500/132

### Microprocessor

- PowerPC 604 RISC microprocessor running at 132 MHz, located on upgradable, replaceable CPU card
- Integrated floating-point unit and 32K level 1 cache memory
- 512K level 2 cache memory

### Memory

- 32MB of error-detecting parity DRAM
- Expandable to up to 512MB of DRAM
- Eight slots for 168-pin, 72-bit, 60ns DIMMs

### Storage

- Support for seven internal SCSI devices
- One CD-ROM drive standard on all configurations
- Optional 8mm tape drive (20GB uncompressed, 40GB compressed)
- DDS-2 DAT drive (4GB uncompressed, up to 12GB compressed) in some configurations
- One Apple SuperDrive 1.44MB floppy disk drive standard on all configurations

### Networking

- Built-in AAUI Ethernet
- Two serial ports
- Support for AppleTalk and TCP/IP networking software

### Displays

- LCD status display for system monitoring
- Support for up to 20-inch Apple displays at 256 colors
- Support for most third-party displays as well as VGA and SVGA monitors

### Display support

- Built-in 1MB DRAM
- Resolutions:
  - 1,024 pixels by 768 pixels
  - 800 pixels by 600 pixels
  - 640 pixels by 480 pixels

### Interfaces

- Six PCI expansion slots
- Two Fast/Wide SCSI-2 channels support seven internal devices
- SCSI-1 channel supports up to seven external devices
- Support for 56 external SCSI devices using optional PCI RAID cards
- AAUI-15 Ethernet connector (requires adapter)
- Standard three-row DB-15 video port for display support (Macintosh Display Adapter included)
- Two DMA DIN-8 serial ports (RS-232/RS-422)
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- 16-bit stereo sound input and output ports

### Drive bays

- Front bays support seven half-height or three full-height (5.25-inch) tray-mounted SCSI devices; SCSI IDs are electronically pre-configured in each bay location
- Top four bays share one (20MB/sec) Fast/Wide SCSI-2 channel
- Bottom three bays share a second (20MB/sec) Fast/Wide SCSI-2 channel

### Operating system sold separately

- AIX for Apple Network Servers version 4.1 includes the following:
  - “Try before you buy” trial software: APC Power Chute Plus; Helios EtherShare, EtherShare OPI, and PCShare; IPT CanOPI and uShare; Legato NetWorker, LDBU, and Macintosh Client Pak
  - Complimentary software includes IPT uShare (1 user)

### Enclosure

- Front and back key-controlled access to all components, including:
  - Three-position translucent locking front door that offers three levels of access. The first level allows full access to seven front SCSI drives and media such as CD-ROMs and tape cartridges. The second level allows removable media access for replacement of floppy disks, tape cartridges, and CD-ROMs, but prohibits removal of storage drives and power supplies. The third level locks the access door closed, and prohibits access to storage drives, removable media, and power supplies.
  - Rear keylock slide-out cabinet access to logic board, processor card, DIMM sockets, and PCI slots (rear keylock powers down system when unlocked)
- Seven tray-mounted SCSI drive bays with hot-plug option
- Locking wheels
- Two hot-pluggable fans
- Speaker
- Security slot (requires a third-party accessory)
- Power cord lock
- Optional 19-inch rack-mount kit

### System administration

- Supports administration at console with AIX system administration tools
- Supports remote administration from a networked Mac OS, Windows, or UNIX software-based computer

### Keyboard and mouse

- Supports ADB keyboards with numeric keypads
- Supports ADB Mouse II

### Clock/calendar

- Custom integrated circuit with long-life lithium battery

### Electrical requirements

- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 325W maximum for power supply (not including monitor)

### PCI power requirements

- Maximum current draw for all PCI cards: 50W

### ADB power requirements

- Maximum current draw for all ADB devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard model used)

### Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- 8mm tape drive operating temperature: 50° to 96° F (10° to 35° C)
- Storage temperature: -40° to 116.6° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

### Size and weight

- Height: 24.5 in. (62.2 cm)
- Width: 16.5 in. (41.9 cm)
- Depth: 18 in. (45.7 cm)
- Weight: 84 to 92 lb. (38 to 41 kg)—varies based on internal devices installed

### Regulatory approval

- FCC Class A
- CE
- VCCI Class One
- UL/CSA

# Technical Specifications

## Network Server 700/150

### Microprocessor

- PowerPC 604 RISC microprocessor running at 150 MHz, located on upgradable, replaceable CPU card
- Integrated floating-point unit and 32K level 1 cache memory
- 1MB level 2 cache memory

