



N2800

Share your vision



Make your NAS into the ultimate multimedia hub! The N2800's HDMI output allows you to connect your NAS directly to your TV for device management, web browsing with Flash support, and even HD video playback. Don't force yourself to watch movies on that tiny little computer screen anymore, take it to the living room!



Simplify your access to digital cameras, smart phones, electronic dictionaries, and much more. The N2800 supports SD/SDHC/MMC card readers for easy access to multimedia data.



In the modern world, nothing is as important as reaching your data from anywhere. With ThecusShare and the Thecus Dashboard, you can manage your NAS, and upload to and download/stream from your NAS using an iOS or Android device on the go.



Get the most out of your storage space with the extreme speed of iSCSI and the efficiency of iSCSI thin provisioning. Connect through iSCSI for the fastest data transfer speeds available and make wasted disk space a thing of the past with thin provisioning's flexible storage functionality.



The next generation of connectivity is here with speeds 10x faster than USB 2.0. Whether connecting digital cameras and smart phones, backing up large external hard drives, or extending the capacity of your NAS, USB 3.0 will make sure it's done in no time at up to 5 Gbit/s. Backwards compatibility adds the connectivity of a world full of USB 2.0 and USB 1.1 devices to get the best combination of speed and universal access.



Support for multiple file systems including EXT3, EXT4, and XFS, gives Thecus NAS flexibility to handle many different types of environments.



Backing up your data is very necessary, and everyone has specific needs when it comes to storage. Thecus's Rsync functionality gives users great flexibility with remote backup capability, a flexible scheduler, and the stability of Linux-based transfer.



Divide the massive storage of a Thecus NAS among multiple users. Whether there are two users or 100, user quotas make it easy to divvy up and manage disk space.

Add-on apps



Thecus Dashboard



ThecusShare



Photo Server



Download Manager



USB Copy



Media Server



Transmission (BT Client)



MySQL



Web Server



USB/eSATA Backup



RAID Volume Replication



Simple Surveillance



NZBGet

N2800

Specifications

Hardware Platform

Processor

- Intel® Atom™ D2700

System Memory

- 2GB DDR3

LAN Interface

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

USB Interface

- USB 2.0 host port x2 (back x2)
- USB 3.0 host port x1 (front x1)

SATA DOM

- 1GB

HDMI Output

- HDMI port (back x1)

VGA Output

- VGA port (back x1)

Disk Interface

- 2 x SATA for internal
- 1 x eSATA for external

Power Supply

- External power adaptor

Thermal/Fan control

- Thermal sensor on processor temperature
- System FAN speed controlled by temperature

Power Management

- Auto power on after shutdown due to power loss

Card Reader

- Support SD/SDHC/MMC

Buttons

- Power button
- USB copy button

Environment

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

Chassis

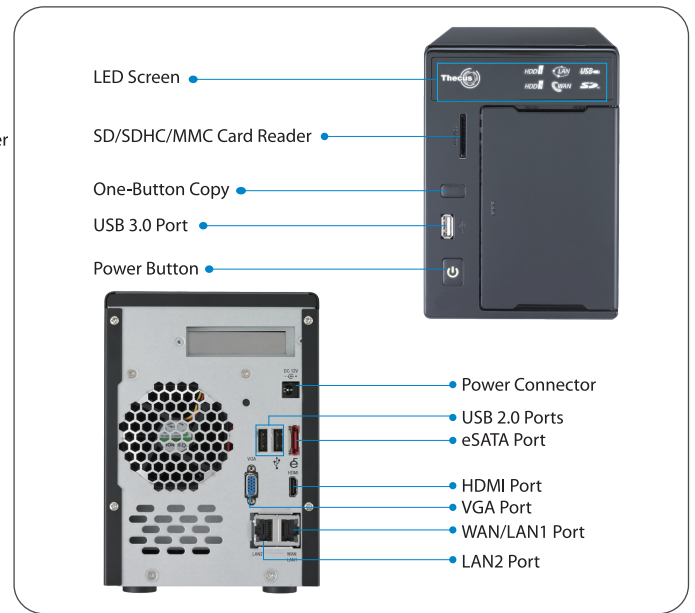
- Tower Metal Chassis

Dimensions (HxWxD)

