

EPICa

EN-2806 12G SAS NAS EN-2806SCB-CM



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 12Gb SAS NAS based on latest proNAS 3.6 operating system. Except for basic NAS functions, it supports a variety of advanced storage management and application features such as VAAI, 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
- Backup to Cloud (Amazon S3)
- Backup/Restore from attached storage (USB/eSATA/iSCSI/RDX/USM)
- Backup/Restore from remote share (CIFS/NFS)
- Bonjour Protocol, easily connect to NAS
- Compression (Support on ZFS file system)
- Central data and storage management
- Data backup via backup plan/schedule
- Data copy (1:1)
- Deduplication (Support on ZFS file system)
- EXT4 support extend over 16TB
- iSCSI/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 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/ZFS/Btrfs)
- Volume replication to enhance data protection
- VMware ESXi 5 iSCSI/NFS VAAI support
- Wizard-oriented GUI design
- WORM (Write Once Read Many) support CIFS/NFS



Series Technical Specifications

EN-2806SCB-CM

NAS Hardware Specification

Intel Celeron 3.4GHz or above	RAID Controller
Optional: Intel Pentium, Core i3 / i5 / i7	1.2GHz dual core RAID on Chip (ROC) storage processor
Cache memory : 8GB DDR4 SDRAM up to 32GB	Support RAID level: RAID 0, 1, 5, 6, 10, 50 and 60
Four USB3.0 ports	Support 1GB DDRIII cache memory
Two Gigabit Ethernet ports	Support drive hot spare and automatic hot rebuild
Up to Eight 2.5"/3.5" hot-swappable 12Gb/6Gb SAS/SATA hard drives	Allow online capacity expansion within the enclosure
Real-time drive activity and status indicators	Locally audible event notification alarm
Environmental monitoring unit	Physical Dimension
Two(2) 460W hot-swappable power supplies with PFC	88(H) x 482(W) x 500(D)mm
Environmental	Power requirements
Operating temp : 10°C~40°C(50°F~104°F)	AC 100V ~ 240V Full range
Relative humidity : 10%~85% Non-condensing	10A ~ 5A, 47~63Hz

NAS Functionality

Storage Management	Microsoft Active Directory Authentication (ADS)
Volume management (Support Btrfs, ZFS, XFS, EXT3 and EXT4 file system)	Network Information Service (NIS)
Support Compression and Deduplication (Support on ZFS file system)	Support OpenLDAP service
Disk usage statistics	Support creating users by batch
Hot spare drives	User quota management
iSCSI Target manager: Support LUN Mapping/Initiator Filter/Thin Provisioning	Share level security
VAAI support for iSCSI/NFS	File level security
General	User ID security for NFS
Independent file server	Recycle bin (Samba)
Multiple language support	File access log, audit (Samba)
Support UPS	Write Once Read Many (WORM)
Support LV encryption	Block Storage
System Management	iSCSI Target Support
Automatic IP address configuration	Thin Provisioning support
Web browser-based management	VMware VAAI support
SNMP management and notification	Virtualization
Fail-free online firmware upgrade	VMware/Citrix/Hyper-V
Unicode support	VMware VAAI for NFS support
Multi-node management GUI	Attached Storage
System configuration backup/restore	ISO Mount
Central management	USB/eSATA*/iSCSI initiator
Quick wizard	Data Backup / Restore
Networking	Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS/ZFS/Btrfs)
Support NIC/Trunking/Load Balance/Fail Over/802.3ad	Symantec BackupExec Agent (by additional installation)
DHCP Server/DHCP Client	Scheduling multi-snapshot (Support iSCSI snapshot)
WINS Server	Replication (Remote realtime data mirroring)
Internet gateway	Scheduling Rsync Replication
DDNS	Support NetVault backup client (by additional installation)
Protocols	Support CA ARCserve (by additional installation)
TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FXP, HTTP, HTTPS,	Data copy (copy files to other share/attached storage)
Telnet, SSH, AFP, WebDAV, Bonjour, TFTP	Scheduling backup
Client Operating Systems Support	Differential/incremental backup
Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista/2008/Win7/	iSCSI Replication
Windows 2012/Win 8/Win 10/2016	Amazon S3 backup
Unix/Linux	backup/restore from attached storage
Mac OS	(USB/eSATA*/iSCSI/RDX*/USM*)
Authentication	Support Apple Time Machine
Local user account/group	Plug-in management
Microsoft NT Domain Controller (PDC)	Anti-Virus
	Central management
	iTunes Server
	Virtualization (VM on NAS)

* By OEM request

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UNIFOSA CORP.
Tel:886-2-2914-8001(Rep.) Fax:886-2-2914-7975
http://www.proware.com.tw E-mail:info@proware.com.tw

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