### Memory

- 32MB or 48MB of error-detecting parity DRAM
- Expandable to up to 512MB of DRAM
- Eight slots for 168-pin, 72-bit, 60ns DIMMs

### Storage

- Support for nine internal SCSI devices, including two fixed-mount half-height drives
- One CD-ROM drive standard
- Optional 8mm tape drive (20GB uncompressed, 40GB compressed)
- DDS-2 DAT drive (4GB uncompressed, up to 12GB compressed) in some configurations
- One Apple SuperDrive 1.44MB floppy disk drive standard on all configurations

### Networking

- Built-in AAUI Ethernet
- Two serial ports
- Support for AppleTalk and TCP/IP networking software

### Displays

- LCD status display for system monitoring
- Support for up to 20-inch Apple displays at 256 colors
- Support for most third-party displays as well as VGA and SVGA monitors

### Display support

- Built-in 1MB DRAM
- Resolutions:
  - 1,024 pixels by 768 pixels
  - 800 pixels by 600 pixels
  - 640 pixels by 480 pixels

### Interfaces

- Six PCI expansion slots
- Two Fast/Wide SCSI-2 channels support nine internal devices
- SCSI-1 channel supports up to seven external devices
- Support for 56 external SCSI devices using optional PCI RAID cards
- AAUI-15 Ethernet connector (requires adapter)
- Standard three-row DB-15 video port for display support (Macintosh Display Adapter included)
- Two DMA DIN-8 serial ports (RS-232/RS-422)
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- 16-bit stereo sound input and output ports

### Drive bays

- Front bays support seven half-height or three full-height (5.25-inch) tray-mounted SCSI devices; SCSI IDs are electronically pre-configured in each bay location
- Top four front bays share one (20MB/sec) Fast/Wide SCSI-2 channel
- Bottom three front bays share a second (20MB/sec) Fast/Wide SCSI-2 channel
- Two rear fixed-mount bays share the same Fast/Wide SCSI-2 channel (along with the bottom three front bays) and support two half-height disk drives

### Operating system sold separately

- AIX for Apple Network Servers version 4.1 includes the following:
  - "Try before you buy" trial software: APC Power Chute Plus; Helios EtherShare, EtherShare OPI, and PCShare; IPT CanOPI and uShare; Legato NetWorker, LDBU, and Macintosh Client Pak
  - Complimentary software includes IPT uShare (1 user)

## Network Server 700/200

### Microprocessor

- PowerPC 604e RISC microprocessor running at 200 MHz, located on upgradable, replaceable CPU card
- Integrated floating-point unit and 64K level 1 cache memory
- 1MB level 2 cache memory

### Memory

- 48MB of error-detecting parity DRAM
- Expandable to up to 512MB of DRAM
- Eight slots for 168-pin, 72-bit, 60ns DIMMs

### Storage

- Support for nine internal SCSI devices, including two fixed-mount half-height drives
- One 8x-speed CD-ROM drive standard
- Optional 8mm tape drive (20GB uncompressed, 40GB compressed)
- Optional DDS-2 DAT drive (4GB uncompressed, up to 12GB compressed)
- One Apple SuperDrive 1.44MB floppy disk drive standard on all configurations

### Networking

- Built-in AAUI Ethernet
- Two serial ports
- Support for AppleTalk and TCP/IP networking software

### Displays

- LCD status display for system monitoring
- Support for up to 20-inch Apple displays at 256 colors
- Support for most third-party displays as well as VGA and SVGA monitors

### Display support

- Built-in 1MB DRAM
- Resolutions:
  - 1,024 pixels by 768 pixels
  - 800 pixels by 600 pixels
  - 640 pixels by 480 pixels

### Interfaces

- Six PCI expansion slots
- Two Fast/Wide SCSI-2 channels support nine internal devices
- SCSI-1 channel supports up to seven external devices
- Support for 56 external SCSI devices using optional PCI RAID cards
- AAUI-15 Ethernet connector (requires adapter)
- Standard three-row DB-15 video port for display support (Macintosh Display Adapter included)
- Two DMA DIN-8 serial ports (RS-232/RS-422)
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- 16-bit stereo sound input and output ports

