



XXX

A NAS FOR EVERY NEED

N3200XXX

A NEW HOME FOR YOUR MEDIA



Extreme Speed



The N3200XXX is powered by an Intel Atom N270 processor for excellent system response and file transfer speed. With RAID 5 and vastly improved data throughput, the N3200XXX redefines the three-bay NAS once again with increased usability, functionality, and performance.

iSCSI Thin Provisioning Support



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.

Extreme Data Backup



Secure your data with the sophisticated features and refined simplicity that only Thecus can offer. Incremental backups and recover data with Acronis's True Image software, take and revert back to system snapshots at your leisure, and remotely backup to anywhere in the world with native Rsync support.

Online RAID Volume Management



Managing RAID volumes has never been easier thanks to the N3200XXX's Online RAID Volume Management. Administrators can easily expand or migrate RAID volumes without having to power down the system, eliminating costly downtime.

Extreme Power Management



N3200XXX supports scheduled power on/off. With this feature, users can set what time the system turns on or off. This feature is a big plus for people who want to conserve energy. Wake-On-LAN enables users to remotely turn the system on without leaving their seat.

Extreme Protection



Put safety first with AES256bit RAID volume encryption and USB Key functionality. An impenetrable wall of protection is at your disposal to make sure only those you want can access your data, and no one else. Simply set up a USB flash drive key that unlocks your data with no hassle and maximum protection.



Firmware V5

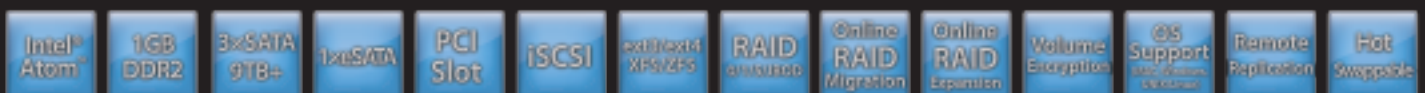
Piczza!™



iPhone/iPad/Android

ThecusShare™

Thecus Dashboard



N3200XXX

Specifications

Hardware Platform

Processor

- Intel® Atom™ N270

System Memory

- 1GB DDR2 SODIMM SDRAM

LAN Interface

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

USB Interface

- USB 2.0 host port x2 (front x1, back x1) (Type A)

LED Indicator

- Power: (blue)
- HDD1-3 Activity/Fail (green/red)
- WAN (Link: green; Activity: green)
- LAN (Link: green; Activity: green)

LCM Module

- 2x16 character display for system status and information

Disk Interface

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

Power

- 96W external power adaptor

PCI Slot x1

Thermal/Fan Control

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

Real-time Clock

- Battery backup system clock

Power Management

- Power on after power lose resume

Buzzer

- Frequency Controllable

Buttons

- Power button(Front, shutdown controlled by user interface)
- Reset button (SW reset to default)
- LCM button (ENT, ESC, UP, DOWN)

Environment

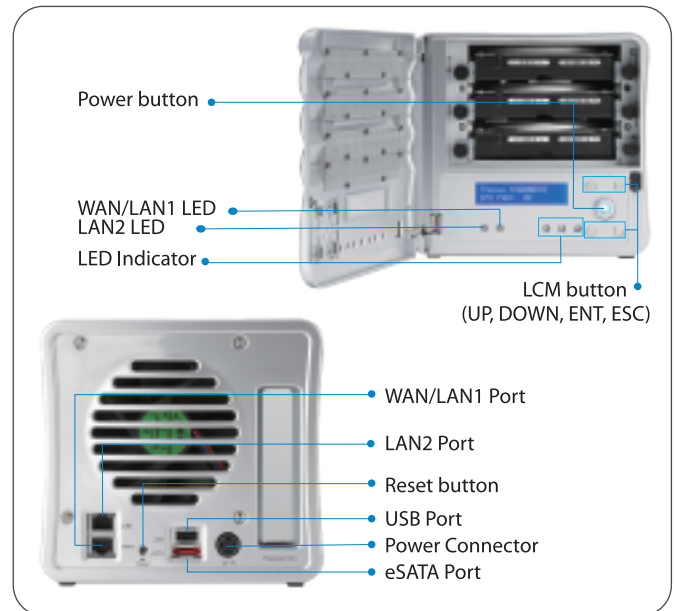
- Temperature: 5°C to 40°C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

