QNAP

HS-210
Silent & fanless NAS

SilentNAS QNAP

Fanless

HS-210 key features

- Stylish 2-bay NAS with set-top design
- Supports 2.5"/ 3.5" NAS HDD or SSD
- Fanless for noise-free operation
- Centralize, protect and share your media & data

- Feature-rich apps for entertainment, productivity and backup
- Your private cloud with data sync from PC, mobile and other devices
- Energy saving green design

Modern & stylish

Created for the living room with a revolutionary fanless architecture, the HS-210 features a modern set-top design that fits alongside your HDTV, game consoles and other elements of your digital lifestyle. Underneath the stylish & compact brushed metal aluminum body, the HS-210 is packed full of cutting-edge features & apps to provide day-to-day entertainment, storage, and backup needs.

Enjoy photos, music and videos

With the HS-210, you can view and share photos, music, videos on the Web, or enjoy them on your large screen TV with full HD quality via DLNA or AirPlay connection. Broadcast your own music or download the content from the Internet with various apps in the App Center.

Store and share your photos

The Photo Station makes photo sharing easy, and you can designate your own access controls. Simply upload your photos to the HS-210 and you can effortlessly create & organize your photo albums with your family and friends. Your photos taken with mobile devices can also be instantly added to your HS-210 with the Qfile mobile app on your iOS® or Android™ devices.

Stream your videos via DLNA

The HS-210 is the perfect video storage center for you to store your movies & home video collection. It features high-speed data transfer – fast enough to support multiple 1080p HD streams – and the silent running of the HS-210 helps deliver the best cinema-grade home theater experience right to your living room.

Stream your videos via AirPlay

The HS-210 also supports Apple® AirPlay. Available in the App Center, QAirplay allows you to steam your media content directly to your TV via AirPlay-enabled devices such as Apple TV. The media content is streaming on Apple TV, bypassing your mobile device, thus saving the energy of your mobile device. Alternatively, the Qfile mobile app allows you to browse videos and photos stored on the HS-210 and play on the TV via AirPlay-enabled devices such as Apple TV. It is just that convenient to enjoy multimedia entertainment through the wireless experience.

Your music library anywhere

The Music Station helps categorize your music collection, and displays album covers to easily organize your personal playlists. Through the Music Station you can enjoy your music anywhere, anytime with a few clicks. Thousands of local & global online Internet radio stations are built-into Music Station for you to enjoy as well.
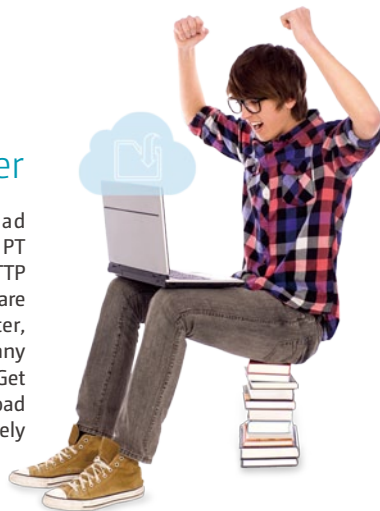
Silent & dust-free

The HS-210 was created as a silent NAS solution that allows users to enjoy files and media with no distractions, providing a perfect match for home theater enthusiasts and audiophiles looking to maximize their audiovisual experience and users who wish to constantly run their systems without any background noise. Being fanless, the HS-210 has no internal moving parts for improved reliability and remains clean and dust-free even after long-term usage.

Safeguard your assets and property

The HS-210 comes with the Surveillance Station that includes professional Network Video Recorder (NVR) software. The Surveillance Station along with IP cameras provides real time remote video monitoring, recording, playback, and management. More than 2,100 IP CAM of over 90 renowned brands are supported. Together with handy mobile apps to monitor and access 24/7, it's easy and economical to set up a professional video surveillance system to safeguard your assets and property.

