

4-bay Rack Mounted SATA NAS w/ 2 Gigabit Ethernet

Reliable Hardware Structure-- LevelOne's GNS-8000B is designed for premier NAS usage featuring ease of installation and lower purchase cost. With its 19", 1U rack-mountable form, powered by an Intel Celeron M 1.3GHz CPU, the GNS-8000B delivers an enterprise-level NAS solution. Flash memory is plug-in type for easy maintainance, should flash failed, and for flexible to upgrade memory when your business expands. System status is easily and clearly visible through LEDs and LCD panel indicator. You can check current system situations including power, error, network connection and remote duplication status. With its UPS and hot-swappable power redundant unit, GNS-8000B ensures continuous power and system functionality.

Versatile Backup Functions—The use of SATA improves fault isolation and provides scalable performance. GNS-8000B supports 4 SATA HDD with hot swap functions that provide sotrage capacities of up to 1.6TB. It also supports multiple disk-array technologies for backend storage, including JBOD, RAID 0, RAID 1 RAID 5 and Hot Spare. Additional back-up solutions are available through the external SCSI tape drive enabling users to design the most flexible backups process to protect important enterprise data. Moreover, this device also provides a mechanism to burn offline data to CD or DVD through USB interface, and can be restored from the disks to NAS folders.

Extensive Software Support—GNS-8000B provides extensive backup software and management tools. Remote replication of GNS-8000B provides a secure mechanism for reliable and instant data backup. It supports scheduled automatic file backup to ensure ease of management, incremental backup according to the data being changed, synchronization backup to ensure data consistency and block level remote replication to enhance backup efficiency. GNS-8000B also provides a Web-based management interface which allows more simplified and user-friendly operations.

Dual Giga-LAN Interfaces --Using dual Giga-LAN architecture provides the fail over back up , multi-IP setting and traffic load balance functions. Our GNS-8000A is immediately able to meet the requirements of increasing demands for high performance and storage capacity in such technology-sensitive business applications as instant file sharing and multimedia applications.



GNS-8000B

Related Products



FNS-5000
2-bay 10/100 Mbps Rack-mounted NAS



FNS-6000
2-bay 10/100 Mbps NAS/ Switch/ Router/ Printer server



FNS-7000A
4-bay Tower NAS w/2 Gigabit Ethernet

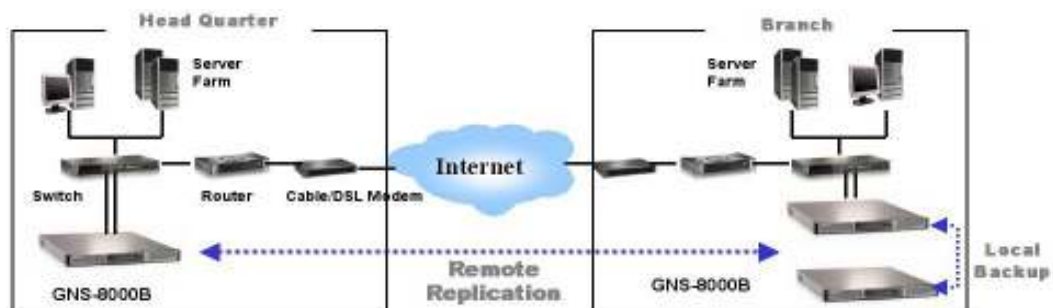
Key Features

- Supports 4 SATA large-size hard disks and hot swap function
- Dual Giga-LAN structure for data traffic load balance
- Supports Backup Tape drive and UPS
- Supplies two redundant hot-swap power units
- Supports USB DVD/CD burner backup/restore
- RAID technology for data protection
- Block level remote replication to enhance backup function
- Supports remote displays of duplication status
- High brightness LCD panel and LEDs for visible system working status
- Supports SNMP management, E-mail alerts and audio buzzer
- Supports Unicode and Multiple-Languages
- Supports multiple operating systems and file protocols
- Easy configuration and quick launch services
- 19", 1U rack-mounted NAS
- Web-based management GUI for remote distribution

Technical Specification

- **Processor**
Intel Celeron M 1.3 GHz CPU
- **Flash Memory**
32 Mbytes
- **DRAM**
PC-333 512 Mbytes SDRAM
- **Drive Interface**
4 x 3.5" SATA HDD
- **Ports**
2 x 10/100/1000Mbps RJ-45 Ethernet ports
1 x SCSI: Supports LVD SCSI Ultra 160 Tape Backup Drive
2 x USB2.0: Supports UPS Power Management and CD/DVD Burning/Restore
- **Network Transport Protocols**
TCP/IP, IPX, NetBEUI, Apple Talk
- **Network File Protocols**
Microsoft Networks (CIFS/SMB)
Apple (AFP)
UNIX (NFS)
Internet (Web Browser)
File Transfer Protocol (FTP)
Novell Netware (NCP)
- **Network Security**
Microsoft NT Domain Controller (PDC)
Microsoft AD Authentication
- **Network Client**
Microsoft Windows 95/ 98/ ME/ NT4.0/ 2000/ 2003/XP
Macintosh System 7.5+
Linux/ Unix
Novell
- **Setup and Configuration**
Web-Based GUI for system administration
Quick Install Wizard
Save and restore configuration
LCD Panel Configuration
Reset Button
- **Network Management**
Dynamic IP Address, Static IP Address, DHCP Service
Load Balancing, Fail-over, Multi-IP Setting
- **Disk Configuration**
JBOD, RAID 0, 1, 5, Hot Spare
- **Disk Management**
Hard Disk Failure Detection
Disk Detect/ Auto Recovery
Disk Used Status Management
- **File System Management**
Journaling File System
Snapshot
Web File Manager for Remote Access
Over 2GB Files Support
Unicode Support
Microsoft ACL Support
Users quota setting
- **System Management**
Web-Based Administration
SNMP
Disk Failure Analysis
E-mail Alert/ Alarm Buzzer
LCD Panel display
LED Display
System Software upgrade
Multi-Users account setting
- **Backup Management**
Supports Client Backup Software
Built-in Tape Backup Software
Supports BakBone NetVault Backup Agent
Virtual Tape Library
Schedule to remote replication backup
Support most popular network backup application
Block level remote replication
CD/DVD Burning/Restore (Support CD-R/RW, DVDR/-R/+RW/-RW/-R Double layer)
- **Language Supports**
English, Japanese, Simplify/Traditional Chinese, French, German
- **LEDs**
Power, Error, Network Status, HDD
- **Power management**
ATX Power Supply 150W
Redundant ATX Power Supply
UPS Support: SNMP, USB
- **Temperature**
Operating: 0°C ~40
- **Humidity**
Operating: 0% ~ 8%
- **Dimension**
570mm(D) * 430mm(W) * 44mm(H)
- **Weight**
12 Kg
- **EMI and Safety**
FCC, CE

Product Diagram



Ordering Information

- GNS-8000B: 4-bay Rack-Mounted SATA NAS w/ 2 Gigabit Ethernet