Chassis

- Tower Metal Chassis

Dimensions (HxWxD)

- 220 x 175 x 160 (mm)



Software Functions

RAID

- RAID Modes: RAID 0, 1, 5 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported
- Online RAID Migration: Supported
- Online RAID Expansion: Supported
- RAID Volume Encryption: AES256bit

Disk

- Power management: Available spin-down while idle setting
- Bad Block Scan: Supported
- SMART Info: Supported
- SMART Test: Supported
- Roaming: Supports roaming to other N3200XXX

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, TFTP, NFS v3, AFP
- Link Aggregation: Load balance, Failover, 802.3ad, Balance-XOR, Balance-TLB, Balance-ALB

Data Access

- Client OS Support: Windows 2000/XP/2003/Vista/7, UNIX/Linux, Mac OS X
- TFTP: Build in TFTP server
- FTP: Build in FTP server with bandwidth control
- Secure FTP: Build in secure FTP server with bandwidth control
- Download Manager: HTTP/FTP/BT/eMule/NZB (via module)
- Printer Server (IPP): 1. Support USB printers, 2. Supports a wide range of IPP printers, 3. Client can manage print tasks (List/Delete) via Web user interface

Data Backup

- Client Incremental Data Backup: Acronics True Image (OEM)
- Client system Disaster Recovery: Acronics True Image (OEM)
- USB device copy to N3200XXX: Through LCM to Control
- Snapshot: Supported
- Bi-directional USB Copy: Supported (via module)
- Native Rsync: Supported

Block Level Access

- iSCSI Target/Initiator: Supports Microsoft/Mac OS X/Linux initiators and Thecus NAS targets
- iSCSI Thin Provisioning: Configurable to virtual size as system allowed capacity

Power management

- Schedule Power On/Off: Supported

Volume management

- Multiple File System Selectable: EXT3/EXT4/XFS/ZFS

Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Photo Web Server (Piczza!™ module): 1. Supports GIF, JPG (JPEG) and 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
- Language Support: Unicode Support
- Authorization (ACL): "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 Portugal
- Utility Program: MS Windows Setup Wizard, Supports Windows 2000/XP/2003/Vista/7, 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
- ThecusShare™: Uploading, downloading, and streaming multimedia

Others

- Web Disk: Supported
- Recycled Bin: Supported
- Web Server (module): Supported
- ISO Mount: Supported
- User module: Supported
- IP CAM Surveillance (module): Supports up to 5 IP cameras
- USB/eSATA schedule backup (module): Supported
- RAID replication (module): Supported
- Mail server (module): Supported



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

Thecus® Thecus®, Creator in Storage
www.thecus.com

Thecus® HQ

15F, No.79, Sec. 1, Sintai 5th Rd., Sijhih Dist, New Taipei City 221, Taiwan (R.O.C.)
Email: sales@thecus.com Facebook: www.facebook.com/Thecus
Forum: forum.thecus.com Twitter: twitter.com/ThecusStorage

Thecus® U.S.A., Inc.

487 Montague Expressway, Milpitas, CA 95035
Email: support@us.thecus.com
Tech support: ussupport.thecus.com/esupport

Thecus® NL B.V.

Marinus Dammeweg 7, 5928 PW Venlo, the Netherlands
Email: thecus_nl@thecus.com
Tech support: esupport.thecus-eu.com
Support Email: support_nl@thecus.com

Thecus® China

13th Floor Room G, Investment Building, Zhongshan South Road No. 414, Qinhuai District, Nanjing City, China
Email: support@thecus.com.cn