- 163.8 x 115.4 x 217.6 (mm)

Certificates

- CE/FCC/C-Tick/VCCI/BSMI
- RoHS
- WEEE
- VMware, Citrix



Software Functions

RAID

- RAID Modes: RAID 0, 1 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported
- RAID Volume Encryption: AES256bit

Disk

- Power Management: Available spin-down while idle setting
- Bad Block Scan: Supported
- SMART Info: Supported
- SMART Test: Supported
- Disk Roaming: Supports volume-based roaming to other Thecus NAS

Network

- Configuration: Fixed IP address, dynamic IP address
- Transport Protocols: TCP/IP/Appletalk
- File Protocols: SMB/CIFS, HTTP/HTTPS, FTP, NFS v4, AFP
- Link Aggregation: Load balance, Failover, 802.3ad, Balance-XOR, Balance-TLB, Balance-ALB
- TCP/IP: IPV4

Data Access

- Client OS Support: Windows 2000/XP/2003/Vista/7 UNIX/Linux Mac OS X
- FTP: Built-in FTP server with bandwidth control
- Secure FTP: Built-in secure FTP server with bandwidth control
- TFTP: Users can download and upload files with TFTP programs
- Download Manager: BT download (via Transmission module) HTTP/FTP/BT/eMule (via DLM module) NZB download (via NZB module)
- Printer Server (IPP):
 - Supports USB printers
 - Supports a wide range of IPP printers
 - Client can manage print tasks (list/delete) via web user interface

Data Backup

- Client Incremental Data Backup: Acronis True Image (OEM version)
- Client System Disaster Recovery: Acronis True Image (OEM version)
- Client Side Backup Software: Thecus Backup Utility (Windows/Mac OS X)
- Rsync Backup: Rsync replicates data between two systems (via Rsync module)
- Mac OS X Time Machine: Supported

Block Level Access

- iSCSI Target/Initiator: Supports Microsoft/Mac OS X/Linux initiators and Thecus NAS targets
- iSCSI Thin Provisioning: Supported
- MPIO: Supported
- MCS: Supported
- Clustering: Supported
- SCSI3 persistent group reservation: Supported

Power Management

- Scheduled Power On/Off: Supported

Volume Management

- Multiple File System Selectable: EXT3/EXT4/XFS

Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Piczza!™ Web Server (via module):
 - Supports GIF, JPG (JPEG), BMP and PNG
 - Supports EXIF display
 - Supports slide show
- Media Server: Supports uPnP AV streaming protocol (via Twonkymedia module)

User Authentication

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

File System

- Type: Journaling File System
- Language Support: Unicode Support
- Authorization: "Read"/"write"/or "deny" privileges to individual users or groups in folders and sub-folders
- User Quota: Supported

Administration

- User Interface: Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Polish and Portuguese
- Utility Program: MS Windows Setup Wizard Supports Windows 7/2000/XP/2003/Vista Mac OS X Setup Wizard
- Email Notifications: Sends system messages via email to the system administrator
- SNMP Trap: System information trap out

Mobile Applications (iOS/Android)

- Thecus Dashboard: Mobile monitoring and administration (via module)
- ThecusShare™: Uploading, downloading, and streaming multimedia

Others

- Recycled Bin: Supported
- Web Disk: Supported (via module)
- Web Server: Supported (via module)
- ISO Mount: Supported
- User/System Module: Supported
- IP Cam Surveillance: Supports up to 5 IP cameras (via module)
- Auto Module Installation: Thecus's module server automatically provides the latest modules and updates through the user interface



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

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