24/7 download center

The HS-210 is a perfect download center for high speed BT, Magnet, PT (Private Trackers), eMule, FTP, and HTTP download. After the download tasks are ready, you can turn off the computer, and the HS-210 will download as many HD videos as you want. With the QGet utility you can manage your download tasks on multiple NAS devices remotely on the local network or the Internet.

Cloud storage / Mobile access & sync

The HS-210 is your private cloud storage that virtually enlarges the capacity of your smart mobile devices. Qfile allows you to access, upload, download, manage, and share stored files easily as if you are carrying everything in your pocket. Music, photos and videos can be streamed, enjoyed and shared anytime, anywhere. Qmanager also lets you monitor and manage the HS-210 remotely and efficiently without turning on a PC.
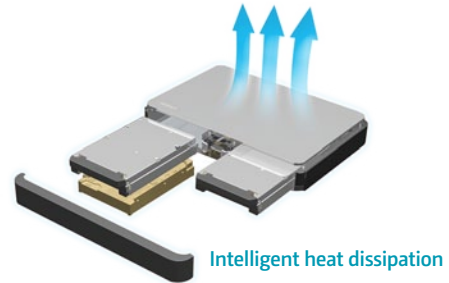
Turbo NAS App Center

In addition to these apps, the HS-210 has a built-in App Center that provides various install-on-demand apps developed by QNAP and third-party developers, including tools for backup/sync, business, content management, communications, downloading, entertainment, and much more. It is also a centralized location for managing & updating installed apps. In addition, QNAP's development platform embraces the spirit of open source and allows you and other developers to create their own apps, adding near-unlimited opportunities for the HS-210.

Learn more: www.qnap.com/app_center

Fanless, cool, and energy-saving

Instead of a fan, the HS-210 features a remarkable thermal design that intelligently dissipates heat, allowing us to create a sleek, modern design without the bulk of conventional NAS systems. This innovative thermal design helps keep the HS-210 running smoothly even under the heaviest loads. The HS-210 is also eco-friendly, with power saving features including hard disk standby when not in use, and power management scheduling options.

Intelligent heat dissipation

Power LED

Power Connector — SD Card — Gigabit LAN — Power
Password & Network Settings Reset Button — USB 2.0 X 2 — USB 3.0 X 2

Hardware Specification

CPU	Marvell 1.6GHz
RAM	512 MB DDR3
Flash	16MB
No. of Internal Hard Drives	2 x 2.5" or 2 x 3.5" SSD or NAS hard drives - Maximum Raw Capacity: 8TB - The system is shipped without hard drives
Swappable Hard Drive	2 x Hot-swappable hard drives
Gigabit LAN	1
LED Indicator	STATUS, LAN
USB Port	2 x USB2.0, 2 x USB 3.0
SD Card Slot	1
Button	Power, Reset
Form Factor	Set-top Design
Dimension (mm)	302 x 220 x 41.3
Weight (Kg)	1.56
Power Consumption (W)	Sleep mode: 7.39w In operation: 13.71w (with 2 x WD RED HDD in Stalled)
Temperature	0℃ - 40℃
Relative Humidity	0% -95% R.H.
Power Adaptor	External Power Adaptor, 60W, 100-240V
Max No. of Users	2048
Max No. of User Groups	256
Max No. of Network Shares	256
Max No. of Concurrent Connections	256
Max No. of IP Cameras	8
IP Camera Support	2 free licenses included, upgradeable to 8

QTS Home/SOHO NAS Applications

Operating System
- QNAP TurboNAS System 4.1 +

Supported Client OS
- Windows XP, Vista, Windows 7 (32/64-bit), Windows 8 (32/64-bit), Windows Server 2003/2008 R2/2012
- Apple Mac OS X
- Linux & UNIX

Supported Browsers
- Microsoft Internet Explorer 10
- Mozilla Firefox 8+
- Apple Safari 4+
- Google Chrome

