

EPICa

EN-2126JS3H-QX

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-2126JS3H-QX is an SAS/SATA II NAS Subsystem with proNAS 1.2 operating system. It enhances system availability, and manages complex storage environments easily. For improving business productivity and minimizing business risks, EN-2126JS3H-QX 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 2U chassis
- Supports up to Twelve (12) 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
- Linux-based embedded system (256MB 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
- 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-2126JS3H-QX

Hardware Platform

Intel Quad Core Xeon 2.0G or above, single / dual Processor
Cache memory : 2GB DDR2 533/667 ECC REG DIMM up to 12GB
Two Gigabit Ethernet ports (10 Gigabit Ethernet option)
Up to Twelve (12)1" hot-swappable SAS/SATA II
(3Gb/s, NCQ support) hard drives
Real time drive activity and status indicators
Environmental monitoring unit
Two(2) 600W 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
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 (2000 / 2003 / 2008) / 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
Support CA ARCserve Agent
Support Netvault Agent
Support Acronis True Image backup software

Power requirements

AC 90V ~ 264V Full range, 10A ~ 5A, 47Hz ~ 63Hz

Physical Dimension

88(H) x 482(W) x 755(D) mm

Specification are subject to change without notice.

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