

EPICa

EN-2806 6G SAS NAS EN-2806JS6T-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-2806 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-2806 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-2806 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-2806JS6T-SQX

NAS Hardware Specification

Intel Quad Core Xeon 3.1G processor	Support drive hot spare and automatic hot rebuild
Cache memory : 4GB DDR3 ECC SDRAM up to 32GB	Allow online capacity expansion within the enclosure
Three Gigabit Ethernet ports (10 Gigabit Ethernet for options)	Locally audible event notification alarm
Up to Eight 2.5"/3.5" hot-swappable 6Gb/s SAS/SATA hard drives	Environmental
Real-time drive activity and status indicators	Operating temp : 10°C~40°C (50°F~104°F)
Environmental monitoring unit	Relative humidity : 10%~85% Non-condensing
Two(2) 460W 80plus hot- swappable power supplies with PFC	Physical Dimension
Spare PCI-E slot for H/W upgrade	88(H) x 482(W) x 620(D)mm
RAID Controller Specifications	Power requirements
800MHz RAID-On-Chip storage processor	AC 100V ~ 240V Full range
Support RAID level: RAID 0, 1, 5, 6, 10, 50 and 60	10A ~ 5A, 47~63Hz
Support 512MB DDRII cache memory	

NAS Functionality

Storage Management	Microsoft Active Directory Authentication (ADS)
Volume management (Support XFS, EXT3 and EXT4 file system)	Network Information Service (NIS)
Disk usage statistics	Support OpenLDAP service
Hot spare drives	Support creating users by batch
iSCSI Target manager: Support LUN Mapping/Initiator Filter /Thin Provisioning	User quota management
FC Target manager: Support LUN Mapping/Thin Provisioning	Share level security
VAAI support for iSCSI/FC/NFS	File level security
General	User ID security for NFS
File Server Independent	Recycle bin (Samba)
Multiple language support	File access log, audit (Samba)
Support UPS management	Write Once Read Many (WORM)
Support LV encryption	Block Storage
System Management	iSCSI Target Support
Automatic IP address configuration	Fiber Target Support (optional)
Web browser-based management	Thin Provisioning support
SNMP management and notification	VMware VAAI support
Fail-free online firmware upgrade	Virtualization
Unicode support	VMware/Citrix/Hyper-V
Multi-node management GUI	VMware VAAI for NFS support
System configuration backup/restore	Attached Storage
Central management	ISO Mount
Quick wizard	USB/eSATA/iSCSI initiator
APP for Android/iOS monitoring	Data Backup / Restore
Networking	Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS)
Supports NIC / Trunking / load balance / fail over / 802.3ad	Symantec BackupExec Agent (by additional installation)
DHCP Server / DHCP Client	Scheduling multi-snapshot (Support iSCSI & FC snapshot)
WINS Server	Replication (Remote realtime data mirroring)
Internet gateway	proNAS High-Availability (Three(3) nodes HA Cluster)(optional)
Protocols	Scheduling Rsync Replication
TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FXP, HTTP, HTTPS, Telnet, SSH, AFP, WebDAV, Bonjour, TFTP	Support NetVault backup client (by additional installation)
Client Operating Systems Support	Support CA ARCserve (by additional installation)
Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista/2008 /Win7/Windows 2012/Win 8	Data copy (copy files to other share/attached storage)
Unix / Linux	Scheduling backup
Mac OS	Differential/incremental backup
Authentication	iSCSI/FC Replication
Local user account/group	Amazon S3 backup
Microsoft NT Domain Controller (PDC)	backup/restore from attached storage (USB/eSATA/iSCSI/RDX)
	Support CDP server (by additional installation)
	Support Apple Time Machine

Specification are subject to change without notice. All company and product names are trademarks of their respective owners.



UNIFOSA 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