

N4100EVO

Evolve Your Digital Office



Standby Mode Power Consumption < 10W



Thecus NAS make an excellent media server and can easily store huge libraries of songs, pictures, and movies. The DLNA-Compliant Media Server allows you to stream all of your multimedia on your TV, stereo, or mobile device.



Getting your N4100EVO up and running shouldn't be a hassle, which is why it comes equipped with a Simple Setup Wizard to guide you through the entire setup process. Once you're up and running, the new AJAX-based user interface makes using the N4100EVO simple and hassle-free.



Thecus brings the best to the table with Acronis's advanced backup software. Back up all your data with One-click Protection or pick and choose only your most important files. Acronis sports a slick interface, user-friendly design, and comprehensive features to keep your data safe.



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.



RAID5 is the ideal compromise between safety and speed for 4-bay NAS. However, (re)building RAID can be an arduous process and take many hours while reducing the NAS overall performance. The N4100EVO's RAID accelerator builds RAID5 quicker with a dedicated chip, saving you time and keeping the main CPU available for other tasks.



The power needed to keep your NAS up and running can greatly add to its overall cost. Lower your TCO with the N4100EVO's advanced power saving features. With scheduled power on/off, you can tell your N4100EVO to only turn on during certain times during the day. And with auto disk spindown and an enhanced power saving design, the N4100EVO is a veritable energy miser.

Add-on apps



ThecusShare



Photo Server



Download Manager



USB Copy



Media Server



Transmission (BT Client)



USB Backup



Simple Surveillance



NZBGet

N4100EVO

Specifications

Hardware Platform

Processor

- Dual-core Cavium CNS3420 SoC @ 600Mhz

System Memory

- 256MB DDR2

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)

LCD Indicators

- Power (blue)
- System Busy (orange)
- HDD1 Power, Activity/Fail (blue, yellow/red)
- HDD2 Power, Activity/Fail (blue, yellow/red)
- HDD3 Power, Activity/Fail (blue, yellow/red)
- HDD4 Power, Activity/Fail (blue, yellow/red)
- WAN/LAN1 (Activity: green)
- LAN2 (Activity: green)
- System Failure (red)

LCD Module

- 2*16 character display with 4 buttons

Disk Interface

- 4 x SATA for internal

Power Supply

- Internal 150W above

Thermal Control

- System temperature control

Buttons

- Power button (Front, shutdown controlled by user interface)

Environment

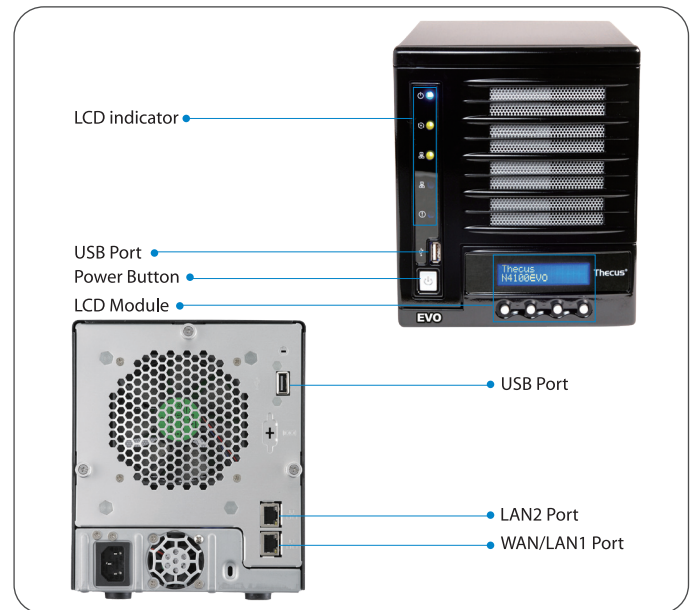
- Temperature: 5°C to 40°C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

Chassis

- Metal chassis

Dimensions (HxWxD)

- 226 x 165 x192 (mm)



Software Functions

RAID

- RAID Modes: RAID 0, 1, 5, JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported

Disk

- Power Management: Available spin-down while idle setting
- Bad Block Scan: Supported
- SMART Info: Supported
- SMART Test: Supported
- Roaming: Support roaming to other N4100EVO NAS

Network

- Configuration: Fixed IP address, dynamic IP address
- Transport Protocols: TCP/IP/Appletalk
- File Protocols: SMB/CIFS, HTTP/HTTPS, FTP, NFS, AFP

Data Access

- Client OS Support: Windows 2000/XP/2003/Vista/7 UNIX/Linux Mac OS
- 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: HTTP/FTP/BT/eMule (via DLM Module) NZB download (via NZB Module)
- Printer Server (IPP):
 1. Supports USB printers
 2. Supports a wide range of IPP printers
 3. Client can manage print tasks (restart/remove) via web user interface

Data Backup

- Client Incremental Data Backup: Acronis True Image (OEM version)
- Client System Disaster Recovery: Acronis True Image (OEM version)
- USB Copy: Copies USB device contents to the NAS (via USB Copy module)
- NAS Data Backup to External USB Device: Supported (via USB Backup module)
- Bi-directional USB Copy: Supported (via USB Copy module)
- 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: Supports Microsoft/Mac OS X/Linux initiators

Power Management

- Scheduled Power On/Off: Supported

Volume Management

- File System: XFS

Multimedia Support

- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Piczza!™ Web Server (via module):
 1. Supports GIF, JPG (JPEG), BMP and PNG
 2. Supports EXIF display
 3. Supports slide show
- Media Server: Supports uPnP AV streaming protocol (via Twonkymedia module)
- Simple Surveillance: Supports up to 2 IP cameras (via IP Cam module)

User Authentication

- Local User: Supports built-in user accounts
- Local Group: Supports built-in user groups

File System

- Type: Journaling File System
- Capacity: 8TB or above
- Language Support: Unicode Support
- Authorization: "Read", "write", or "deny" privileges to individual users or groups in folders and sub-folders

Administration

- User Interface: Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian and Polish
- 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

Others

- Recycled Bin: Supported
- Web Disk: Supported
- ISO Mount: Supported
- 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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