

Simbolo NAS Series

SN-1403AH-PDC

SATA II NAS 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-1403AH-PDC 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-1403AH-PDC 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 1U chassis
- ▶ Supports up to Four (4) 1" hot - swappable SATA II hard drives
- ▶ 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
- ▶ Four 10/100/1000 Mb/s 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
- ▶ 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-1403AH-PDC

Hardware Platform

Intel Pentium Dual Core 1.6G ~ 2.0GHz or above processor
 Cache memory : 512MB ~ 2GB DDR2-533MHZ SDRAM
 Four Gigabit ethernet ports
 Up to Four 1" hot-swappable SATA II (3Gb/s, NCQ support) hard drives
 Real time drive activity and status indicators
 Environmental monitoring unit
 250W power supply with PFC
 Expansion PCI slot for H/W upgrade

RAID Controller

Hardware, 64 bits RISC CPU
 RAID level RAID 0, 1, 0+1, 3, 5, 6 and JBOD
 Supports 256MB cache
 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 Availabiltiy (option)
 proBackup Client Backup
 proNAS Data and Configuration Backup
 Support Veritas BackupExec Agent

Power requirements

AC 100V ~ 240 +/-10% Full range
 6A ~ 3A, 60Hz ~ 50Hz

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