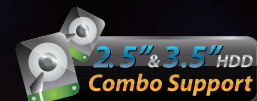


# N5500

Dual DOM™ with Dual Protection



## Unique Dual DOM™ Design

In business environment, maintaining functional operation on storage device is critical. With the unique Dual DOM™ (OS Redundancy) design, an extra DOM is installed to ensure continuous and flawless operation on N5500. Users do not need to worry about down-time due to unexpected system failure.

## Incredibly Easy To Use

The N5500 features Thecus® next-generation web-based interface featuring AJAX technology, making it the easiest-to-use Thecus® NAS ever.



## Three Units In One

Flexibility is the name of the game. The N5500 is the only storage device that can be configured as a NAS, DAS, or iSCSI unit, making it a perfect fit for just about any configuration.

## Unrivalled Data Security

The N5500 secures your data like never before. It supports RAID 0, 1, 5, 6, 10 and JBOD and multiple RAID volumes. What's more, the snapshot feature offers version control for even greater peace of mind by enabling you to easily restore previous snapshots.

## Flexible Storage Options

Aside from supporting iSCSI initiators, the N5500 is also stackable, allowing you to control multiple N5500 units from one master system for added flexibility. In addition to this, you can choose from a selection of file systems, including EXT3, XFS and ZFS, which enables the N5500 to adapt to virtually any type of network.

## Total Network Performance and Reliability

Because accessing your data is as important as securing it, the N5500 comes with dual Gigabit Ethernet ports with 802.3ad link aggregation for excellent data throughput. You can even select load balancing or failover, depending on your network configuration, to ensure maximum uptime and data availability.

# N5500

## Specifications

### Hardware Platform

#### SATA Device

- 5 x SATA for internal, 1 x eSATA for external

#### LAN Interface

- RJ-45x2 : 10/100/1000 BASE-TX Auto MDI/MDI-X
- WOL supported

#### USB Interface

- USB 2.0 host port x5(Front x1, Back x4) (A Type)
- USB 2.0 Target mode (B Type)

#### LCD Module

- Displays system status and information

#### LED Indicator

- Power (Blue)
- System Status : Busy (FW Upgrade)(Orange)
- HDD1-5 Activity/Fail(Orange/Red)
- WAN (Link : Green; Activity : Orange)
- LAN (Link : Green; Activity :Orange)
- RAID Status: Error (Red)
- USB (Copy LED: Blue)
- eSATA (Activity LED:Blue)

#### Power Supply

- 200W Power Supply support 2TB and above HDDx5

#### Disk Interface

- SATA I/II x5 via backplane

#### Thermal/Fan Control

- Thermal sensor on processor temperature
- Temperature controlled system FAN speed
- System fan monitoring

#### Buttons

- Power button (front: power down controlled by S/W)
- Reset button
- LCM button (ENT,ESC,UP, DOWN)

#### RS232

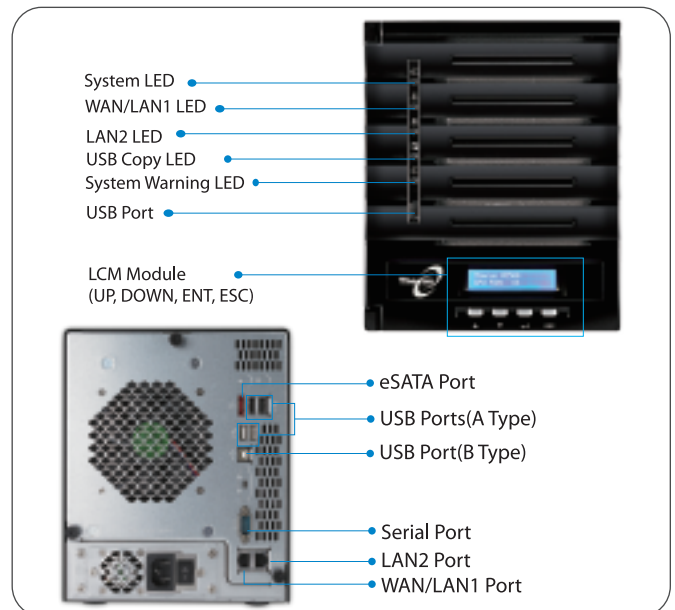
- 1 (For UPS)

