

N7700

www.thecus.com

Ultimate Network Attached Storage



Stackable Storage and iSCSI Ready

The N7700 supports iSCSI initiators, which allow servers to access it as a direct-attached-storage device over LAN or Internet with excellent transfer speeds. With this capability, users can centrally manage and deploy storage for their entire network. In addition, the N7700 is also stackable, enabling users to connect their unit with up to five additional N7700s and manage them via a master system. With iSCSI and stackability, expanding the capacity of application servers is both quick and easy.

Speed Without Compromise

Equipped with a PCI-e interface, the N7700 provides even faster response and more concurrent connections. Also, with built-in compatibility with external modules, the N7700 can execute and run multiple applications at the same time, allowing it to handle a whole lot more than mere file storage.

RAID Expansion and RAID Level Migration

The N7700 features RAID capacity expansion and RAID level migration, which means that users can add larger hard disks to available slots and join an existing RAID volume. The N7700 will automatically rebuild your RAID array and increase your storage capacity.

Multiple File System Support

To meet upcoming standards and ensure maximum compatibility and flexibility, the N7700 offers support for ext3 and ZFS file systems. Users can select the system that they require and create the needed capacity for different applications. Never has there been a NAS unit this powerful and flexible.

Version Control and Remote Replication

The N7700 is also equipped with Nsync, Thecus' remote data backup application. With Nsync, users can have the N7700 automatically upload files to an external storage device at a designated time. The N7700 is also capable of 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.

Taiwan HQ

15., No. 79, Sec.1, Sintai 5th Rd.,
Sijhih City, Taipei County, Taiwan(R.O.C)
TEL: +886-2-2698-1788
E-mail: sales@thecus.com

Germany office

Siemensstrasse 17 D-76275
Ettlingen, Germany
E-mail: support@thecus.de

US office

1662 Centre Pointe Drive
Milpitas, CA 95035, USA
www.thecus.com/support_tech.php

Austria office

Viktor-Kaplan-Strasse 9B
A-2201 Gerasdorf/Wien, Austria
E-mail: office@thecus.at



Item	Spec
LAN Interface	RJ-45x2 : 10/100/1000 BASE-TX Auto MDI/MDI-X WOL supported
USB Interface	USB 2.0 host port x4 (Back x 2, Front x 2) (A Type)
LCD Module	Displays system status and information
Power Supply	300W power supply
Disk Interface	SATA x7 for internal, eSATA x1 for external
Expansion Slot	PCI-e x 1
LED Indicator	Power (Blue) System Busy / Fail (Blink Orange / Blink Red) HDD1-7 Activity / Fail (Orange / Red) WAN (Link: Green; Activity: Orange) LAN (Link: Green; Activity: Orange) USB (Copy: Blue) eSATA (Activity: Blue)
Thermal / Fan Control	Thermal sensor for HDD temperature System FAN speed controlled by temperature
Buttons	Power button LCM operating buttons (Front)
RS232	For UPS
Environment	Temperature : 5 °C to 40 °C Humidity : 0 ~ 80 % R.H. (Non-condensing)

Software Functions

RAID	
RAID Modes	RAID 0, 1, 5, 6, 10, JBOD
Auto Rebuild	Supported
Hot Swap	Supported
Hot Spare	Supported
S.M.A.R.T	Supported
Disk	
Roaming	Supports roaming to other N7700 NAS
Power Management	Spin down while idle time setup Supports schedule power on/off
Network	
File Protocols	SMB /CIFS, HTTP /HTTPS, FTP, NFS, AFP
Configuration	Fixed IP address, dynamic IP address
IP Sharing Mode	Supports WAN port IP address sharing for LAN and Wireless LAN clients
Link Aggregation	802.3ad, Load Balancing, Failover
Transport Protocols	TCP/IP /Appletalk
Block Level Access	
iSCSI Target	Supports Microsoft/ Mac/ Linux Initiator
iSCSI Initiator	For stacking with N5200/ 1U4500/ N7700
Volume Management	
Multiple RAID	Supported
Multiple Selectable File Systems	ext3 / ZFS

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



Data Access	
Client OS Support	Windows 2000/ XP/ 2003/ Vista UNIX/ Linux Mac OS 9/ X
Web Disk	Web-based file access
FTP	Built in FTP server with bandwidth control
Download Manager	HTTP / FTP / BT
Printer Server (IPP)	Supports USB printers Supports various IPP printers Client can manage print job queue via web interface
Data Backup	
USB Copy to N7700	Controlled via LCM
NAS Remote Replication	Via Thecus proprietary Nsync
Client System Disaster Recovery	FarStone DriveClone PRO 5
Client Schedule Incremental Data Backup	FarStone DriveClone PRO 5
Snapshot	Supported
Multimedia Support (Options for Module Upload)	
Photo Web Server	Supported File Types: GIF, JPG(JPEG), BMP, PNG Supports EXIF display Supports slide show
Media Server	Supports uPnP AV streaming protocol
iTunes Server	Supported File Types: AAC, MP3 w/ ID3 tag, WAV
User Authentication	
Local User	Supports built-in user accounts
Local Group	Supports built-in user groups
Windows ADS	Supports AD users/groups
File System	
Type	Journaling File System
Capacity	16TB
Supported File Sizes	Supports Files max : 2TB
Language Support	Unicode Support
Supported File Sizes	Read, Write or Deny options on individual users or groups for share and folder level
Administration	
Multilingual Web-based Administration	Web-based server management Interface Supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish
Utility Programs	Setup Wizard for MS Windows/ MAC OSX Backup Utility for MS Windows/ MAC OSX
Email Notification	Sends failure events via email and records to system log
SNMP	System basic information
Others	
Recycle Bin	Supported
Web Server + MySQL	Supported
ISO Mount	Supported
User Modules	Supported
IP CAM Surveillance Server	Supports up to 20 IP CAM devices

Applications

