

EPICa

DN-500A6B-CM

Desktop 6Gb SATA NAS Subsystem



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 DN-500 6G SATA 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, DN-500 supports RAID level 0, 1, 5, 6, 10 and Linear(JBOD) mode, and drives can be set hot spares, have automatically hot rebuilding and online capacity expansion within the enclosure. DN-500 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

DN-500A6B-CM

NAS Hardware Specification

Intel Celeron 3.4GHz or above	Support drive hot spare and automatic hot rebuild
Optional: Intel Pentium, Core i3 / i5 / i7	Locally audible event notification alarm
Cache memory : 8GB DDR4 SDRAM up to 32GB	Power requirements
Four USB3.0 ports	AC 100V ~ 240V Full range
Two Gigabit Ethernet ports	4.5A~2.5A, 50~60Hz
Support RAID level: RAID 0, 1, 5, 6, 10 and Linear(JBOD)	Environmental
Up to Five(5) 2.5"/3.5" hot-swappable 6Gb/s SATA3 hard drives	Relative humidity : 10%~85% Non-condensing
Real-time drive activity and status indicators	Operating temp : 10°C~40°C(50°F~104°F)
Environmental monitoring unit	Physical Dimension: 261(H) x 180(W) x 390(D)mm
300W power supply with PFC (80 plus)	Weight: 9.1kg (without drives)

NAS Functionality

Storage Management

Volume management (Support Btrfs, ZFS, XFS, EXT3 and EXT4 file system)
Support Compression and Deduplication (Support on ZFS file system)
Disk usage statistics
Hot spare drives
iSCSI Target manager: Support LUN Mapping/Initiator Filter/Thin Provisioning
VAAI support for iSCSI/NFS

General

Independent file server
Multiple language support
Support UPS
Support LV encryption

System Management

Automatic IP address configuration
Web browser-based management
SNMP management and notification
Fail-free online firmware upgrade
Unicode support
Multi-node management GUI
System configuration backup/restore
Central management
Quick wizard

Networking

Support NIC/Trunking/Load Balance/Fail Over/802.3ad
DHCP Server/DHCP Client
WINS Server
Internet gateway
DDNS

Protocols

TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/XP, HTTP, HTTPS, Telnet, SSH, AFP, WebDAV, Bonjour, TFTP

Client Operating Systems Support

Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista/2008/Win7/
Windows 2012/Win 8/Win 10/2016
Unix/Linux
Mac OS

Authentication

Local user account/group
Microsoft NT Domain Controller (PDC)

Microsoft Active Directory Authentication (ADS)

Network Information Service (NIS)

Support OpenLDAP service

Support creating users by batch

User quota management

Share level security

File level security

User ID security for NFS

Recycle bin (Samba)

File access log, audit (Samba)

Write Once Read Many (WORM)

Block Storage

iSCSI Target Support

Thin Provisioning support

VMware VAAI support

Virtualization

VMware/Citrix/Hyper-V

VMware VAAI for NFS support

Attached Storage

ISO Mount

USB/eSATA/iSCSI initiator

Data Backup / Restore

Volume Clone (EXT3/EXT4/XFS/NTFS/VMFS/ZFS/Btrfs)

Symantec BackupExec Agent (by additional installation)

Scheduling multi-snapshot (Support iSCSI snapshot)

Replication (Remote realtime data mirroring)

Scheduling Rsync Replication

Support NetVault backup client (by additional installation)

Support CA ARCserve (by additional installation)

Data copy (copy files to other share/attached storage)

Scheduling backup

Differential/incremental backup

iSCSI Replication

Amazon S3 backup

backup/restore from attached storage

(USB/eSATA/iSCSI/RDX*/USM*)

Support Apple Time Machine

Plug-in management

Anti-Virus

Central management

iTunes Server

* By OEM request.

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