EPICa

EN-3166JS3H-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-3166JS3H-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-3166JS3H-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 3U chassis
· 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
· 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
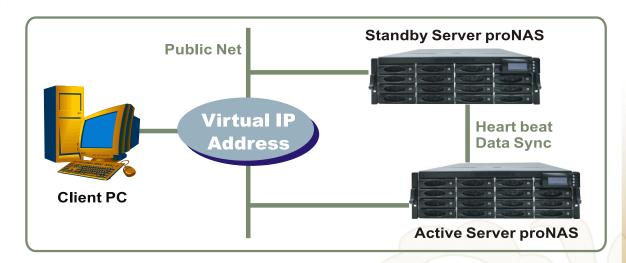· Multi application support via proFamily

Series Technical Specifications

Model Number : EN-3166JS3H-QX

Hardware Platform	File level security
Intel Quad Core Xeon 2.0G or above, single / dual Processor	User ID security for NFS
Cache memory：2GB DDR2 533/667 ECC REG DIMM up to 12GB	**Macintosh Support**
Two Gigabit Ethernet ports (10 Gigabit Ethernet option)	AFP over Apple Talk
Up to Sixteen 1" hot-swappable SAS / SATA II	AFP over TCP/IP
(3Gb/s, NCQ support) hard drives	Mac zones
Real time drive activity and status indicators	**General**
Environmental monitoring unit	File Server Independent
Two(2) 700W hot-swap power supplies with PFC	Peer-to-peer operation
Expansion PCI slot for H/W upgrade	Localized language support
RAID Controller	Supports NIC / trunking / load balance / fail over
LSI SAS 8704EM2 500MHz PowerPC	Support UPS management
RAID level RAID 0, 1, 5, 6, 10, 50 and 60	**System Management**
Supports 128MB 667 DDRII cache memory	Automatic IP address configuration
Supports hot spare and automatic hot rebuild	Self-contained unit - no extras needed
Allows online capacity expansion within the enclosure	Management through Web browser
Local audible event notification alarm	Flash upgradeable unit
Storage Management	Supports Microsoft ADS (2000 / 2003 / 2008) / PDC and
Volume Management	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 Availabiltiy (option)
Cross platform data access	proBackup Client Backup
Novell Netware support	proNAS Data and Configuration Backup
FTP, HTTP file transfer	Support Veritas BackupExec Agent
DHCP	Support CA ARCserver Agent
NAT	Support Netvault Agent
Internet gateway	Support Acronis True Image backup software
WINS Server	**Power requirements**
Unit acts as a DHCP server	AC 90V ~ 264V Full range, 10A ~ 5A, 47Hz ~ 63Hz
Unit acts as a master browser	**Physical Dimension**
Share level security	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.

Standby Server proNAS

Public Net

Virtual IP Address

Client PC

Heart beat Data Sync

Active Server proNAS

Your Storage Solutions Partner