

N7700SAS

Max Power with Core 2 Duo



Blazing Dual Core Performance

The N7700SAS comes loaded with Intel® Core™ 2 Duo technology for breakthrough speed and performance. With the N7700SAS, business users can enjoy increased concurrent connections and lightning-quick system response.

Unique Dual DOM™ Design

In business, having access to mission-critical data at all times is crucial. The N7700SAS 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 N7700SAS. This seven 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 N7700SAS 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 N7700SAS provides compatibility with iSCSI initiators for excellent data transfer speeds.

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Specifications

Hardware Platform

Processor

- Intel® Core™ 2 Duo Technology

SATA/SAS Device

- 7 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)

LCM

- Displays system status and information

LED Indicator

- Power (Blue)
- System Status : Busy (FW Upgrade)(Orange)
- HDD1-7 Activity/Fail(Green/Red)
- WAN (Link : Green; Activity : Green)
- LAN (Link : Green; Activity :Green)
- USB (Copy LED: Blue)

- eSATA (Activity LED: Blue)

PCI-e Slot x 1

Power Supply

- 300W power supply supports 2TB and above
- HDD x 7

Disk Interface

- SATA/SAS x 7 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)
- LCM button (ENT,ESC,UP, DOWN)

RS232

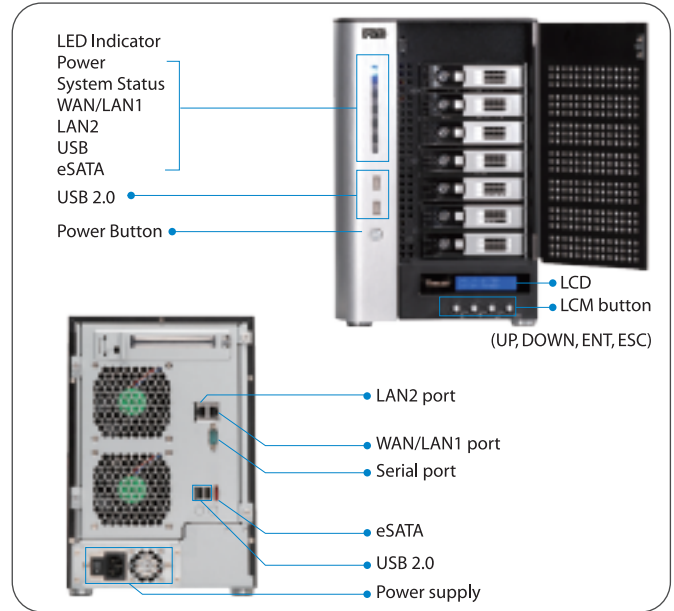
- 1 (For UPS)

Environmental

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

Dimensions

- Tower Base



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 for idle time setup(SATA HDD only)
- Bad Block Scan supported
- Roaming : Supports roaming to other N7700SAS

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
- 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 N7700SAS : 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 (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 : 14TB (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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