

EPICa

EN-2126 6G SAS NAS EN-2126JS6T-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 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-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)
- 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-2126JS6T-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 Twelve 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 |

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