FIA POPnetserver 2000

Ultra-Slim, low-cost, 240GB NAS storage appliance designed for small businesses, departments, and workgroups

POP netserver

Storing and sharing data has never been easier and more efficient. In just five minutes and two mouse clicks, today's small businesses, departments and workgroup clients can benefit from an easy to manage, plug-and-play Network Attached Storage (NAS) device that enhances performance and provides scalability and high reliability, all for a lower total cost of ownership. The POPnetserver 2000 is ideal for companies with limited or no IT staff resources.

Three Drive Bays Offer Greater Storage Expansion for Future Growth

For data- and graphics-intensive business applications, such as large HTML, database, audio and video, and desktop publishing, the POPnetserver 2000's three (3) drive bays provide expansion up to 240GB using fast ultra ATA-IDE technology.

RAID 1 & 5 Offer Greater Reliability & Data Protection

Data redundancy features like disk mirroring (RAID 1) and fault tolerance (RAID 5) increase system availability for larger workgroups. And, with Multi-kernel boot-failover, you can boot from any drive, should your primary drive fail.

Open Standards Offer More Flexibility and Cost Savings

The POPnetserver delivers cross-platform file sharing in heterogeneous networks that include Windows, Netware, Unix/Linux or Macintosh, resulting in time and cost savings on staffing, training, and deployment.

Reliable Data Security with POP Fail Safe Components

The POPbackup and POPrestore software utilities allow you to backup and archive mission-critical data and frequently used configurations, with password protection.

Save Time and Money with Plug & Play and Ease of Management

POPassist, a Windows-based management tool, makes installation, setup and status viewing simple. Set up and monitor your storage devices to fit your business needs - all in less than five minutes and two mouse clicks.
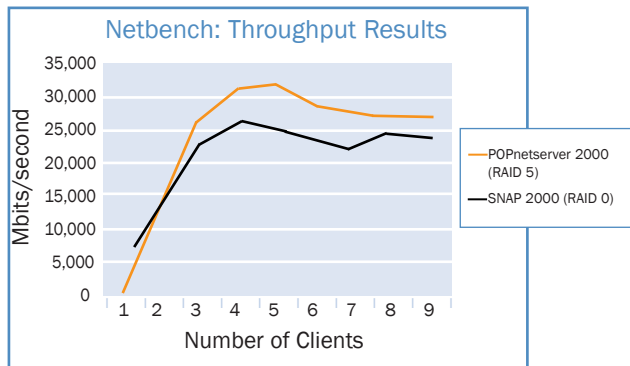
Highlights

- **Three drive bays provide expandable storage to 240GB**

- **Enhanced network performance using 650MHz processor, 64MB RAM, & Ultra-ATA hard disk drives**

- **Improved access and reliability with Non-RAID, RAID 0, 1, & 5 and boot-failover**

- **Data secure with POPbackup and POPrestore**

- **Simplified storage managment with Windows-based POPassist**

Performance Throughput Results

Netbench: Throughput Results

Chart: Mbits/second (0 to 35,000) vs. Number of Clients (1-9)
- POPnetserver 2000 (RAID 5)
- SNAP 2000 (RAID 0)

Standard Features

Stand-alone unit with wall mount and rack-mountable options
Three (3) 1" drive bays
Minimum storage capacity is 40GB (Non-RAID) or 80GB (RAID 0)
Maximum storage capacity is 240GB
Non-RAID, RAID 0, 1, & 5 support
Multi-kernel Boot fail-over technique
Includes 650MHz processor
Minimum 64MB memory support
Fast Ultra ATA-IDE disk drive
Integrated 10/100 Base-T network interface

Network Transport Protocols

TCP/IP
IPX
NetBEUI
AppleTalk

Network File Protocols

Microsoft Networks (CIFS/SMB)
Novell Netware (NCP)
UNIX (NFS)
Apple (AFP)
Internet (HTTP 1.0)
Automatic IP Address Assignment
Supports DHCP, BOOTP and RARP for automatic assignment of IP address

System Management

POPassist Windows-based Administration
Disk Space Quotas
Security

Network Security

Integrates with:
Microsoft NT Domain Controller
Novell Netware Servers (Bindery)
User--level Security

Network Client Types

Microsoft Windows 95/98/NT 4.0/200/Me
Novell NetWare clients for Windows
Red Hat Linux 6.2 and 7.0
Macintosh System 7.5.5, 7.6, OS 8.x, 9.x

Physical Specifications

Dimensions
Width   17.25 in (43.2 cm)
Depth   17.5 in (44.5 cm)
Height   17.2 in (4.4 cm) 1U
Weight   15.0 lbs (6.82 kg)

Agency Certifications

UL, cUL, FCC Class B

Power

Power Rating: 150W, 100-240 VAC, 50-60Hz, auto-sensing

Server Emulation

Windows NT 4.0
NetWare 3.12
Appleshare 6.0
NFS 3.0

Network Connection

Auto-sensing 10Base-T and 100Base-TX
Single RJ-45 network connection

Rear Panel View

Multiple File System Options

Configured for maximum file protection or enhanced 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) data and parity information are distributed across all drives--tolerates the loss of one drive

Individual Independent Disks

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

Setup and Configuration

Windows-Based User Interface for System Administration

North American Warranty

Three-year limited warranty

Models

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

Prices and configurations subject to change without notice.

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