Thecus®
Subsidiary of Innoconn

intel® Look Inside.™

Thecus NAS

N4810
High-Value 4-Bay NAS
Your Personal Cloud

- Intel Braswell Quad-Core
- 4GB DDR3 RAM
- HDMI/DisplayPort
- SPDIF Output

4K ULTRAHD

SPDIF
DisplayPort
HDMI

Client Side Backup
Acronis
Remote Backup

Real-time Remote Replication

Office   Home

Experience ThecusOS™ 7.0

- Redesigned User Interface
- Optimized Storage Management
- Streamlined Application Use
- P2P Connectivity via Orbweb.me App

Enjoy Your Home Theater

- Built-in HDMI Output/DisplayPort/SPDIF
- Seamless 4K Multimedia Playback
- Media Streaming via Apple TV/Chromecast
- Media Streaming to XBOX360/PS4

Reliable Data Protection

- Bundled with Free Acronis & Antivirus
- Thecus System Failover
- Secure Remote Access with VPN
- Dropbox/Amazon S3/ElephantDrive

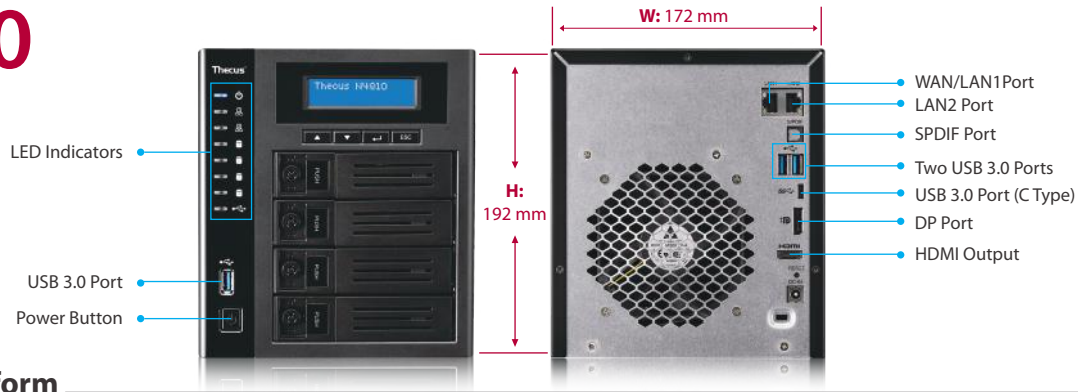| HDMI KODI	Photo Center	Download Manager	iTunes Server	iSCSI	NAS App Center	Snapshot	Mobile Access	Thecus Cloud
Local Display	Photo Center	Download Manager	iTunes Server	iSCSI	NAS App Center	Snapshot	Mobile Access	Thecus Cloud

www.Thecus.com

N4810

W: 172 mm

H: 192 mm

- LED Indicators
- USB 3.0 Port
- Power Button

- WAN/LAN1 Port
- LAN2 Port
- SPDIF Port
- Two USB 3.0 Ports
- USB 3.0 Port (C Type)
- DP Port
- HDMI Output

Hardware Platform

Processor
- Intel® Celeron™ N3160 Quad-Core

System Memory
- 4GB DDR3

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

USB Interface
- USB 3.0 host port x3 (front x1, back x2) (A Type)
- USB 3.0 host port x1 (back x1) (C Type)

LCM Module
- LCM display
- 4 buttons (ENTER, ESC, UP, DOWN)

HDMI Output
- HDMI port (back x1)

DP Output
- DP port (back x1)

SPDIF
- SPDIF port (back x1)

Disk Interface
- 4 x SATA for internal, support SATA II / SATA III hard disk

Power Supply
- 90W external power adapter

Power Management
- Auto power on after shutdown due to power loss

Buttons
- Power button

Environment
- Temperature: 0°C to 40°C (Operation)
  -40°C to 70°C (Non-operation)
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

Chassis
- 4bays Tower Metal Chassis

Dimensions (HxWxD)
- 192 x 172 x 250 (mm) / 7.56 x 6.77 x 9.84 (in)

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

Software Functions

RAID
- RAID Modes: RAID 0, 1, 5, 6, 10 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported
- Hot Spare: Supported
- 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
- Disk Roaming: Supports volume-based roaming to other Thecus NAS (Require ThecusOS 7 64 bit)
- Disk Wipe and Clone: Supported
- Disk Security: Supported

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, Broadcast
- 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, 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
  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)
  NZB download (via NZB 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
- Client Incremental Data Backup:
  Acronis True Image (OEM version)
- Client System Disaster Recovery:
  Acronis True Image (OEM version)
- Mac OS X Time Machine: Supported
- Local folder/iSCSI Backup: Supported
- Remote folder/iSCSI Backup: Supported
- Snapshot: Supported (Btrfs)
- System Failover: 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 RAID: Supported
- Multiple File System Selectable: EXT4/XFS/Btrfs

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

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

Cloud Backup
- DropBox: Supported (via module)
- ElephantDrive: Supported (via module)
- 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 (exclude Btrfs)
- Folder Quota: Supported (Btrfs only)

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
  Mac OS X Setup Wizard
- Email Notifications: Sends system messages via email to the system administrator
- SNMP Trap: System information trap out
- DDNS: Supported
- P2P Connection: Mail or FB account to register

Mobile Applications (iOS/Android)
- Thecus Connect™ (Android):
  Provides live up-to-date information of your NAS
- Thecus Wizord™ :
  Offers fast NAS Setup via your phone
- Thecus T-OnTheGo™ :
  Upload, download and stream multimedia
- Orbweb.me: Uploading, downloading, streaming multimedia and webcam via P2P connection

Data Security
- Antivirus: Supported (via module)

Capacity Expansion
- Stackable: Can extend for 5 additional iSCSI volumes from other Thecus NAS
- Scale-Out: Dynamic Volume Expansion

Others
- Recycled Bin: Supported
- ISO Mount: Supported
- Local Display: X-Window via HDMI output

Retail/Reseller Information

RoHS COMPLIANT