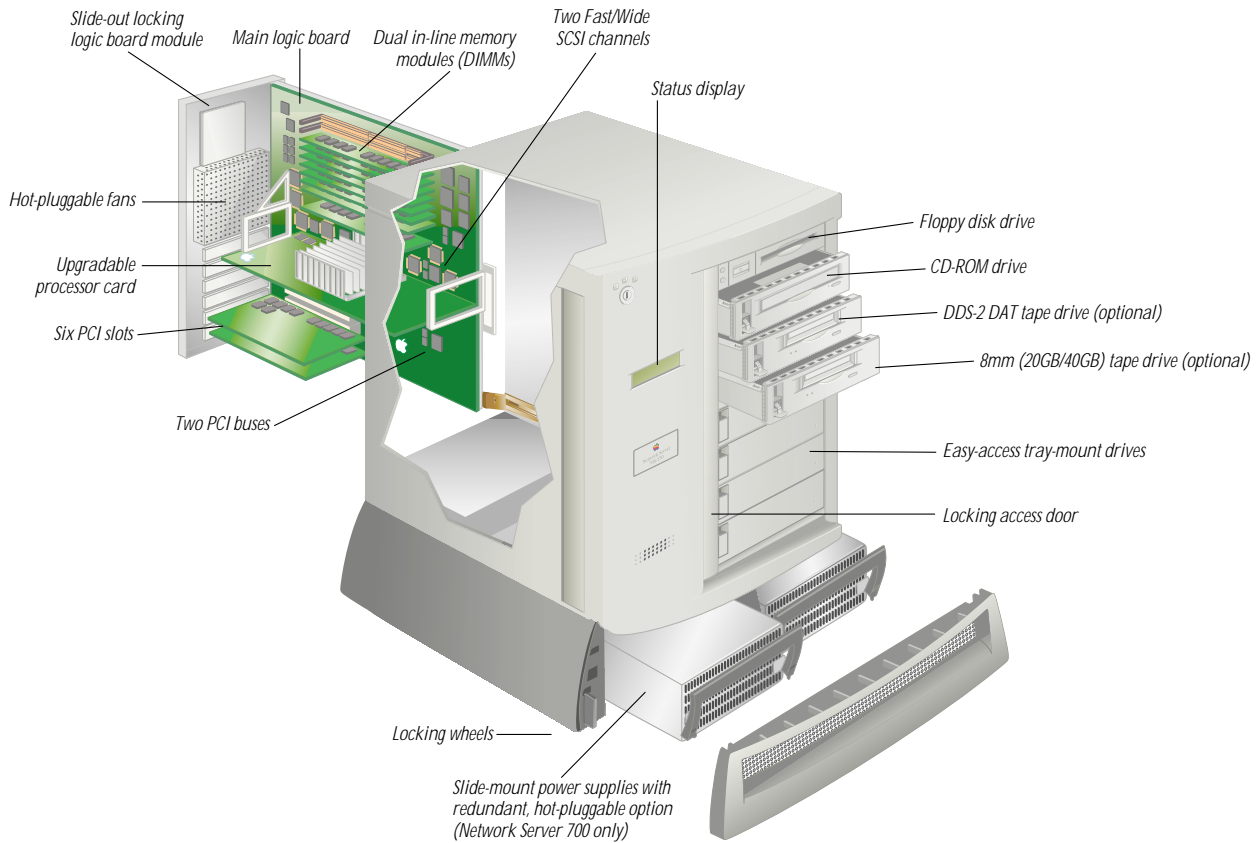
### Drive bays

- Front bays support seven half-height or three full-height (5.25-inch) tray-mounted SCSI devices; SCSI IDs are electronically preconfigured in each bay location
- Top four front bays share one (20MB/sec) Fast/Wide SCSI-2 channel
- Bottom three front bays share a second (20MB/sec) Fast/Wide SCSI-2 channel
- Two rear fixed-mount bays share the same Fast/Wide SCSI-2 channel (along with the bottom three front bays) and support two half-height disk drives

### Operating system sold separately

- AIX for Apple Network Servers version 4.1 includes the following:
  - "Try before you buy" trial software: APC Power Chute Plus; Helios EtherShare, EtherShare OPI, and PCShare; IPT CanOPI and uShare; Legato NetWorker, LDBU, and Macintosh Client Pak
  - Complimentary software includes IPT uShare (1 user)

# Apple Network Server Close-up



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.



An external SCSI-1 port supports up to seven additional 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.

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



Removal of the logic board is remarkably easy.

An experienced but nontechnical 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.



The Network Servers allow you to plug and unplug the processor daughtercard so that you can upgrade your server's performance as faster CPU cards become available.

