

EPICa

EN-3166 6G SAS NAS EN-3166JS6T-SQX



As the number of users and the amount of data grows, how to find a storage which can offer complete data protection, good performance, with reliability and high scalability is the key for all enterprises and companies. The EN-3166 6G SAS NAS based on latest proNAS 3.0 operating system. Except for basic NAS functions, it supports a variety of advanced storage management and application features such as VAAI, HA, Thin-Provisioning, etc, and it can be deployed easily in any IT environment since it supports multiple interfaces for different host server and clients.

For data protection, EN-3166 supports RAID level 0, 1, 5, 6, 10, 50 and 60 mode, and drives can be set hot spares, have automatically hot rebuilding and online capacity expansion within the enclosure. EN-3166 has a fully-featured backup solution including manual or scheduled backup for file, folder, and shares, and it can be backup and restore from multiple local or remote devices. And there are volume clone, snapshot, remote replication, and data copy for options, which are all designed to ensure and enhance your precious data.

Features

- Account Manager support NIS
- Allows online capacity expansion within the enclosure
- Android/iOS mobile APP for monitoring
- Backup to Cloud (Amazon S3)
- Backup/Restore from attached storage (USB/eSATA/iSCSI/RDX)
- Backup/Restore from remote share (CIFS/NFS)
- Bonjour Protocol, easily connect to NAS
- Central data and storage management
- Data backup via backup plan/schedule
- Data copy (1:1)
- EXT4 support extend over 16TB
- HA support Active-Active mode
- HA support iSCSI/FC volume
- HA support Three nodes
- iSCSI/FC/share volume replication
- ISO mount
- Latest volume snapshot technology
- Local and external account management, support large account import
- Online expansion file system
- Plug-in management
- Select share or file for backup/restore
- Share management and permission (support ACL setting)
- Support Fiber target for Fiber SAN (Optional)
- Support Internet Gateway
- Support iSCSI target for IP SAN
- Support iSCSI initiator
- Support iSCSI multi host
- Support e-mail notification, SNMP Trap/MIB and system log
- System configuration backup/restore
- Thin Provisioning
- Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS)
- Volume replication to enhance data protection
- Volume switch between iSCSI and FC Target
- VMware ESXi 5 iSCSI/FC/NFS VAAI support
- Wizard-oriented GUI design
- WORM (Write Once Read Many) support CIFS/NFS



Series Technical Specifications

EN-3166JS6T-SQX

NAS Hardware Specification

Intel Quad Core Xeon 3.1G processor	Supports 512MB DDRII cache memory
Cache memory : 4GB DDR3 ECC SDRAM up to 32GB	Supports hot spare and automatic hot rebuild
Three Gigabit Ethernet ports (10 Gigabit Ethernet for options)	Allows online capacity expansion within the enclosure
Up to Sixteen 2.5"/3.5" hot-swappable 6Gb/s SAS/SATA hard drives	Local audible event notification alarm
Real-time drive activity and status indicators	Environmental
Environmental monitoring unit	Operating temp : 10°C~40°C(50°F~104°F)
Two(2) 460W 80plus hot- swappable power supplies with PFC	Relative humidity : 10%~85% Non-condensing
Spare PCI-E slot for H/W upgrade	Physical Dimension
RAID Controller	133(H) x 482(W) x 730(D) mm
800MHz RAID-On-Chip storage processor	Power requirements
Supports RAID level: RAID 0, 1, 5, 6, 10, 50 and 60	AC 100V ~ 240V Full range
	10A ~ 5A, 47~63Hz

NAS Functionality

Storage Management

Volume management (Support XFS, EXT3 and EXT4 file system)	Microsoft Active Directory Authentication (ADS)
Disk usage statistics	Network Information Service (NIS)
Hot spare drives	Support OpenLDAP service
iSCSI Target manager: Support LUN Mapping/Initiator Filter/Thin Provisioning	Support creating users by batch
FC Target manager: Support LUN Mapping/Thin Provisioning	User quota management
VAAI support for iSCSI/FC/NFS	Share level security

General

Independent file server	File level security
Multiple language support	User ID security for NFS
Support UPS	Recycle bin (Samba)
Support LV encryption	File access log, audit (Samba)

System Management

Automatic IP address configuration	Write Once Read Many (WORM)
Web browser-based management	Block Storage
SNMP management and notification	iSCSI Target Support
Fail-free online firmware upgrade	Fiber Target Support (optional)
Unicode support	Thin Provisioning support
Multi-node management GUI	VMware VAAI support

Protocols

System configuration backup/restore	Virtualization
Central management	VMware/Citrix/Hyper-V
Quick wizard	VMware VAAI for NFS support
APP for Android/iOS monitoring	Attached Storage
Networking	ISO Mount
Support NIC/Trunking/Load Balance/Fail Over/802.3ad	USB/eSATA/iSCSI initiator
DHCP Server/DHCP Client	Data Backup / Restore
WINS Server	Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS)
Internet gateway	Symantec BackupExec Agent (by additional installation)

Client Operating Systems Support

TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FTP, HTTP, HTTPS, Telnet, SSH, AFP, WebDAV, Bonjour, TFTP	Scheduling multi-snapshot (Support iSCSI & FC snapshot)
Authentication	Replication (Remote realtime data mirroring)
Local user account/group	proNAS High-Availability (Three(3) nodes HA Cluster)(optional)
Microsoft NT Domain Controller (PDC)	Scheduling Rsync Replication

Authentication

Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista/2008/Win7/Windows 2012/Win 8	Support NetVault backup client (by additional installation)
Unix / Linux	Support CA ARCserve (by additional installation)
Mac OS	Data copy (copy files to other share/attached storage)
Authentication	Scheduling backup
Local user account/group	Differential/incremental backup
Microsoft NT Domain Controller (PDC)	iSCSI/FC Replication
	Amazon S3 backup
	backup/restore from attached storage (USB/eSATA/iSCSI/RDX)
	Support CDP server (by additional installation)
	Support Apple Time Machine

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