FIA POPnetserver 4700

Cost Effective Storage Designed for Easy Installation and Configuration with Performance to Match

The POPnetserver 4700 NAS appliance is ideal for workgroups, departments and small business that need to consolidate storage, share information and reduce storage management cost. Storing over 1 TB of data in a 1U platform makes this system an ideal storage management solution at an affordable price. The POPnetserver 4700 include a multitude of performance features such as caching, auto sensing, load balancing, and high bandwidth using dual-embedded Gigabit Ethernet networking.

Easy deployment and tool-less maintenance; with access to front-load hot swappable hard drives, are appreciated by any business with limited IT resources. The POPnetserver uses the high-speed serial ATA disk drive technology providing a more efficient system design, and faster data access and retrieval. Seamless integration using Microsoft's Windows Storage Server 2003 operating system and software tools make managing the POPnetserver 4700 simple. A browser-based interface lets you install your storage server in minutes, making network storage instantly available. Administrators can load the system recovery disk or install new updates directly to the hard drive using the systems front-load CD ROM drive.

Highlights

- 1.6 TB, 1 TB, or 320 GB capacities
- Ultra SCSI tape backup (optional)
- Intel 3.2 GHz P4 CPU with 800 GHz FSB
- Front-load hot swappable disk drives
- Serial ATA disk subsystem
- Active Directory Services (ADS)
- VSS (snapshot) technology
- DFS technology
- RAID 5 (RAID 0, 1 option)
- Dual 10/100/1000 Gbit Ethernet LAN
- Load-balancing and NIC teaming
- International localization language support
- Microsoft Windows Storage Server 2003 O/S
- Windows, Appleshare, and UNIX file sharing
- Backup and compatibility: Veritas, Legato, Microsoft
- Slim line 1U form factor

Specifications

Features:
Processor: Single Intel 3.2 GHz Pentium 4
Processor Cache: 1 MB
Front Side Bus: 800 GHz
Memory: 1 GB DDR SDRAM Standard
Max Memory: 4 GB DDR SDRAM

Storage: 320 GB, 1 TB, 1.6 TB
Max. Storage: 1.6 TB (RAID 0) 1.2 TB (RAID 5)
Storage Technology: Four (4) SATA 1.0 accessible front-load hot-swap drives
Internal Disk Speed: 7.2K RPM
Slim CD Rom Drive: (1) for system recovery and installation only
Max. Devices: (5) (4 of which are HDs and 1 CD-ROM drive)
Expansion Slots (1): Single 64-bit 66 MHz PCI-X

Built-in Redundancy:
Hot-swappable drives (4)
Redundant cooling fans (3)
Redundant network interfaces
Redundant OS
SW RAID: 0, 1, 5 protection

Network Connection:
Auto-sensing 10Base-T and 100Base-TX, dual RJ-45 network connector
Two integrated 10/100/1000 Gigabit Ethernet ports
Multi-network segment support

Adapters Supported:
Network Adapters: Dual embedded 10/100/1000 Mbit/sec Base-T Ethernet ports
Max. Number of network adapters supported: (2)
Optional number of external network adapters supported: (1) 10/100/1000 NIC (Copper) or (1) Gigabit (Fiber Optic) NIC

Network Transport Protocol:
TCP/IP
NetBEUI
AppleTalk

Network File Protocols:
Microsoft Networks (CIFS/SMB)
UNIX (NFS)
Apple File Share (AFS)
NetBios
Internet (HTTP 1.0, HTTPS)
File Transfer Protocol (FTP and Telnet)

Network Services:
WEBDAV
DHCP
NTP

Software Support:
MS Storage Server 2003 O/S

Network Client Types:
Microsoft Windows 98/ME/XP/NT 4.0/2000, XP
Microsoft Server 2003
Apple Macintosh System 7.5.5, 7.6, OS 8.x, 9.x, X
Red Hat Linux 6.2 and 7.0
UNIX

Server Emulation:
Windows NT 4.0, 2000, 2003
Microsoft Storage Server 2003
AppleShare 6.0
NFS 3.0
FTP

Administration:
Installation Wizard
Server backup and restore
Browser-based management tool
Local management application tool
Remote control application tool
Snapshot (MS VSS) tool
Local backup tool
User disk space quota tool
Group disk space quota tool
Environmental monitoring tool

SNMP MIB II and agent support
Email notifications alerts

Network Security Authentication:
Microsoft Active Directory Service (ADS)
Microsoft LDAP
Kerberos
MS Windows NT Domain
UNIX Network Information Service (NIS)
File and Folder Access Control List (ACL) Security for users and groups
Secure Sockets Layer (SSL)
Dynamic DNS

Automatic IP Address Assignment:
Supports DHCP 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)

Setup and Configuration:
Browser-based user interface (IE) for system administrator with login name and password encrypted.

Front Panel Features:
Drive Activity (2)
Network Activity
System Status
Error Audible warning speaker

Connectors:
Serial port for console redirection

Physical Specifications:
Rack Size: 1U, 19" with rails
Width 17.2" (43 mm)
Depth 19.85" (438 mm)
Height 1.7" (43 mm)
Weight: 38 lbs. (17.2 kg)
Form Factor: 19" equipment rack; 1.7" rack-unit height

Agency Certifications:
UL, cUL, CE, BSMI, FCC Class A

Power Requirements:
Uninterruptible (UPS) power supply support with a choice of local or remote control
Typical operating power: less than 150 watts, maximum power consumption is 300 watts, 100-240 VAC, 50-60Hz, auto-sensing voltage input

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)

Prices and specifications, availability and terms of offer are subject to change without notice.