



# AIX for Apple Network Servers

## Features

### Compatibility

- Is compatible with AIX 4.1 and most AIX 3.2.5 applications, permitting smooth migration and preservation of your investment in AIX applications
- Supports AppleTalk and TCP/IP networking, for easy connection to popular networks
- Enables the formatting, reading, and writing of DOS-compatible disks (through the DOS utilities software)
- Is compatible with many PCI cards and AIX drivers

### AIX administration tools

- System Management Interface Tool (SMIT) provides menu-driven configuration, installation, maintenance, and troubleshooting
- Visual System Management (VSM) interface permits system tasks to be performed through direct manipulation of icons
- Common Desktop Environment (CDE) presents an interactive graphical interface for using and customizing the system

### Reliability and scalability

- Symmetric multiprocessing (SMP) support
- Logical Volume Manager (LVM) provides system administrators the flexibility to change storage configurations without interrupting user services
- Journal File System (JFS) helps prevent data loss from system failures
- LVM supports multiple file systems up to 256GB and files up to 2GB

### Apple added value

- High-performance AppleTalk protocol stack for powerful, easy-to-use network services
- Disk Management Utility and CommandShell terminal emulator
- Support for Apple events developer APIs
- High-performance drivers for disk access and networking
- Support of AppleTalk networking over the Internet

### Proven solutions

- Internet/Intranet
- Publishing
- Database
- File/Print

AIX for Apple Network Servers combines Apple's legendary expertise in providing ease of use with the power, reliability, and versatility of a UNIX-based operating system.

Apple makes it easier than ever to manage a high-performance server. And because the software has been optimized for Apple Network Servers, you get an integrated system that's reliable, scalable, and secure.

AIX for Apple Network Servers provides the high-performance networking and I/O services that the Internet, publishing, file and print, and application servers require. Its 100 percent native code achieves remarkable performance by capitalizing on the RISC architecture and advanced SMP hardware design of Apple Network Servers.

AIX for Apple Network Servers is based on IBM's AIX operating system, so it gives you access to thousands of proven AIX applications. Included are trial and complimentary versions of popular AIX programs from a number of leading companies.

To speed up administrative tasks, the AIX operating system includes

the menu-driven System Management Interface Tool, the graphical Visual System Management interface, and the Common Desktop Environment.

Other Apple enhancements to AIX include fast networking and I/O drivers tailor-made for Network Servers, high-performance AppleTalk services, and two Mac OS-based administration utilities.

Because reliability is essential for high-end servers, the AIX operating system offers reliable, high-availability features such as the Journal File System (JFS), disk striping and disk mirroring (RAID 0,1), and instantaneous recognition of disk configuration modifications or file system expansion through the Logical Volume Manager (LVM). LVM also provides the scalability needed for fast-growing Internet sites and other dynamic environments such as Open Prepress Interface publishing servers.

If you want the performance of a UNIX-based operating system with excellent Macintosh systems integration, AIX for Apple Network Servers is your operating system of choice.



Easy-to-use tools minimize system administration.



# AIX for Apple Network Servers

## Ordering Information

### AIX for Apple Network Servers

Note: This package contains the software and accessories necessary to install an Apple Network Server (Network Server must be ordered separately).

In North America, Order No. M4525Z/C

In Europe, the Middle East, and Africa, Order No. M4845Z/C

In Asia and the Pacific, Order No. M4846Z/C

In Latin America, Order No. M4847Z/C

- One CD-ROM containing:
  - AIX 4.1.5 operating system software
  - Complete electronic documentation
  - Run-time diagnostic software
- Two Mac OS-based administration utilities
- Network Server hardware diagnostics
- CDs containing third-party software
- Apple Desktop Bus mouse
- VGA adapter for an Apple multisync monitor
- Power cord with lock
- *Setting Up the Network Server* manual
- *Using AIX, AppleTalk Services, and Mac OS Utilities on the Apple Network Server* manual

Comes with 90 days of complimentary telephone support. Other support options are available; please contact your Apple reseller for details.

Each AIX for Apple Network Servers license permits two concurrent user logins and unrestricted privileged "root" user access. Some applications require more than two concurrent user logins.

### Unlimited-User Upgrades

This kit upgrades the AIX for Apple Network Servers user count from two concurrent logins to unlimited concurrent user logins. It requires purchase of the AIX for Apple Network Servers two concurrent user license.

In North America, Order No. M4891Z/A

In Europe, the Middle East, and Africa, Order No. M4892Z/A

In Asia and the Pacific, Order No. M4893Z/A

In Latin America, Order No. M4894Z/A

## Technical Specifications

### AIX compatibility

- AIX version 4.1 applications
- Most AIX version 3.2.5 applications
- SMP applications

### System features

- Symmetric multiprocessing support
- Pre-emptive multiprocessing
- Memory-protected multithreaded OS
- Journal File System
- Logical Volume Manager
- Disk striping software (RAID 0)
- Disk mirroring software (RAID 1)
- Localization (European only)
- InfoExplorer electronic documentation (English only)
- PCI device driver compatibility

### Networking support

- SMP-efficient AppleTalk
- Ethernet (10Mbps and 100Mbps)
- TCP/IP (including telnet, FTP, NFS, SNMP, SLIP, PPP, DNS, and DHCP protocols and services)

### AppleTalk services

- AppleTalk protocol stack
- AppleTalk router with "multi-homing" option
- Support for Apple events developer APIs, including Object Support Library (OSL)
- AppleTalk SNMP MIB
- AFP over TCP/IP
- AppleTalk encapsulation in TCP/IP

### I/O support

- PCI card drivers
  - 10Mbps Ethernet
  - 100Mbps Ethernet
  - FDDI PCI card
  - Fast-and-Wide SCSI-2
- On-board drivers
  - 10Mbps Ethernet
  - Fast-and-Wide SCSI-2
  - SCSI-1
  - Video
  - Serial
  - Apple Desktop Bus (for mouse and keyboard)
  - Floppy disk drive
- One- or three-button mouse
- DAT 4-mm tape drive
- Exabyte 8-mm tape drive

### Internal RAID support

- Works with optional PCI RAID card in Network Servers
- Disk drives can be hot-swapped
- Supports RAID levels 0, 1, and 5

### System requirements

- Apple Network Server
- 32MB of RAM up to 1GB
- 1GB hard disk drive
- CD-ROM drive
- Multisync monitor

### Localization

- Localized message catalogs for France, Italy, Germany, and Spain

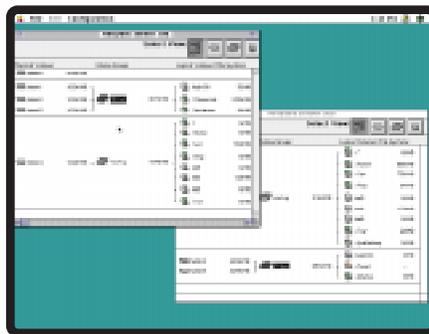
## Software Included

### "Try before you buy" trial software

- APC Power Chute Plus
- Helios EtherShare, EtherShare OPI, and PC Share
- IPT CanOPI, and uShare
- Legato Networker and Macintosh Client Pak

### Complimentary software

- IPT uShare (1 user)
- Legato Data Backup Utility (LDBU)



*Disk Management Utilities provide streamlined storage management from a Macintosh.*

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

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