

EPICa

EN-1403AH-ADC

1U Rack-Mounted SATAII NAS 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.

The EN-1403AH-ADC is an SATAII NAS subsystem with Proware proNAS 1.X operating system, which also 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. For improving business productivity and minimizing business risks, EN-1403AH-ADC provides functionality such as volume replication and snapshot. It is also a full featured data protection system supporting RAID levels 0, 1, 10(1E), 3, 5 and JBOD. It supports hot spares, automatic hot rebuild and online capacity expansion within the enclosure.

Features

- Configurable to 19" rack-mountable 1U chassis
- Supports up to Four (4) 2.5" and 3.5" hot - swappable SATA II hard drives
- Supports RAID levels 0, 1, 10(1E), 3, 5 and JBOD
- Support iSCSI target for IP storage environment
- Support Fiber target for Fiber storage environment (Optional)
- Smart-function LCD panel for RAID, environment status display and IP address setting
- Supports auto-hot spare and automatic hot rebuild
- 64 bit Linux based embedded OS design
- Supports Tape/DAT backup/restore (Optional)
- Centralization of Data and Storage Management
- 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
- Online expansion file system
- Support E-mail notification and system log information
- Multi application support via proFamily
- Support Multiple Protocol



Series Technical Specifications

EN-1403AH-ADC

Hardware Specification

Intel Atom Dual Core 1.8G CPU

Cache memory : 2GB DDR3 800 MHz (up to 4GB)

Supports 4 SATA2 hard drives

Two Gigabit Ethernet port

Environmental monitoring unit

220W power supply with PFC

Power Requirements

AC 100V ~ 240V Full Range

6A ~ 3A, 50 ~ 60Hz

RAID Controller

400MHz storage I/O processor

Support 128MB Cache memory

Support RAID level: 0,1,10(1E),3,5,JBOD

Support hot spare and automatic hot rebuild

Environmental

Relative Humidity : 10% ~ 85% Non-condensing

Operating Temp : 10°C ~ 40°C (50°F ~ 104°F)

Physical Dimensions : 44(H) x 446.4(W) x 500(D)mm

NAS Functionality

Storage Management

Volume Management (Support XFS, ext3 & ext4 file system)

Disk usage statistics

Hot spare capability

iSCSI Target Manager: Support LUN Mapping / Initiator filter

FC Target Manager: Support LUN Mapping / WWN filter

General

File Server Independent

Multiple language support

Support UPS management

support LV encryption

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 Configuration Backup

Central Management

Networking

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

DHCP Server / DHCP Client

WINS Server

Internet gateway

Client Operating Systems Support

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

Unix / Linux

Mac OS

Protocols

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

Telnet, SSH, AFP ,(Novell by TCP/IP, WebDAV)

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

Recycle bin (Samba)

Audit file access (Samba)

Write once read many (WORM)

Block Storage

iSCSI Target Support

Fiber Target Support (optional)

Data Backup / Restore

Symantec BackupExec Agent (by additional installation)

Scheduling Multi-Snapshot (Support snapshot of iSCSI & FC)

Replication (Remote RealTime Data mirror)

proNAS High-Availability (optional)

Scheduling Duplication

Scheduling Rsync Replication

proBackup from client to NAS

Support NetVaultR backup Client (by additional installation)

Support CAARCserve (by additional installation)

Support CDP Server (by additional installation)

Support Mac Time machine

The capability of backup/restore service depends on memory resource. Please contact your vendor for more detail information.

Specification are subject to change without notice.

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