Software & Hardware
Features & Specifications

DEMON NAS
DEMON NAS NP-08EG-D

DemonNAS NP-08EG is a highly available and efficient Network Attached Storage Appliance Server that meets the open storage requirements for today's small to middle size businesses and corporate offices. It provides advanced NAS functionality of access to data storage and file sharing.

Software Features

Integrate-able domains
Microsoft NT 4.0 / 2000 Domain, UNIX NIS Domain

Software RAID
RAID 0, 1, 5, 5 with Spare

Availability/Reliability
- NAS O.S. in a Flash Memory
- IDE Hard Disk Hot Swapping & On-line Rebuilding
- Redundant & hot swap Power Supply/ System Fan
- Hardware (Thermal, ECC, HDD, Fan, Power Supply...) Monitoring, Auto-notifications, and Logging
- HDD Bad Track Mapping/Recovery
- UPS Support (Through Serial Port & SNMP Trap)

Manageability
- Up to 8 TB File System support
- Volume Manager - to easily create / modify / repair multiple volumes
- SNMP MIB II Support
- AXUS Filer Assistant 2.0,is for Windows, Linux and Mac platforms - to search, setup the IP address of the Filer system, map network drive,(only under windows) and view server status.
- AXUS Filer Backup 2.0 -- to backup AXUS Filer through network. Supporting multi-level (System Information, User Information, Data, and Specified Volume/Share) backup, incremental backup, and scheduled backup.
- AXUS Data Replicator - offers automatic nearly real-time easy and secure backup from Windows clients to AXUS Filer.
- Local Tape Backup - to backup AXUS Filer to the local tape drive.
- File Level ACL (Access Control List) for Windows, Mac, and Unix clients
- New Log Mechanism - rotate-able, sort-able, download-able, and more

Performance
- RAID 5 Device Layer Cache Support - to crack the I/O bottleneck and greatly improve the file access performance (recommend UPS support).
- 10Mb / 100Mb / 1Gb Ethernet Trunking / Fail-over / Multiple-Subnets Support - to remove the network bottleneck and greatly improve the performance.

Compatibility
- Unicode Account / Group / Shared Folder / File / Folder Names Support
- Japanese Machine Dependent Characters Support
- HTTP support - allowing users to have remote access to files in the server through the Internet (via HTTP protocol)
- FTP support - allowing users to have remote access to files in the server through the Internet (via FTP protocol)
- English, German, Spanish, Italian, French, Traditional Chinese, Simplified Chinese, Japanese, Korean Language Versions supported
- 3rd party backup application supports: Veritas Backup Exec, CA BrightStor, Dantz Retrospec

Hardware Specifications

CPU:
P4 / 1GhZ ~ 2.8Ghz

Power Supply
350 + 350 watts Redundancy high quality power system, two 350 watts power module with PFC function. Load sharing type, AC Voltage 100 - 240 VAC, AC Frequency 47 - 63Hz

Main Memory
2 x DIMM sockets support up to 2GB DDRAM

Network Connection
1 x Auto sensing 10 / 100 Base - TX, RJ - 45 connector
2 x Auto sensing 10 / 100 / 1000 Base - TX

Disk Interface
Ultra DMA6, ATA - 133

Disk Channel
8 Ultra DMA6 Disk Channels, supporting up to 8 hot swappable IDE HDDs

SCSI port
Optional Ultra 160 SCSI port for tape backup

Serial port
Two Serial ports, one for LCD Panel (Com2), and the other for terminal or UPS (Com1) selected by switch

Input device
PS2 Keybcard / Mouse. (Optional USB port)

Expansion Slots
1(Tower type) or 2 (Rackmount type) x 32bit / 33MHz PCI Slots

Environment monitor
CPU : voltage , temperature
FAN : failure detect
Power supply : failure detect
HDD : Temperature , failure detect
LED : 1st LED - Power on / Event - HDD / FAN fail / Over temperature
 2nd LED - Power fail
 3nd LED - LAN Access

Dimensions
Tower : 178mm (W) x 415mm (H) x 350mm (D)
Rackmount : 445.4mm (W) x 88.8mm (H) x 532mm (D)

Outstanding Performance

Software Management Utility

AXUS Filer Assistant

AXUS Filer Assistant is designed for system administrator and all Windows clients on the LAN. System administrator uses AXUS Filer Assistant to search and setup the IP addresses of all NAS (Network Attached Storage) servers on the LAN. Windows clients may also install this program on the desktop, and easily login to Storage Manager to change its personal information and connect all privileged shared folders on the NAS server as network drives

