

# Simbolo NAS Series

## Simbolo

SN-2803H-PDC

SN-2803H-C2D

NAS SATA II RAID Subsystem



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-2803H-PDC/SN-2803H-C2D 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-2803H-PDC/SN-2803H-C2D 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

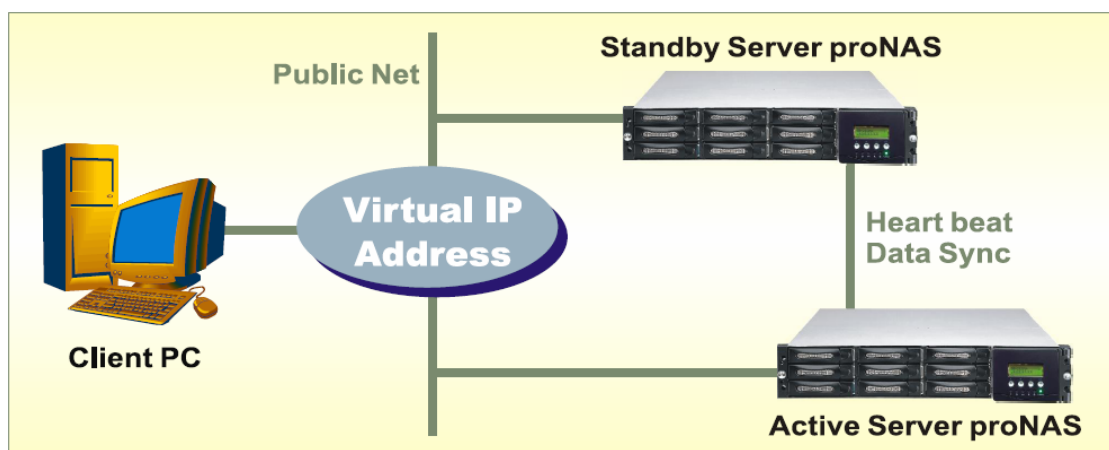
- ▶ Configurable to 19" rack-mountable 2U chassis.
- ▶ Supports up to eight (8) 1" hot-swappable SATA II hard drives.
- ▶ Supports Tape/DAT backup/restore.
- ▶ Supports RAID levels 0, 1, 0+1, 3, 5, 6 and JBOD.
- ▶ Smart-function LCD panel for RAID settings and ENC status.
- ▶ Supports hot spare and automatic hot rebuild.
- ▶ Allows online capacity expansion within the enclosure.
- ▶ Two Gigabit, one 10/100Mb 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.



# Technical Specifications

## Model SN-2803H-PDC / SN-2803H-C2D

<b>Hardware Platform</b>	Unit acts as a master browser
Intel Pentium Dual Core 1.6G or above processor (SN-2803H-PDC)	Share level security
Intel Core2 Duo 2.13G~2.66G or above processor (SN-2803H-C2D)	File level security
Cache memory: 1GB DDR2-533 FBDIMM up to 8GB	User ID security for NFS
Two Gigabit, one 10/100Mb Ethernet ports	<b>Macintosh Support</b>
Up to eight 1" hot-swappable SATA II (3Gb/s, NCQ support) HDD	AFP over Apple Talk
Real time drive activity and status indicators	AFP over TCP/IP
Environmental monitoring unit	Mac zones
Two (2) 400W hot-swap power supplies with PFC	<b>General</b>
Expansion PCI slot for H/W upgrade	File Server Independent
External SCSI for Tape backup	Peer-to-peer operation
<b>RAID Controller</b>	Localized language support
Intel 80321 64 bit RISC	Supports NIC/truncning/load balance/fail over
RAID level RAID 0, 1, 0+1, 3, 5, 6 and JBOD	Supports UPS management
Supports 128MB up to 1GB of cache ECC unbuffered	<b>System Management</b>
Supports hot spare and automatic hot rebuild	Automatic IP address configuration
Allows online capacity expansion within the enclosure	Self-contained unit – no extras needed
Built-in serial port interface for remote event notification	Management through Web browser
Local audible event notification alarm	Flash upgradeable unit
<b>Storage Management</b>	MS ADS/PDC and Unix NIS accounts import
Volume management	SNMP/MRTG management and notification
Disk usage statistics	Fail-free online firmware upgrade
Hot spare capability	Unicode support
Volume snapshot	Multi-node management GUI
Volume replication	CLI management via Telnet or SSH
<b>Connectivity</b>	<b>Data Protection</b>
SMB, CIFS over TCP/IP	proNAS high availability (option)
NFS over UDP/IP	proBackup client backup
Cross platform data access	proNAS data and configuration backup
Novell Netware support	Supports Veritas BackupExec Agent
FTP, HTTP file transfer	<b>Power requirements</b>
DHCP	AC 90 V ~ 264 V Full range
NAT	8 A / 5 A, 47 Hz ~ 63 Hz
Internet Gateway	<b>Physical Dimension</b>
WINS Server	88(H) x 482(W) x 740(D) mm
Unit acts as a DHCP Server	



Specifications are subject to change without notice.

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