EPICa

EN-2120 6G SATA NAS
EN-2120A6T-PDC

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-2120 6G SATA 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-2120 supports RAID level 0, 1, 5, 6, 10 and 50 mode, and drives can be set hot spares, have automatically hot rebuilding and online capacity expansion within the enclosure. EN-2120 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 volume
- HA support Three nodes
- 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)
- 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-2120A6T-PDC

NAS Hardware Specification

Intel Pentium 3.1GHz CPU or above	**RAID Controller**
Cache memory : 4GB DDR3 up to 16GB	Highpoint RocketRAID 2720
Two USB3.0 and Four USB2.0 ports	Support RAID level: RAID 0, 1, 5, 6, 10, 50
Two Gigabit Ethernet ports	Support drive hot spare and automatic hot rebuild
Up to Twelve 2.5"/3.5" hot-swappable 6Gb/s 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) 400W 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	8A ~ 4A, 47~63Hz

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	User quota management
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**
APP for Android/iOS monitoring	Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS)
Networking	Symantec BackupExec Agent (by additional installation)
Support NIC/Trunking/Load Balance/Fail Over/802.3ad	Scheduling multi-snapshot (Support iSCSI 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
Protocols	Support NetVault backup client (by additional installation)
TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FXP, HTTP, HTTPS,	Support CA ARCserve (by additional installation)
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/	Differential/incremental backup
Windows 2012/Win 8	iSCSI Replication
Unix / Linux	Amazon S3 backup
Mac OS	backup/restore from attached storage (USB/eSATA/iSCSI/RDX)
Authentication	Support CDP server (by additional installation)
Local user account/group	Support Apple Time Machine
Microsoft NT Domain Controller (PDC)	

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