

NASdeluxe NDL-2450R/-2550T

iSCSI/NAS system

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

- RAID Level 0, 1, 5, 6, 10 and JBOD
- Max. 5x SATA II HDDs, Hot-swappable
- Stackable
- Flexible connectivity:
 - 1x eSATA port
 - 6x USB (1x front, 5x rear)
 - 2x Gigabit Ethernet ports
- RAID Migration and RAID Expansion
- Over 85 MB/s data transfer rate r/w (iSCSI)
- Snapshot function with scheduler
- Dual DOM boot protection
- Load Balance and Fail over
- FTP-Server function
- Mediaserver function
- Printserver function
- UPS support
- Download-Manager (HTTP/FTP/BT)
- Easy installation wizard software
- Easy management via web-based GUI



NDL-2450R with closed and open door for 4x SATA HDDs

iSCSI Ready

NASdeluxe is not only a file server, but it also supports iSCSI Initiators. Your server can access NASdeluxe 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

NASdeluxe 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-2550T with closed and open door

RAID Level 5

Read	90
Write	85

Filecopy Performance (MB/s)

Faster and Fastest

NDL-2450R/-2550T is equipped with an Ultra Low Voltage **Intel® 1.86GHz Celeron® M Processor and 1024MB DDR II system memory**, which provides even faster response and more concurrent connections. With its built-in Module compatibility, the NASdeluxe is able to run more applications at the same time.

Superior Power Management

NASdeluxe 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 seat.

Complete Network Reliability

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

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

Easy Remote Backup

The NASdeluxe is also equipped with Nsync, NASdeluxe's remote data backup application. With Nsync, users can have the NASdeluxe automatically upload files to an external storage device at a designated time.



NASdeluxe NDL-2450R/-2550T

Technical Data

HDDs

4/5 x 3.5" SATA II HDD, Hot-swappable

Block Level Access

iSCSI Target: Supports Microsoft/MAC/Linux initiator

iSCSI initiator: For stackable with other NDL-Systems

Specials

Snapshot-Functionality

Dual DOM boot protection

IC CAM surveillance Server

eSATA port

1 x eSATA connector for capacity expansion

USB port

5 x USB A type (Host mode)/1 x USB B type (Client mode)

Ethernet ports

2 x Gigabit RJ-45 Connector, WOL supported

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)

Transport Protocols

TCP/IP/Appletalk

Authentication

Microsoft Active Directory Authentication (AD) as Client

Network Client Type

Microsoft Windows 2000/XP/2003/Vista

Unix/Linux/BSD, MAC OS X, OS 9

Data Access

WebDisk (Web-based file access), FTP,

Download manager (HTTP/FTP/BT (BitTorrent))

Network Configuration

Fixed IP Address, Dynamic IP Address

IP sharing mode can be enabled/disabled

Disk Management

Power Management (Disk idle spin-down)

Roaming to another NASdeluxe

RAID

RAID 0, 1, 5, 6, 10 and JBOD

Supports multiple RAID modes (Users can create multiple RAID's on one System)

Auto Rebuild

Hot Swappable, Hot Spare, Disk Roaming

RAID Level Migration, RAID Expansion

S.M.A.R.T.

Folder Management

Share Folder Level Permission

File Level Permission

Public Folder

Share Folder Quota Control

Multimedia-Support

iTunes Sever (AAC/MP3/WAV)

Photo Web Server (GIF, JPG, BMP, PNG) EXIF and Slideshow

Media Server supports uPnP AV streaming protocol

Backup

NASdeluxe Backup Utility (MS Windows XP/2000 /MAC OS X)

Snapshot-Functionality (maximum of 16)

USB device copy to another NASdeluxe

System Management

Web GUI, Ajax-based

Multilingual Support (English, French, German, Italian, Traditional

Chinese, Simplified Chinese, Japanese, Korean, Spanish,

Russian, Polish)

Wake-On-LAN

Schedule Power On/Off - For better power management

Event Notification

Email Notification, Buzzer Notification, LCD

Supported USB Devices

USB Printer

External HDD/Flash disk

USB IEEE 802.11 b/g dongle w/ AP mode support

Setup Utility

Windows 2000/XP/2003/Vista, MAC OS X

Safety and Environment

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

Dimension

- NDL-2450R: 44 x 430.5 x 567.6 mm (H x W x D), 1U, 16.8 kg

- NDL-2550T: 230 x 190 x 230 mm (H x W x D), Tower, 7.2kg

Physical

Lockable Disk Tray

Operating Environment

5 - 40°C, 0 - 85% Relative Humidity (non-condensing)

Power Supply

100/220VAC, 50/60 Hz, Auto detect

- NDL-2450R-S/-2550T: 1 x 200W

- NDL-2450R-R: 2 x 250W, redundant

Design and specifications are subject to change without prior notice.

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