

NASdeluxe NDL-2700ST/2800SR

iSCSI/NAS system

The NASdeluxe is a reliable 7/8-bay iSCSI/NAS system with flexible connectivity and many outstanding features.

- RAID Level 0, 1, 5, 6, 10 and JBOD
- Max. 8x SAS/SATA II HDDs, Hot-swappable
- Stackable
- Flexible connectivity:
 - 1x eSATA port
 - 4x USB (2x front, 2x rear)
 - 2x Gigabit Ethernet ports
- RAID Migration and RAID Expansion
- Over 100 MB/s data transfer rate r/w (iSCSI)
- Snapshot function with scheduler
- Dual DOM Flash BIOS
- Load Balance and Fail over
- FTP-Server function
- Mediaserver function
- Download-Manager (HTTP/FTP/BT)
- Easy installation wizard software
- Easy management via web-based GUI



NDL-2800SR with closed and open door for 8x SAS/SATA HDDs



iSCSI Ready

NDL system is not only a file server, but it also supports iSCSI Initiators. Your server can access the NDL system as a direct-attached-storage over the LAN or Internet. There is no easier way to expand the capacity of your current application servers. All storage needs can be centrally managed and deployed. This brings ultimate flexibility to users.

Multiple RAID

NDL system supports multiple RAID volumes on one system. So, you can create RAID 0 for your non-critical data, and create RAID 5 or RAID 6 for your mission-critical data. Create the RAID level protection depending on your needs.



NDL-2700ST with open and closed door for 7x SAS/SATA II HDDs

Faster and Fastest

NDL system is equipped with an Ultra Low Voltage Intel® 2.16GHz Core 2 Duo processor and 4096MB DDR2 system memory, which provides even faster response and more concurrent connections. With its built-in Module compatibility, the NDL system is able to run more applications at the same time.

Superior Power Management

NDL system supports scheduled power on/off. With this feature, users can set what time the system turns on or off. This feature is a big plus for people who want to save energy. Wake-On-LAN enables users to remotely turn the system on without leaving their desk.

Complete Network Reliability

Because businesses depend on being able to retrieve their data, the NDL system comes with both Load Balancing and Failover to optimize and ensure network traffic.

With its Failover capability, the NDL system automatically switches to an alternate Ethernet connection if the first one is inaccessible. With these two functions, the NDL system provides users with greater network reliability.

Easy Remote Backup

The NDL system is also equipped with Nsync, NASdeluxe's remote data backup application. With Nsync, users can have the NDL system automatically upload files to an external storage device at a designated time. If the external device is another NASdeluxe NAS, the connection is made via a secure connection. Designed for SMBs for enhanced protection, Nsync takes the guesswork out of data backup.



NASdeluxe NDL-2700ST/2800SR

Technical Data

CPU

Intel Core 2 Duo 2.16GHz

Memory

4096MB DDR2 SDRAM

HDDs

7/8 x 3.5" SAS/SATA II HDD, Hot-swappable

eSATA port

1 x eSATA connector for capacity expansion

USB port

4 x USB Host mode (2x front, 2x rear)

Ethernet ports

2 x Gigabit RJ-45 Connector

USV port

1x RS232

Link aggregation

802.3ad based Fail over, Load Balancing

LCD Control Panel

For basic configurations and status display

Network File Protocols

Microsoft Networks (CIFS/SMB)/Apple Filing Protocol (AFP 3)
Network File System (NFS v3)/File Transfer Protocol (FTP)
Hyper Text Transfer Protocol (HTTP)/Secure Hyper Text Transfer Protocol (HTTPS)

Authentication

Local user database
Microsoft Active Directory Authentication (AD)

Network Client Type

Microsoft Windows 2000/XP/2003/Vista
Unix/Linux
MAC OS X, OS 9

Network Configuration

Fixed IP Address (static), Dynamic IP Address (DHCP), UPnP

Disk Management

Power Management (Disk idle spin-down)
Disk Status Monitoring (S.M.A.R.T.)

RAID

RAID 0, 1, 5, 6, 10 and JBOD
Multiple data volume supported in each RAID
File system selectable in each RAID volume
Global and dedicated hot spare disks
Multiple RAID volume supported
Configurable RAID stripe size
RAID-Level Migration and expansion
Instant RAID volume availability

iSCSI Features

Target device for iSCSI initiator
Act as stackable master
Stack target device for stack master

Backup/Data Protection

NASdeluxe Backup Utility (MS Windows XP/2000 /MAC OS X)
Client data backup incremental/Scheduled for Microsoft Platform
Client system disaster recovery for Microsoft Platform

System Management

Web GUI
Multilingual Support (English, French, German, Italian, Traditional Chinese, Simplified Chinese, Japanese, Korean, Spanish)
NTP supported
Wake-On-LAN
Schedule Power On/Off - For better power management
Power on after power loss
Event notification via email and LCD
Run time system transaction recording in system log

Supported USB Devices

USB Printer
External HDD/Flash disk
USB IEEE 802.11 b/g dongle w/AP mode support

IP CAM for Surveillance

Setup Utility

Windows 2000/XP/2003
MAC OS X

Safety and Environment

CE, FCC, BSMI, C-Tick, RoHS Compliant

Dimension

- NDL-2700ST: 210 x 320 x 270 mm (W x H x D)
- NDL-2800SR: 430 x 87 x 600 mm (W x H x D)

Operating Environment

0 - 40°C, 20 - 85% Relative Humidity (non-condensing)

Power Supply

Server-rated AC PS, 100/220VAC, 50/60 Hz, Auto detect
- NDL-2700ST: 1x 300W
- NDL-2800SR: 2x 450W redundant

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