



N7700PRO

10GbE Ready, 7-Bay Power Storage Server



Breakthrough Performance

The N7700PRO offers unprecedented data performance, reaching speeds of over 300MB/s. Why wait around for file transfers to complete? With the N7700PRO, users no longer have to.

Superior Specs

Powered by an Intel® Core™ 2 Duo processor and featuring 4GB of high-speed DDR2 memory, the N7700PRO is the most powerful NAS unit on the market. Enjoy instantaneous system response and increased concurrent connections with the N7700PRO.

Ready For the Future

Future technologies are around the corner, and the N7700PRO is ready. With its PCI-e slot, the N7700PRO can accommodate a number of emerging technologies. Add a 10Gb Ethernet adaptor and experience the lightning-fast file transfers. With PCI-e expansion, the N7700PRO is ready for whatever may come.

Unique Dual DOM™ Design

In business, having access to mission-critical data at all times is crucial. The N7700PRO is equipped with a dual Disk On Module (DOM) design to ensure flawless operation and maximum uptime.

Incredibly Expandable and Adaptable

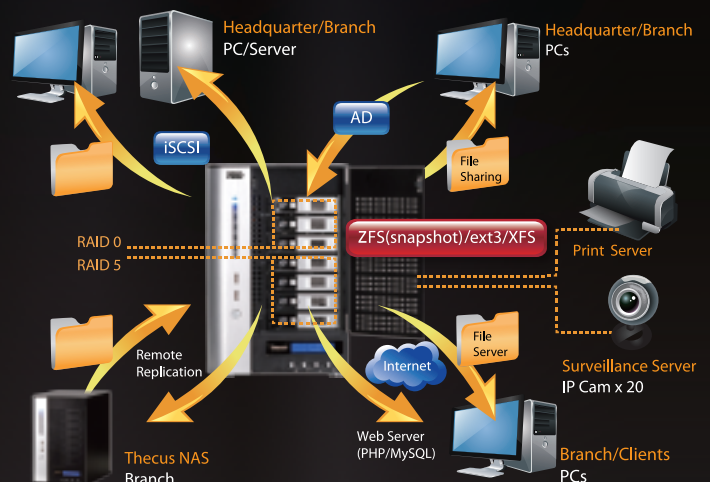
The N7700PRO offers excellent storage expansion possibilities with its stackable feature. Simply connect up to five N7700PROs together and conveniently access data using a single unit. You will also be pleased to hear that the N7700PRO is also compatible with iSCSI initiators for blazing transfer speeds.

Handy Snapshot Feature for Version Control

The N7700PRO is capable version control via a snapshot function with the ZFS file system, allowing users to efficiently create and restore remote backups. For users, the result is total data security and peace of mind.

Maximum Flexibility and Expansion

Aside from being iSCSI ready, the N7700PRO offers unmatched flexibility. Support for multiple file systems including Ext3, XFS and ZFS, as well as online RAID migration and expansion, means that the N7700PRO's data protection and capacity are upgradable and can be integrated into virtually any company network with ease. Users can add larger hard disks to available slots and join an existing RAID volume. The N7700PRO will automatically rebuild the RAID array and increase storage capacity.



N7700PRO

Specifications

Hardware Platform

Processor

- Intel® Core™ 2 Duo Technology

SATA Device

- 7 x SATA 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 x8 Slot x 1

Power Supply

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

Disk Interface

- SATA 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

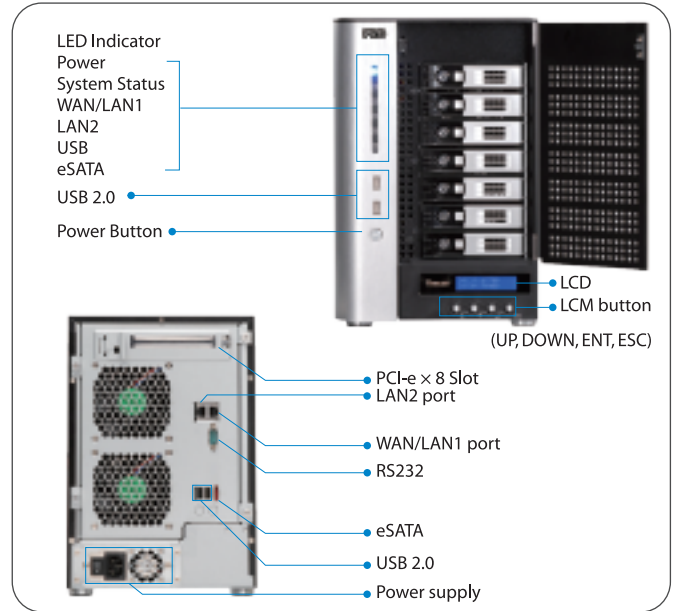
- 1 (For UPS)

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 while idle time setup
- Bad Block Scan supported
- Roaming : Supports roaming to other N7700PRO

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) :
 - Supports USB printers
 - Supports IPP various printers
 - 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 and Rsync
- USB Device Copy to N7700PRO : 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 N4200 /1U4600 /N5500 /N7700 series/ N8800 series
- iSCSI Thin Provisioning : Virtual size adjustable up to 16TB

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 :
 - Supported File Types: GIF, JPG (JPEG), BMP, PNG
 - Supports EXIF display
 - 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 : 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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