



A NAS FOR EVERY NEED

N2200XXX

HIGH PERFORMANCE 2-BAY ALL-IN-ONE NAS SERVER



### Extreme Speed



With a power-house of a processor in the Intel Atom D525 running at 1.8GHz, the N2200XXX runs circles around the competition. Combined with 1GB of super fast DDR3 RAM, that means incredible transfer speeds and less time spent waiting.

### Bad Block Scan Support

Scan your disks to catch problems before they occur. Using detailed disk status updates, give your disks the perfect settings and environment to maintain data integrity and uninterrupted access.

### 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.

### Extreme Flexibility



Simplify your access to digital cameras, smart phones, electronic dictionaries, and much more. The N2200XXX supports SD/SDHC/MMC card readers for easy access to multimedia data.

### Cutting-Edge Displays

Monitor your N2200XXX with a state-of-the-art LED screen. This keeps important system and disk activity information right where you need it with display technology that's ahead of its time.

### 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.



Firmware V5

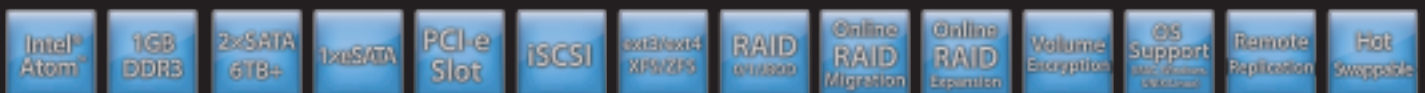
Piczza!™



iPhone/iPad/Android

ThecusShare™

Thecus Dashboard



# N2200XXX

## Specifications

### Hardware Platform

#### Processor

- Intel® Atom™ D525

#### System Memory

- 1GB DDR3 SODIMM

#### LAN Interface

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

#### USB Interface

- USB 2.0 host port x3 (front x1, back x2) (Type A)

#### LED indicator

- Power: (blue)
- HDD1-2 Activity/Fail (Blink white/red)
- WAN (Link: Solid white; Activity: Blink white)
- LAN (Link: Solid white; Activity: Blink white)
- USB (Copy LED: Blink white)
- Card Reader (Copy LED: Blink white)

#### Disk Interface

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

#### Power

- 60W external power adaptor

#### PCI-e x1 Slot x1

#### Thermal/Fan Control

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

#### Card Reader

- Support SD/SDHC/MMC

#### Real-time Clock

- Battery backup system clock

#### Power Management

- Power on after power lose resume

#### Buzzer

- Frequency Controllable

#### Buttons

- Power button
- USB copy button

#### Environment

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

#### Chassis

- 2bays Tower Metal Chassis

#### Dimensions (HxWxD)

- 164 x 115 x 218 (mm)



### 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
- Roaming: Supports roaming to other N2200XXX

#### 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):
  - Supports USB printers
  - Supports a wide range of IPP printers
  - Client can manage print tasks (List/Delete) via web interface.

#### Data Backup

- Client Incremental Data Backup: Acronis True Image (OEM version)
- Client System Disaster Recovery: Acronis True Image (OEM version)
- USB/card reader device copy to N2200XXX: Through one button copy
- 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 Thcus NAS targets
- iSCSI Thin Provisioning: Configurable to virtual size as system allowed capacity

#### Volume Management

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

#### Power Management

- Schedule Power On/Off: Supported

#### Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Photo Web Server (Piczza™ module):
  - Supports GIF, JPG (JPEG) and 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
- 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 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)

- Thcus Dashboard: Mobile monitoring and administration
- ThcusShare™: Uploading, downloading, and streaming multimedia

#### Others

- Web Disk (Module): 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.

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