

Simbolo NAS Series

Simbolo

NAS SATA II RAID Subsystem
SN-3163H-QX



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 business with the most flexible, scalable, securable and manageable NAS environment. It helps to control the total cost of ownership for data management.

The SN-3163H-QX is a 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-3163H-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 3U chassis.
- ▶ Supports up to sixteen (16) 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 settings and 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.
- ▶ Supports 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.
- ▶ Supports Internet Gateway function.
- ▶ On-line expansion file system.
- ▶ Supports E-mail notification and system log information.
- ▶ Multi application support via proFamily.



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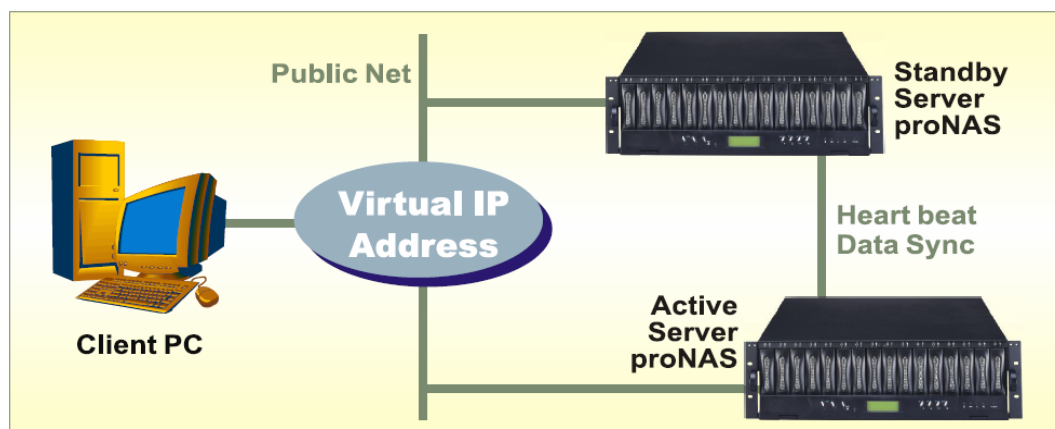


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Technical Specifications

Model SN-3163H-QX

Hardware Platform	Unit acts as a master browser
Intel Dual Core Xeon 2.0G or above, single/dual processor	Share level security
Cache memory: 1GB DDR2-533 FBDIMM up to 16GB	File level security
Two Gigabit Ethernet ports	User ID security for NFS
Up to sixteen 1" hot-swappable SATA II (3Gb/s, NCQ support) HDD	Macintosh Support
Real time drive activity and status indicators	AFP over Apple Talk
Environmental monitoring unit	AFP over TCP/IP
Three (3) 460W hot-swap power supplies with PFC	Mac zones
Expansion PCI slot for H/W upgrade	General
External SCSI for Tape backup	File Server Independent
RAID Controller	Peer-to-peer operation
Intel 80321 64 bit RISC	Localized language support
RAID level RAID 0, 1, 0+1, 3, 5, 6 and JBOD	Supports NIC/truncning/load balance/fail over
Supports 128MB up to 1GB of cache ECC unbuffered	Supports UPS management
Supports hot spare and automatic hot rebuild	System Management
Allows online capacity expansion within the enclosure	Automatic IP address configuration
Built-in serial port interface for remote event notification	Self-contained unit – no extras needed
Local audible event notification alarm	Management through Web browser
Storage Management	Flash upgradeable unit
Volume management	Supports Microsoft ADS/PDC and Unix NIS accounts import
Disk usage statistics	SNMP/MRTG management and notification
Hot spare capability	Fail-free online firmware upgrade
Volume snapshot	Unicode support
Volume replication	Multi-node management GUI
Connectivity	CLI management via Telnet or SSH
SMB, CIFS over TCP/IP	Data Protection
NFS over UDP/IP	proNAS High Availability (option)
Cross platform data access	proBackup Client Backup
Novell Netware support	proNAS Data and Configuration Backup
FTP, HTTP file transfer	Supports Veritas BackupExec Agent
DHCP	Power requirements
NAT	AC 90 V ~ 264 V Full range
Internet Gateway	16 A / 8 A, 47 Hz ~ 63 Hz
WINS Server	Physical Dimension
Unit acts as a DHCP Server	133(H) x 482(W) x 740(D) mm



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