

EPICa

EN-3166JS3H-NQX

NAS SAS / SATA II RAID Subsystems



Companies are looking for cost-effective storage solutions which can offer the high 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 EPICa 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 EN-3166JS3H-NQX is an SAS/SATA II NAS Subsystem with proNAS 1.3 operating system. It enhances system availability, and manages complex storage environments easily. For improving business productivity and minimizing business risks, EN-3166JS3H-NQX provides a volume replication and a volume snapshot function. It is also a full featured data protection system supporting RAID levels 0, 1, 5, 6, 10, 50 and 60. It supports hot spares, automatic hot rebuild and online capacity expansion within the enclosure.

NAS Features

- Configurable to 19" rack-mountable 3U chassis
- INTEL Nehalem based
- Supports up to Sixteen (16) 1" hot-swappable SAS/SATA II hard drives
- Supports Tape/DAT backup/restore (Option)
- Supports RAID levels 0, 1, 5, 6, 10, 50 and 60
- Smart-function LCD panel for ENC status
- Supports hot spare, automatic hot rebuild and online expansion file system
- Allows online capacity expansion within the enclosure
- Two Gigabit Ethernet ports, Support optional 10 Gigabit Ethernet
- 64 bit Linux-based embedded system
- 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 (Maximum 8 Exabytes)
- Support iSCSI Target and iSCSI Target trunking
- Support SFTP file transmission
- Support SNMP remote monitor system with hardware status
- Support Ethernet trunking to 8 ports
- Data Backup via backup plan and scheduling
- Enhance system configuration backup
- Local and external account management, support large account import
- Share management and permission (support ACL setting)
- Support E-mail notification and system log information
- Multi application support via proFamily



Series Technical Specifications

Model Number : EN-3166JS3H-NQX

Hardware Platform

Intel Quad Core Xeon 2.0G or above, single / dual Processor

Cache memory : 3GB DDR3 SDRAM up to 32GB

Two Gigabit Ethernet ports (option for 10 Gigabit Ethernet)

Up to Sixteen 1" hot-swappable SAS/SATA II

(3Gb/s, NCQ support) hard drives

Real time drive activity and status indicators

Environmental monitoring unit

Two(2) 700W hot-swap power supplies with PFC

Expansion PCI slot for H/W upgrade

RAID Controller

LSI SAS 8704EM2 500MHz PowerPC

RAID level RAID 0, 1, 5, 6, 10, 50 and 60

Supports 128MB 667 DDRII cache memory

Supports hot spare and automatic hot rebuild

Allows online capacity expansion within the enclosure

Local audible event notification alarm

Storage Management

Volume Management

Disk usage statistics

Hot spare capability

General

File Server Independent

Multiple language support

Support UPS management

System Management

Automatic IP address configuration

Self-contained unit - no extras needed

Management through Web browser

Flash upgradeable unit

SNMP / MRTG management and notification

Fail-free online firmware upgrade

Unicode support

Multi-node Management GUI

proNAS Data and Configuration Backup

Central Management

Block Storage

iSCSI Target Support

Networking

Supports NIC / trunking / load balance / fail over / 802.3ad

DHCP Server / DHCP Client

WINS Server

Internet gateway

Protocols

TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FXP, HTTP,

Telnet, SSH, (Novell by TCP/IP), (Mac by SMB/CIFS)

Support Samba "MediaHarmony"

Client Operating Systems Support

Microsoft Windows 98/ ME / NT/ 2000 / XP / 2003 / Vista / 2008

Unix / Linux

Mac OS

Novell

Authentication

Local User Account/Group

Microsoft NT Domain Controller (PDC)

Microsoft Active Directory Authentication (ADS)

Network Information Service (NIS)

Support batch creating users/Group

User quota management

Share level security

File level security

User ID security for NFS

Data Backup / Restore

Scheduling Multi-Snapshot

Replication

Duplication

Scheduling Rsync Replication

proBackup from client to NAS

Support CDP Server

High Availability

proNAS High Availability (optional)

Power requirements

AC 90V ~ 264V Full range, 12A ~ 6A, 47Hz ~ 63Hz

Physical Dimension

133(H) x 482(W) x 730(D) mm

Specification are subject to change without notice.

All company and product names are trademarks of their respective owners.



PROWARE TECHNOLOGY CORP.

Tel:886-2-2914-8001(Rep.) Fax:886-2-2914-7975

<http://www.proware.com.tw> E-mail:info@proware.com.tw

Your Storage Solutions Partner