#### Environmental

- Temperature : 5°C to 40 °C
- Humidity : 0 ~ 80 % R.H. (Non-condensing)

#### Dimension

- Tower Base



### Software Functions

#### RAID

- RAID Modes : RAID 0, 1, 5,6,10,JBOD
- Auto-rebuild : supported
- Hot-swap : supported
- Hot Spare : supported
- SMART : supported
- Online RAID Migration : supported
- Online RAID Expansion : supported

#### Disk

- Power Management : Spins down while idle time setup
- Roaming : Supports roaming to other N5500

#### Network

- Configuration : Fixed IP Address, Dynamic IP Address
- IP Sharing Mode : Can be enabled /disabled
- Transport Protocols : TCP/IP/Appletalk
- File Protocols : SMB/CIFS,HTTP/HTTPS, FTP, NFS v3, AFP
- Link Aggregation : 802.3ad, load balance and fail over

#### Data Access

- Client OS Support :
  - Windows 7/2000/ XP/ 2003/ Vista
  - UNIX/Linux
  - Mac OS 9 / X
- WebDisk : Web-based file access
- FTP : Build in FTP server with bandwidth control
- Download Manager(Module) : HTTP / FTP / BT / eMule
- Printer Server (IPP) :
  1. Supports USB printers
  2. Supports IPP various printers
  3. Client can manage print tasks (List/Delete) via Web user interface

#### Data Backup

- Client data backup : Acronis True Image (OEM version)
- Client System Disaster Recovery : Acronis True Image (OEM version)

- NAS Remote Replication : Via Thecus proprietary Nsync
- USB Device Copy to N5500 : Through LCM to control
- Snapshot : Supported

#### Block Level Access

- iSCSI Target : Supports Microsoft/Mac/Linux Initiator
- iSCSI initiator : For stackable with N4200/N5500/1U4600 /N7700 series/N8800 series

#### Power Management

- Schedule Power On/Off : supported

#### Volume Management

- Multiple RAID : Supported
- Selectable File Systems : Ext3 / XFS / ZFS

#### Multimedia Support (Options via Module Upload)

- iTunes Server : Supported File Types: AAC, MP3 w/ ID3 tags, WAV
- Photo Web Server :
  1. Supported File Types: GIF, JPG (JPEG), BMP, PNG
  2. Supports EXIF display
  3. Supports slide show
- Media Server : Supports uPnP AV streaming protocol

#### User Authentication

- Local User : Supports built-in user accounts
- Local Group : Supports built-in user groups
- Windows NT/ADS : Supported

#### File System

- Type : Journaling File System
- Capacity : 10TB (XFS,ZFS) / 8TB (ext3) per volume
- Language Support : Unicode support
- Authorization (ACL) : Read, write or deny options on individual users or groups for share and sub-folders

#### Administration

- Multi-Lingual Web-Based Administration : Web-based

#### server management interface

Supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian and Polish

#### Utility Program :

- MS Windows Setup Wizard
- Supports Windows 7/ 2000/ XP/ 2003/ Vista
- Mac setup Wizard (OSX only)
- Email Notification : Sends system messages via Email to system administrator
- SNMP Trap : System information trap out

#### Others

- Dual DOM : Supported
- Web Disk : Supported
- Recycled Bin : Supported
- Web Server (Module) : Supported
- ISO Mount : Supported
- User Module : Supported
- IP CAM Surveillance (Module) : Supported to 5 IP CAM devices



\*Design and specifications are subject to change without prior notice.

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