Also included are two built-in Fast/Wide SCSI-2 channels that deliver internal access speeds of up to 40 megabytes per second to the storage drives. Standard SCSI support for external devices is also included.

Looking deeper, the processor-to-second-level cache bus moves information at 256 megabytes per second.

# Technical Specifications

## Network Server 700/150 and 700/200

### Enclosure

- Front and back key-controlled access to all components, including:
  - Three-position translucent locking front bay door that offers three levels of access. The first level allows full access to seven front SCSI drives and media such as CD-ROMs and tape cartridges, as well as the power supplies. The second level allows removable media access for replacement of floppy disks, tape cartridges, and CD-ROMs, but prohibits removal of storage drives and power supplies. The third level locks the access door closed, and prohibits access to storage drives, removable media, and power supplies.
  - Rear keylock slide-out cabinet access to logic board, processor card, DIMM sockets, and PCI slots (rear keylock powers down system when unlocked)
  - Rear keylock cabinet door for access to two fixed-mount hard drive bays
- Seven tray-mounted SCSI drive bays with hot-plug option
- Two internal fixed-mount disk drives
- Optional hot-pluggable power supplies
- Locking wheels
- Two hot-pluggable fans
- Speaker
- Security slot (requires a third-party accessory)
- Power cord lock
- Optional 19-inch rack-mount kit

### System administration

- Supports administration at console with AIX system administration tools
- Supports remote administration from a networked Mac OS, Windows, or UNIX software-based computer

### Keyboard and mouse

- Supports ADB keyboards with numeric keypads
- Supports ADB Mouse II

### Clock/calendar

- Custom integrated circuit with long-life lithium battery

### Electrical requirements

- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 425W maximum for both main and optional, load-balanced, redundant power supply (not including monitor)

### PCI power requirements

- Maximum current draw for all PCI cards: 90W

### ADB power requirements

- Maximum current draw for all ADB devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard model used)

### Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- 8mm tape drive operating temperature: 50° to 96° F (10° to 35° C)
- Storage temperature: -40° to 116.6° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

### Size and weight

- Height: 24.5 in. (62.2 cm)
- Width: 16.5 in. (41.9 cm)
- Depth: 18 in. (45.7 cm)
- Weight: 84 to 92 lb. (38 to 41 kg)—varies based on internal devices installed

### Regulatory approval

- FCC Class A
- CE
- VCCI Class One
- UL/CSA

## Apple Network Server Product Line Features

### Performance

- 200-MHz PowerPC 604e processor with floating-point unit and 64K on-chip cache on an upgradable, replaceable processor card (model 700/200)
- 150-MHz PowerPC 604 RISC processor with floating-point unit and 32K on-chip cache on an upgradable, replaceable processor card (model 700/150)
- 132-MHz PowerPC 604 RISC processor with floating-point unit and 32K on-chip cache on an upgradable, replaceable processor card (model 500/132)
- Two PCI buses
- Support for up to six PCI Ethernet cards
- Two built-in 20MB/sec Fast/Wide SCSI-2 channels

### Reliability and high availability

- Optional redundant hot-pluggable disk drives
- Optional redundant hot-pluggable power supplies (Model 700 only)
- Two hot-pluggable cooling fans
- Parity memory protection
- Optional third-party uninterruptible power supply (battery backup)

### Expansion and storage

- 32MB or 48MB of main parity memory, expandable to 512MB
- Six PCI slots for expansion cards
- Up to six internal tray-mounted hard disk drives of up to 9GB each, with hot-plug and redundancy option, expandable to up to 1TB; one internal tray-mounted CD-ROM drive standard
- Two internal fixed-mount disk drives (Model 700 only)
- Internal CD-ROM drive standard
- Internal DDS-2 digital audiotape (DAT) drive (some configurations)
- Optional internal 8mm (20GB/40GB) tape drive
- External SCSI-1 bus supports up to seven devices
- Eight ports support a wide range of peripherals

### Networking

- Built-in AAUI Ethernet connector
- Support for PCI Ethernet, PCI Fast Ethernet, and PCI Dual-Attached FDDI cards
- Support for AppleTalk and TCP/IP networking protocols
- Two serial ports

### Enclosure

- Three key-controlled access levels for tray-mounted front drive bays
- Key-controlled access to power supplies
- Key-controlled slide-out module for access to main logic board, processor card, PCI slots, and memory sockets
- Key-controlled rear access to two fixed-mount half-height drives (Model 700 only)
- Locking wheels
- Two hot-pluggable fans
- Optional 19-inch rack-mount kit

