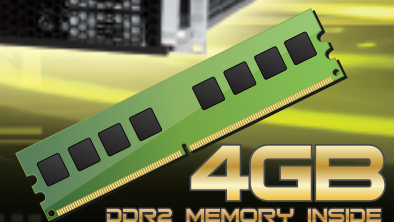


N8800SAS



The Ultimate 2U NAS Server with Core 2 Duo



Blazing Dual Core Performance

The N8800SAS comes loaded with Intel® Core 2 Duo technology for breakthrough speed and performance. With the N8800SAS, business users can enjoy increased concurrent connections and lightning-quick system response.

Unique Dual DOM™ (OS Redundancy) Design

In business, having access to mission-critical data at all times is crucial. The N8800SAS is equipped with a dual Disk On Module (DOM) design to ensure flawless operation and maximum uptime.

Serial Attached SCSI Support

Enter a new generation of data performance with the N8800SAS. This eight bay wonder provides full Serial Attached SCSI (SAS) hard disk support for ultra-fast data throughput.

Rock-Solid Reliability

Every business needs to be able to rely on their data. For these users, the N8800SAS and its multiple RAID modes make sure that data is protected at all times.

Maximum Flexibility

To allow for integration in to virtually any corporate network, system administrators can choose among several file systems, including Ext3, XFS, and ZFS. Also, the N8800SAS provides compatibility with iSCSI initiators for excellent data transfer speeds.

N8800SAS

Specifications

Hardware Platform

Processor

- Intel® Core™ 2 Duo Technology

SATA/SAS Device

- 8 x SATA/SAS for internal
- 1 x eSATA for external

System Memory

- 4GB DDR2 SDRAM

LAN Interface (PCI-e)

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

USB Interface

- USB 2.0 host port x4(Front x2, Back x2) (A Type)

LCD Module

- Displays system status and information

LED Indicator

- Power (Yellow)
- System Alert : Redundant power or system fan failure(Red)
- HDD1-8 Activity/Fail(Green/Red)

PCI-e x1 Slot x 2

Power Supply

- 450W Redundant Power Supply

Disk Interface

- SATA/SAS x8 via backplane

Thermal/Fan Control

- Thermal sensor on processor temperature

System Fan

- 4 x Hot Swappable

Buttons

- Power button(Front, power down controlled by S/W)
- LCM button (ENT,ESC,UP, DOWN)
- System reset button
- Mute button while system alert

RS232

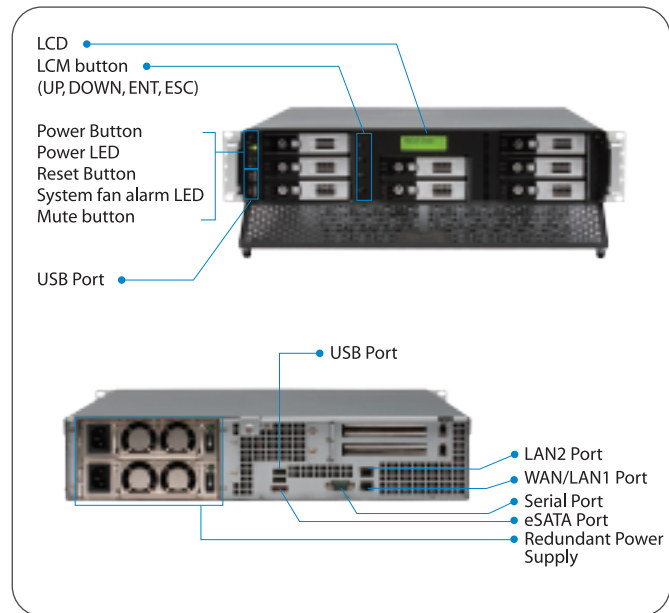
- 1 (For UPS)

Environmental

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

Dimensions

- Rack Mount



Software Functions

RAID

- RAID Modes : RAID 0, 1, 5, 6, 10, JBOD
- Auto-rebuild supported
- Hot-swap supported
- Hot Spare supported
- SMART Info supported
- SMART Test supported
- Online RAID Migration supported
- Online RAID Expansion supported
- RAID Volume Encryption : AES256bit

Disk

- Power Management : Spins down while idle time setup(SATA HDD only)
- Bad Block Scan : Supported
- Roaming : Supports roaming to other N8800SAS

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
- Web Disk : Web-based file access
- FTP : Build in FTP server with bandwidth control
- Secure FTP : Build in secure 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 N8800SAS : Through LCM to control
- Snapshot : Supported
- Bi-directional USB Copy(Module) : Supported

Block Level Access

- iSCSI Target : Supports Microsoft/Mac/Linux Initiator
- iSCSI initiator : For stackable with N4100PRO/N4200/N5200PRO/1U4500/N5500 /N7700 series/N8800 series
- iSCSI Thin Provisioning : supported

Power Management

- Schedule Power On/Off : supported

Volume Management

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

Multimedia Support

- 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 : 16TB (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(Default Auto) : 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 10 IP CAM devices



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

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