FIA POPnetserver 4300

Affordable NAS Offers Small Businesses Simple Storage and User Upgrades

"As companies continue to experience rapid data growth, administrators seek cost-effective solutions... the POPnetserver 4300 offers the lowest-priced NAS system in its class."

*T*he POPnetserver 4300 NAS server is perfectly sized for your small business or workgroup remote office to deliver storage backup and protection around the clock. Designed for the budget conscious buyer, this slim line server provides 160GB and 320GB capacities, upgradeable to a maximum of 640GB--for an unbelievably low price. The basic unit can be purchased now, and upgraded later as your storage needs change.

Using FIA's POPfiler Operating System and integrated software tools make managing the POPnetserver 4300 simple. A simple browser interface lets you install your server in less than five minutes and two mouse clicks, making networked storage instantly accessible. With POPnetserver 4300, you can be assured complete compatibility with your existing infrastructure in a seamless deployment of cross-platform file sharing that supports Microsoft Windows, Novell NetWare, AppleShare and UNIX network environments.

Readily available dual 10/100 LAN Ethernet connections provide faster system performance and data security with LAN fail over protection. Additionally, the POPnetserver 4300 provides high availability and data protection with support for RAID 0, 1, 5, and JBOD options. Extra security protection includes integrated POP Backup Recovery utilities including, POPbackup, Data Replicator, and Snapshot Backup.

User Upgradeable Storage and Easy Drive Replacement

Four accessible front-load drives allow users to upgrade storage as business needs grow, while

POPassist auto detection software makes installation and maintenance of disk arrays simple.

High-Speed Connectivity Provides Faster Data Access

Two integrated 10/100 Ethernet ports provide full load balancing and higher transmission rates for more efficient data access on the network. Dual connectivity provides fail-over capability in event that a network device looses communication.

Maximum Data Availability and Reliability

Maximize data availability with RAID 5 (disk striping with parity) and automatic dual Ethernet fail-over protection. Additionally, JBOD, RAID 0 (disk striping) and RAID 1 (mirroring) configurations are also available.

*NEW Version POPfiler 2.0 Delivers Even Greater Security and Functionality

Safeguard your business from data loss and maintain high availability using POPfiler's integrated Backup Recovery utilities:

POPbackup makes system migration easy and effective, backing up system information including; network, time zone, file sharing protocol setup, UPS setting, notification and language setup, user accounts and group privileges.

POP Data Replicator provides real-time scheduled backup, restoration with version/tag management, immediate backup, file filtering, and compression on the LAN in real-time.

Snapshot Backup allows a consistent, point-in-time copy of data without administrator intervention.

Highlights

- Affordable storage for backup and protection

- User upgradeable to 640GB in a slim line 1U form factor

- Four accessible front-load drives for easy maintenance

- Installation in less than 5 minutes and 2 mouse clicks

- Heterogeneous file sharing in Windows, NetWare, AppleShare, and UNIX environments

- Improved reliability with RAID 0, 1, 5, and JBOD options

- Load-balanced and dual LAN fail-over with integrated Ethernet ports

- Data security with POP Backup Recovery utilities, including POPbackup, Data Replicator, and Snapshot Backup and NO license fees.

- Simplified storage management with Windows-based POPassist

Standard Features

• Storage capacities of 160GB (non-RAID) or 320GB (non-RAID), upgradeable to 640GB
• Four (4) accessible front-load removable drives
• Dual integrated 10/100 Mbit/sec Base-T Ethernet ports with fail-over and load balancing
• Quad Ultra ATA/100 HDD controllers
• Uninterruptible (UPS) power supply support with a choice of local or remote control Software-controlled front power button
• Front LEDs for power/status, network activity (2), disk activity
• Audible warning speaker
• Rear main power switch

Network Transport Protocols

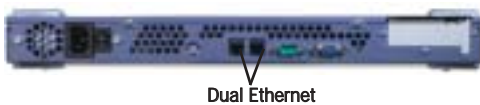TCP/IP
IPX
NetBEUI
AppleTalk

Network File Protocols

Microsoft Networks (CIFS/SMB)
UNIX NFS
Apple (AFP)
Novell NetWare (NCP)
Internet (HTTP 1.0, HTTPS, FTP, and Telnet)

Network Client Types

Microsoft Windows 95/98/ME/XP/NT 4.0/2000
Apple Macintosh System 7.5.5, 7.6, OS 8.x, 9.x
Red Hat Linux 6.2 and 7.0

Server Emulation

Windows NT 4.0 and 2000
AppleShare 6.0
NetWare 3.12
NFS 3.0

Dual Ethernet

Network Connection

Auto-sensing 10Base-T and 100Base-TX, dual RJ-45 network connector
Two integrated 10/100 Ethernet ports with load balancing and fail-over
Multi-network segment support

Automatic IP Address Assignment

Supports DHCP, BOOTP, and RARP for automatic assignment of IP address

Multiple File System Options

A 64-bit file system with enhanced buffer and cache can be configured for maximum file protection or improved performance. Options include:

RAID 0 (disk striping) - one large virtual drive with data striped across all physical drives (no loss in usable capacity)

RAID 1 (disk mirroring) - second set of drives duplicates the first set for maximum data protection (50% usable capacity)

RAID 5 (disk striping with parity) - the size of one volume is reserved for parity checking

Individual Independent Disks

Four separate drives, each seen as a separate volume (JBOD)

System Management

Server backup and restore
POPassist (POPsearch, POPmap, POPmanage, Client backup/restore)
Web-based administration
Disk space quotas
SNMP MIB II support
Unlimited Software License

System Configuration

Web-based user interface (IE) for system administrator

Physical Specifications

Width 17.0" (43.2 cm)
Depth 20.5" (54.1 cm)
Height 1.75" (4.4 cm)
Weight: 30 lbs. (13.6 kg)
19" equipment rack; 1 (.75") rack-unit height

Agency Certifications

UL, cUL, CE, FCC Class A

Power Requirements

Typical operating power: 75 watts, maximum power consumption: 150 watts, 100-240 VAC, 50-60Hz, auto-sensing external power module

Operating Environment

41 degrees to 95 degrees Fahrenheit (5 degrees to 35 degrees Celsius)
5% to 85% humidity (non-condensing)

Non-Operating Environment

-4 degrees to 140 degrees Fahrenheit (-20 degrees to 60 degrees Celsius)
5% to 95% Humidity (non-condensing)

System Certifications

FCC, CE, BSMI, VCCI, UL

North American Warranty

Three-year limited warranty

Models

For the latest pricing and configuration, refer to www.popnetserver.com or call FIA for the nearest POPnetserver reseller.

Prices and configurations subject to change without notice.