

Simbolo NAS Series

SN-2803H-QX

NAS SATA II RAID subsystems



Companies are looking for cost-effective storage solutions which can offer the best performance, high scalability and reliability. As the number of users and the amount of data grows, Network Attached Storage is becoming a critical technology and the need for an optimized solution is becoming an important requirement.

Proware delivers the Simbolo NAS subsystem together with the proNAS management solution, proNAS High-Availability and proBackup client backup solution to provide businesses with the most flexible, scalable, securable and manageable NAS environment. It helps to control the total cost of ownership for data management.

The SN-2803H-QX is an SATA II NAS Subsystem with proNAS 1.1 operating system. It enhances system availability, and manages complex storage environments easily. For improving business productivity and minimizing business risks, SN-2803H-QX provides a volume replication and a volume snapshot function. It is also a full featured data protection system supporting RAID levels 0, 1, 0+1, 3, 5, 6 and JBOD. It supports hot spares, automatic hot rebuild and online capacity expansion within the enclosure.

NAS Features

- ▶ Configurable to 19" rack-mountable 2U chassis
- ▶ Supports up to Eight (8) 1" hot - swappable SATA II hard drives
- ▶ Supports Tape/DAT backup/restore
- ▶ Supports RAID levels 0, 1, 0+1, 3, 5, 6 and JBOD
- ▶ Smart-function LCD panel for RAID setting & ENC status
- ▶ Supports hot spare and automatic hot rebuild
- ▶ Allows online capacity expansion within the enclosure
- ▶ Two Gigabit Ethernet ports
- ▶ Linux-based embedded system(128MB Disk on Module)
- ▶ Centralization of Data and Storage Management
- ▶ Using Market-Leading Java Technology
- ▶ Latest volume snapshot technology
- ▶ Apply volume replication to enhance data protection
- ▶ Support logical volume over 2TB
- ▶ Data Backup via backup plan and scheduling
- ▶ Enhance system configuration backup
- ▶ Local and external account management
- ▶ Large account import
- ▶ Share management and permission
- ▶ Advance ACL setting for project share
- ▶ Support Internet Gateway function
- ▶ On-line expansion file system
- ▶ Support E-mail notification and system log information
- ▶ Multi application support via proFamily



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Series Technical Specifications



Model Number : SN-2803H-QX

Hardware Platform

Intel Quad Core Xeon 2.0G or above, single / dual Processor
 Cache memory : 1GB DDR2-533 FBDIMM up to 16GB
 Two Gigabit Ethernet ports
 Up to Eight 1" hot-swappable SATA II (3Gb/s, NCQ support) hard drives
 Real time drive activity and status indicators
 Environmental monitoring unit
 Two(2) 500W hot-swap power supplies with PFC
 Expansion PCI slot for H/W upgrade
 External SCSI for Tape backup

RAID Controller

Intel 80321 64 bit RISC
 RAID level RAID 0, 1, 0+1, 3, 5, 6 and JBOD
 Supports 128MB up to 1GB of cache ECC unbuffered
 Supports hot spare and automatic hot rebuild
 Allows online capacity expansion within the enclosure
 Built-in serial port interface for remote event notification
 Local audible event notification alarm

Storage Management

Volume Management
 Disk usage statistics
 Hot spare capability
 Volume Snapshot
 Volume Replication

Connectivity

SMB, CIFS over TCP/IP
 NFS over UDP/IP
 Cross platform data access
 Novell Netware support
 FTP, HTTP file transfer
 DHCP
 NAT
 Internet gateway
 WINS Server
 Unit acts as a DHCP server

Unit acts as a master browser

Share level security

File level security

User ID security for NFS

Macintosh Support

AFP over Apple Talk

AFP over TCP/IP

Mac zones

General

File Server Independent

Peer-to-peer operation

Localized language support

Supports NIC / trunking / load balance / fail over

Support UPS management

System Management

Automatic IP address configuration

Self-contained unit - no extras needed

Management through Web browser

Flash upgradeable unit

Supports Microsoft ADS / PDC and Unix NIS accounts import

SNMP / MRTG management and notification

Fail-free online firmware upgrade

Unicode support

Multi-node Management GUI

CLI management via Telnet or SSH

Data Protection

proNAS High Availabilty (option)

proBackup Client Backup

proNAS Data and Configuration Backup

Support Veritas BackupExec Agent

Power requirements

AC 90V ~ 264V Full range

8A ~ 4A , 47 ~ 63Hz

Physical Dimension

88(H) x 482(W) x 740(D) mm

Specification are subject to change without notice.

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