AXUS Filer Backup

AXUS Filer Backup is specifically designed for system administrator.
System administrator may utilize this Windows-Based backup program to backup data from the NAS server to other storage devices on the LAN, or restore data back into the NAS server
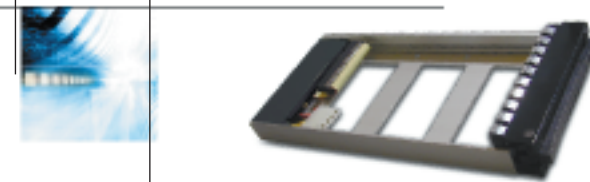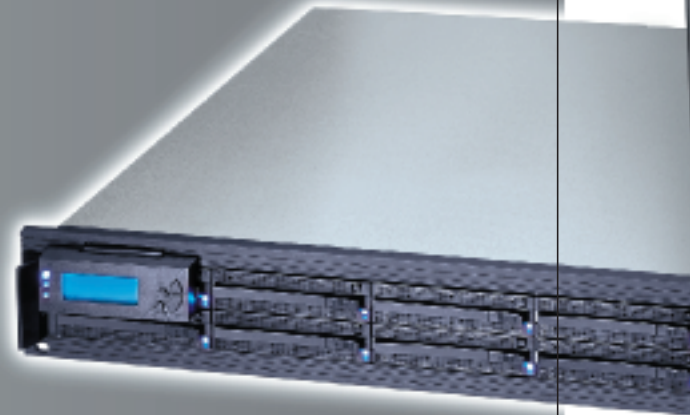
Backup/Restore Options
- System Information
- User Accounts and Groups
- User Accounts, Groups, and Data
- System Information, User Accounts, Groups, and Data
- Incremental Backup up to 100 Days

AXUS Data Replicator

AXUS Data Replicator is provided for all Windows clients on the LAN. Windows clients may use AXUS Data Replicator to monitor file folders and make immediate backup of specific file folders to NAS server, and provides you security to file backup and management.
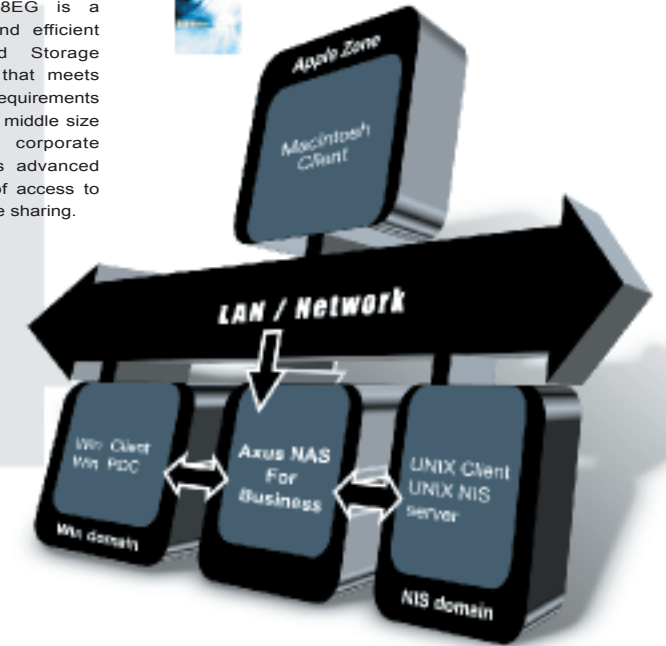
Backup and Restore for Windows Clients to NAS
- Residing on Clients to Monitor Data Replication in almost Real Time
- Data Encryption and Compression
- Up to 20 Tag and Version Control
- Free and Unlimited Licenses

What is NP-08EM/EG

DemonNAS NP-08EG is a highly available and efficient Network Attached Storage Appliance Server that meets the open storage requirements for today's small to middle size businesses and corporate offices. It provides advanced NAS functionality of access to data storage and file sharing.

How good is NP-08EM/EG Benefits

Server Appliance Approach	Reliable Available	Scalability	Flexibility	Affordability
Easy to manage Intuitive User Interface, set up in 3 minutes Auto-notification for critical events	Fault-tolerant hardware, Hardware monitoring and event notification RAID supports	Taking advantage of storage over IP	Cross platform file sharing	Best price performance

Key Features

- NAS O.S. in a solid Flash Memory
- Online Hot-swap HDD and Data Rebuilding
- Hardware Monitoring with Automatic Notification
- Dynamic Bad Sector Recovery
- 10/100/1000 Mbps with Trunking/multiple Subnet Support
- Multiple Volume Support
- RAID Cache Support
- Unicode Support
- Long Account Name With Space
- Double Byte Account / Share Name Support
- FTP / HTTP Support
- Backup / Restore Support for Both Clients and Filers (Inc. Veritas Backup Exec & CA BrightStor)
- Local Tape Support
- File Level Access Control List