

EPICa

EN-2126 12G SAS NAS EN-2126JSCT-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-2126 12G SAS NAS based on latest proNAS 3.1 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-2126 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-2126 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/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
- 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
- SSD Caching (Read cache, Support on ZFS file system)
- Thin Provisioning
- Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS /ZFS)
- 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-2126JSCT-SQX

NAS Hardware Specification

| | |
|---|--|
| Intel Quad Core Xeon 3.1G processor | Support 1GB DDRIII cache memory |
| Cache memory : 8GB DDR3 ECC SDRAM up to 32GB | Support drive hot spare and automatic hot rebuild |
| Four Gigabit Ethernet ports (10 Gigabit Ethernet for options) | Allow online capacity expansion within the enclosure |
| Up to Twelve 2.5"/3.5" hot-swappable 12Gb/s SAS, 6Gb/s SATA hard drives | Locally audible event notification alarm |
| Connect up to 128 3Gb/s, 6Gb/s, or 12Gb/s SATA and SAS devices | 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 PCIE/PCI slot for H/W upgrade | 88(H) x 482(W) x 620(D)mm |
| RAID Controller Specifications | Power requirements |
| 1.2GHz dual core RAID on Chip (ROC) storage processor | AC 100V ~ 240V Full range |
| Support RAID level: RAID 0, 1, 5, 6, 10, 50 and 60 | 10A ~ 5A, 47~63Hz |

NAS Functionality

| | |
|---|--|
| Storage Management | Microsoft Active Directory Authentication (ADS) |
| Volume management (Support ZFS, XFS, EXT3 and EXT4 file system) | Network Information Service (NIS) |
| Support SSD Caching, 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 |
| FC Target manager: Support LUN Mapping/Thin Provisioning | File level security |
| VAAI support for iSCSI/FC/NFS | User ID security for NFS |
| General | Recycle bin (Samba) |
| Independent file server | File access log, audit (Samba) |
| Multiple language support | Write Once Read Many (WORM) |
| Support UPS | Block Storage |
| Support LV encryption | iSCSI Target Support |
| System Management | Fiber Target Support (optional) |
| 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 |
| APP for Android/iOS monitoring | Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS/ZFS) |
| Networking | Symantec BackupExec Agent (by additional installation) |
| Support NIC/Trunking/Load Balance/Fail Over/802.3ad | Scheduling multi-snapshot (Support iSCSI & FC snapshot) |
| DHCP Server/DHCP Client | Replication (Remote realtime data mirroring) |
| WINS Server | proNAS High-Availability (Three(3) nodes HA Cluster)(optional) |
| 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/FTP, HTTP, HTTPS, Telnet, SSH, AFP, WebDAV, Bonjour, TFTP | Data copy (copy files to other share/attached storage) |
| Client Operating Systems Support | Scheduling backup |
| Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista/2008/Win7/Windows 2012/Win 8 | Differential/incremental backup |
| Unix/Linux | iSCSI/FC Replication |
| Mac OS | Amazon S3 backup |
| Authentication | backup/restore from attached storage |
| Local user account/group | (USB/eSATA*/iSCSI/RDX*/USM*) |
| Microsoft NT Domain Controller (PDC) | Support Apple Time Machine |

* By OEM request

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

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