### Compatibility

- Binary compatible with thousands of AIX applications

### Service and support

- Includes one-year on-site hardware warranty with second-business-day response
- Includes lifetime 24-hour telephone support for hardware troubleshooting
- Includes 90 days of 24-hour telephone software support
- Offers optional next-business-day, on-site service response plan
- Offers optional 7-day, 24-hour telephone support plan and priority queuing

Ordering Information



# Ordering Information and Accessories

## Network Server Configurations

Network Server 700/200  
(48MB/2x4GB/CD)

Order No. M5173LL/A

- Network Server 700 features a 200-MHz 604e processor with 48MB of parity memory, 1MB level 2 cache, two 4GB Fast/Wide SCSI-2 hard disk drives, internal 8x-speed CD-ROM drive, and 1.4MB Apple SuperDrive floppy disk drive
- Limited one-year hardware warranty

Network Server 700/150  
(48MB/4GB/CD/DAT)

Order No. M3470LL/A

- Network Server 700 features a 150-MHz 604 processor with 48MB of parity memory, 1MB level 2 cache, 4GB Fast/Wide SCSI-2 disk drive, internal quadruple-speed CD-ROM drive, DDS-2 DAT drive, and 1.4MB Apple SuperDrive floppy disk drive
- Limited one-year hardware warranty

Network Server 700/150  
(32MB/1GB/CD)

Order No. M3471LL/A

- Network Server 700 features a 150-MHz 604 processor with 32MB of parity memory, 1MB level 2 cache, 1GB SCSI-2 disk drive, internal quadruple-speed CD-ROM drive, and 1.4MB Apple SuperDrive floppy disk drive
- Limited one-year hardware warranty

Network Server 500/132  
(32MB/2GB/CD/DAT)

Order No. M3468LL/A

- Network Server 500 features a 132-MHz 604 processor with 32MB of parity memory, 512K level 2 cache, 2GB Fast/Wide SCSI-2 disk drive, internal quadruple-speed CD-ROM drive, DDS-2 DAT drive, and 1.4MB Apple SuperDrive floppy disk drive
- Limited one-year hardware warranty

Network Server 500/132  
(32MB/CD)

Order No. M3469LL/A

- Network Server 500 features a 132-MHz 604 processor with 32MB of parity memory, 512K level 2 cache, quadruple-speed CD-ROM drive, and 1.4MB Apple SuperDrive floppy disk drive
- Limited one-year hardware warranty

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## CPU Upgrade Card

Order No. M5177Z/A

- Network Server Processor Card with one 200-MHz 604e PowerPC processor for Network Servers 500 and 700

## Peripherals and Accessories

AIX for Apple Network Servers  
Accessory Kit

Order No. M4525Z/A

- AIX for Apple Network Servers version 4.1
- Trial software
- Mouse
- Power cord lock
- Power Macintosh Display Adapter
- Complete setup, learning, and reference documentation

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## Network Server Memory Expansion Kits

16MB Parity Memory Upgrade Kit

Order No. M4017Z/A

- Includes two 8MB dual in-line memory modules (DIMMs)
- Incorporates the 168-pin industry-standard JEDEC DIMM form factor
- Operates at 60ns speed

32MB Parity Memory Upgrade Kit

Order No. M4018Z/A

- Includes two 16MB dual in-line memory modules (DIMMs)
- Incorporates the 168-pin industry-standard JEDEC DIMM form factor
- Operates at 60ns speed

64MB Parity Memory Upgrade Kit

Order No. M4019Z/A

- Includes two 32MB dual in-line memory modules (DIMMs)
- Incorporates the 168-pin industry-standard JEDEC DIMM form factor
- Operates at 60ns speed

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## Network Server Hard Drives

2GB Fast/Wide SCSI-2 Hard Drive and Tray

Order No. M4022Z/A

- Operates at 7200 revolutions per minute (RPM)
- Supports tag command queuing for increased disk performance
- Provides a sustained data rate of 7MB/sec
- Includes a standard 68-pin SCSI-2 connector
- Comes preinstalled in Network Server drive tray for easy setup

4GB Fast/Wide SCSI-2 Hard Drive and Tray

Order No. M4023Z/A

- Operates at 7200 revolutions per minute (RPM)
- Supports tag command queuing for increased disk performance
- Provides a sustained data rate of 7MB/sec
- Includes a standard 68-pin SCSI-2 connector
- Comes preinstalled in Network Server drive tray for easy setup

