



**N4350**

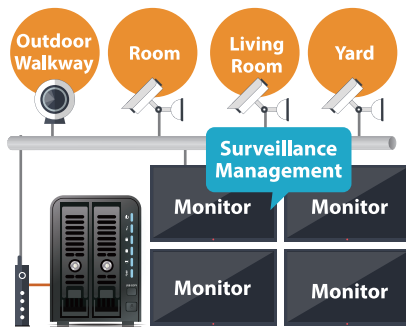
**N2350**

## The Smart Home NAS to Connect and Secure Your Life

**MARVELL ARMADA DUAL CORE CPU**

**1GB DDR4 RAM**

**10TB HDD SUPPORTED**



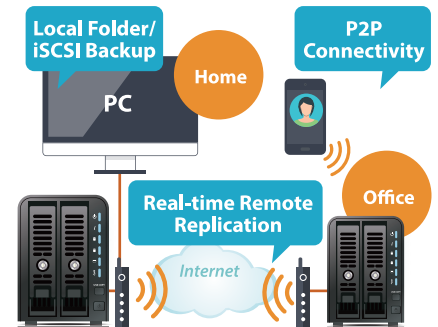
### Surveillance Management

Thecus Surveillance Center provides a smooth and intuitive user experience while role-based access control provides permissions management which allows administrators to create user and administrator profiles according to their responsibilities.



### Home Media Center

With the Plex Media Server installed on your Thecus NAS, various devices on your network (such as your Xbox 360 and mobile devices) can connect to and stream your local and online media. Plex makes it easy to manage and enjoy all of your media on your NAS.



### Reliable Data Protection

Thecus backup solution allows users to back up files instantly to their NAS, external hard drive, or remote NAS. Whenever a need arises, users can simply go back and recover files quickly and effortlessly.



Surveillance



Media Server



File Center



Cloud Service Backup



Mobile Access



Backup Solution



Download Server

# N2350/N4350

## Specifications

### Hardware Platform

#### Processor

- Marvell Armada 385 Dual Core 1GHz SoC (N2350)
- Marvell Armada 388 Dual Core 1.8GHz (N4350)

#### System Memory

- 1GB DDR4

#### LAN Interface (PCI-e)

- RJ-45x1: 10/100/1000 BASE-TX Auto MDI/MDI-X
- WOL supported

#### USB Interface

- USB 3.0 port x2 (back x2)

#### Disk Interface

- 2 x SATA for internal (N2350)
- 4 x SATA for internal (N4350)
- Support SATA II / SATA III hard disk

#### Power Supply

- 40W external power adaptor (N2350)
- 60W external power adaptor (N4350)

#### System Clock

- Battery-backed up system clock

#### Buttons

- Power button
- USB copy button
- Reset button (Reset to factory default)

#### Environment

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

#### Chassis

- 2bays Tower (N2350)
- 4-bay Tower (N4350)

#### Dimensions (HxWxD)

- 135 x 97 x 207 (mm) / 5.33 x 3.83 x 8.14 (in) (N2350)
- 135 x 170 x 217 (mm) / 5.33 x 6.69 x 8.54 (in) (N4350)

#### Weight

- 0.79 kg (N2350)
- 3 kg (N4350)

#### Certificates

- CE/FCC/C-Tick/VCCI/BSMI
- RoHS
- WEEE

### Software Functions

#### RAID

- RAID Modes (N2350): RAID 0, 1 and JBOD
- RAID Modes (N4350): RAID 0, 1, 5, 6, 10 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported
- Hot Spare: Supported
- RAID Expansion: Supported

#### Disk

- Power Management:
  - Available spin-down while idle setting
- Bad Block Scanning: Supported
- SMART Info: Supported
- SMART Test: Supported
- Disk Roaming: Supports volume-based roaming to other Thcus NAS (OS7)
- Disk Wipe and Clone: Supported
- Secure Disk: Supported

#### Network

- Configuration: Fixed IP address, dynamic IP address
- Transport Protocols: TCP/IP, AppleTalk
- File Protocols: SMB/CIFS, HTTP/HTTPS, FTP, NFS v4, AFP
- TCP/IP: IPV6 & IPV4
- DDNS: Supported
- SSH: Supported
- UPnP: Supported
- UPnP Port forwarding: Supported
- Bonjour: Supported
- VPN Server: Supported
- vLan: Supported

#### System Status

- System Monitor: Monitoring CPU, Memory, Temperature, fan, network utilization and protocols access user count
- Syslog Management:
  1. Send syslog to assigned location
  2. Act as syslog server to receive log info from other systems

#### Data Access

- Client OS Support:
  - Windows XP and after
  - Windows Server 2003 and after
  - Mac OS X / Linux
- 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)
- WebDAV/WebDAV SSL: Supported
- Printer Server (IPP):
  1. Supports USB printers
  2. Supports a wide range of IPP printers
  3. Client can manage print tasks (list/delete) via web user interface

#### Data Backup

- Local folder/iSCSI Backup: Supported
- Remote folder/iSCSI Backup: Supported
- Mac OS X Time Machine: Supported
- System Failover: Supported

#### Block Level Access

- iSCSI Target/Initiator: Supports Microsoft/Mac OS X/ Linux initiators and Thcus NAS targets
- iSCSI Thin Provisioning: Supported

#### Power Management

- Scheduled Power On/Off: Supported

#### Volume Management

- Multiple RAID (N4350): Supported
- Multiple File System Selectable: EXT4/XFS

#### Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Media Server: Supports uPnP AV streaming protocol (via Module)

#### User Authentication

- Local User: Supports built-in user accounts
- Local Group: Supports built-in user groups
- Windows ADS: Supported
- LDAP: Supported
- Access Guard: Supports Black & White list / IP Filter

#### User Profile

- Photo Center: Supported
- File Center: Supported
- APP Center: Supported
- Surveillance Center: Supported

#### Cloud Backup

- Amazon S3: 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, French, German, Italian, Spanish, Russian
  - Utility Program:
    - MS Windows Setup Wizard
    - Supports Windows XP and after
    - Windows Server 2003 and after
    - Mac OS X Setup Wizard
  - Email Notifications: Sends system messages via email to the system administrator
  - SNMP Trap: Sends system information trap out
  - P2P Connection: Mail or FB account to register
- #### Mobile Applications (iOS/Android)
- Thcus Connect (Android):
    - Mobile monitoring and administration
  - Orbweb.me:
    - File Explore, Webcam monitoring via P2P connection

#### Others

- Recycling Bin: Supported
- ISO Mount: Supported

Email: sales@thcus.com

Official Website: www.thcus.com

For Windows NAS: wss.thcus.com

Reseller Center: www.thcus.com/reseller\_index.php

NAS App Center: www.thcus.com/sp\_app\_center.php

Facebook: www.facebook.com/Thcus

Forum: forum.thcus.com

Twitter: twitter.com/Thcus\_Storage

RSS: www.thcus.com/rss\_news.php

YouTube: www.youtube.com/thcusstorage

Blog: blog.thcus.com

Retail/Reseller Information