9GB Fast/Wide SCSI-2 Hard Drive and Tray

Order No. M5178Z/A

- Operates at 7200 revolutions per minute (RPM)
- Supports tag command queuing for increased disk performance
- Provides a sustained data rate of 10MB/sec
- Includes a standard 68-pin SCSI-2 connector
- Comes preinstalled in Network Server drive tray for easy setup

2GB Fast/Wide SCSI-2 Fixed Hard Drive and Rear Bracket

Order No. M4818Z/A

- Provides increased disk capacity located in the back of the system
- Can be used in a RAID disk array configuration but is not hot-pluggable
- Provides the same disk drive features as M4022
- Available only for the Network Server 700 models

Two 4GB Fast/Wide SCSI-2 Fixed Hard Drives and Rear Bracket

Order No. M4819Z/A

- Provides increased disk capacity located in the back of the system
- Can be used in a RAID disk array configuration but is not hot-pluggable
- Provides the same disk drive features as M4023
- Available only for the Network Server 700 models

# Ordering Information and Accessories

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## Other Storage Drives

### Network Server 8mm Tape Drive (20GB/40GB) in Removable Tray

Order No. M4026Z/A

- Provides high-capacity and high-performance data backups
- Each cartridge stores 20GB of data without compression or up to 40GB of data with compression
- Capable of backing up 11GB of data per hour without compression, or 22GB per hour with compression
- Includes one data cartridge and one cleaning cartridge
- Each Network Server supports up to six 8mm tape drives

### Network Server DAT-2 4mm Tape Drive (4GB/12GB) in Removable Tray

Order No. M4025Z/A

### Network Server 4x-Speed CD-ROM Drive in Removable Tray

Order No. M4024Z/A

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## Network Server Expansion

### PCI RAID Card

Order No. M4030Z/A

- Supports RAID levels 0, 1, 0+1, 5
- Provides disk hot-plug, online replacement, and hot spare capability
- Includes two built-in Fast/Wide SCSI-2 channels
- Supports tag command queuing for increased disk performance
- Provides up to 32MB of write cache; 4MB is standard
- Includes built-in battery backup for the write cache
- Supports up to 9 internal SCSI drives or up to 14 external SCSI drives with two 68-pin connectors
- Each Network Server supports up to four PCI RAID cards

### Network Server External SCSI Cable for RAID Card, 50 inch (68 pin to 68 pin)

Order No. M4031Z/A

### PCI Ethernet Card

Order No. M4709Z/A

- 10-Mbit/sec Ethernet card
- Supports twisted-pair, AAUI, and thin coax connections
- Each Network Server supports up to six PCI Ethernet cards
- Ethernet software driver comes standard with AIX 4.1 for Apple Network Servers

### PCI 100BaseTX Ethernet Card

Order No. M3906Z/A

- 100-Mbit/sec Fast Ethernet card
- Supports twisted-pair connections
- Each Network Server supports up to six PCI Fast Ethernet cards
- Fast Ethernet software driver comes standard with AIX version 4.1 for Apple Network Servers

### PCI Dual-Attached FDDI Card

Order No. M4808Z/A

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## Ethernet Adapters

### Apple Ethernet Thin Coax Transceiver

Order No. M0329Z/B

### Apple Ethernet Twisted-Pair Transceiver

Order No. M0437Z/B

### Apple Ethernet AUI Adapter

Order No. M0432Z/A

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## Other Accessories

### Redundant Power Supply

Order No. M4035Z/A

- Redundant 425W power supply for the Network Server 700
- The Network Server continues to operate after a power supply failure
- Supports replacement while the system is running; a failed power supply can be hot-plugged in 60 seconds
- Provides load-balancing between the two power supplies

### 19-inch Rack Mount Kit

Order No. M4036Z/A

- Includes a shelf with screws for mounting the Network Server in an industry-standard 19-inch rack

### SCSI Drive Adapter Kit

Order No. M4028Z/A

- Provides the ability to add third-party SCSI drives inside the Network Servers, such as SCSI disk drives, tape drives, or CD-ROM drives
- Includes a 50-pin SCSI adapter and a 68-pin SCSI adapter
- Includes required cables that support most SCSI devices
- Each empty drive bay inside the Network Server includes a blank drive tray

### Front-Drive Bezel Kit

Order No. M4029Z/A

- Required when adding a third-party SCSI tape drive or CD-ROM to a Network Server
- Includes a tape drive bezel and a CD-ROM drive bezel



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