Multilingual Support
- Chinese (Traditional & Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, Turkish

File System
- Internal Hard Drive: EXT3, EXT4
- External Hard Drive: EXT3, EXT4, NTFS, FAT32, HFS+

Networking
- TCP/IP (IPv4 & IPv6: Dual Stack)
- Proxy Client, Proxy Server
- DHCP Client, DHCP Server
- NTP Server
- Protocols: CIFS/ SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP and SMSC
- UPnP & Bonjour Discovery
- USB Wi-Fi Adapter Support

Security
- Network Access Protection with Auto-blocking: SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP
- CIFS Host Access Control for Shared Folders
- Importable External SSL Certificate
- Instant Alert via E-mail, SMS, Beep

Disk Management
- Single Disk, JBOD, RAID 0, 1
- Online RAID Capacity Expansion and Online RAID Level Migration
- Bad Block Scan and Hard Drive S.M.A.R.T.
- Bad Block Recovery
- RAID Recovery
- Bitmap Support

Power Management
- Wake on LAN
- Internal Hard Drive Standby Mode
- Scheduled Power on/off
- Automatic Power on after Power Recovery
- USB and Network UPS Support with SNMP Management

Access Right Management
- Batch User Creation
- Import/Export Users
- User Quota Management
- Local User Access Control for CIFS, AFP, FTP and WebDAV,
- Application Access Control for Photo Station, Music Station, Video Station and Multimedia Station
- Subfolder Permission Support for CIFS/SMB, AFP, FTP and File Station

myQNAPcloud Service
- Private Cloud Storage and Sharing
- Free Host Name Registration (DDNS)
- Auto Router Configuration (via UPnP)
- CloudLink for Remote Access without Complicated Router Setup
- myQNAPcloud Connect for Easy VPN Connection Setup (Windows VPN Utility)

Qsync
- Syncs Files among Multiple Devices through the NAS
- Supports for not Removing Files on the NAS during Synchronization
- Selective Synchronization
- Shares Files Securely with SSL
- Team Folder
- Shares Files by Links via email
- Uploads Photos or Videos to Qsync Folder Automatically via Qfile
- Restores Files from Network Recycle Bin
- File Name Conflict Policy
- Flexible Filter Settings
- Privilege Control for Qsync Users
- Transmits only file differences (among different versions.)
- Stores only file differences (among different versions).
- Restores or downloadsonly one version for the file stored or deleted.
- Up to 64 versions can be retained.
- Supports Windows & Mac OS

Web Administration
- Multi-window, Multi-tasking based System Management
- Movable Icons and Personalized Desktop
- Smart Toolbar and Dashboard for Neat Display on System Status
- Personalized Photo-wall Style and Login Screen
- Dynamic DNS (DDNS)
- SNMP (v2 & v3)
- Resource Monitor
- Network Recycle Bin for File Deletion via CIFS/SMB, AFP and File Station
  - Automatic Cleanup
  - File Type Filter
- Comprehensive Logs (Events & Connection)
- Syslog Client/Server
- Live Firmware Update
- System Settings Backup and Restore
- Restores to Factory Default
- Mobile App: Qmanager for Remote System Monitoring & Management

File Station
- File Sharing across Windows, Mac, and Linux/UNIX
- Windows ACL
- Advanced Folder Permission for CIFS/SMB, AFP, FTP
- Shared Folder Aggregation (CIFS/SMB)
- Supports ISO Mounting (Up to 256 ISO Files)
- Creates and Sends Download Links for Sharing Public Files with Expiration Time and Password Protection
- Uploads Files via Share Links
- Drag-n-drop Files in Chrome and Firefox Browsers
- File Compression (ZIP or 7z)
- Mobile App: Qfile for File Browsing and Management

FTP Server
- FTP over SSL/TLS (Explicit)
- FXP Supported
- Passive FTP Port Range Control

Backup Station
- Remote Replication Server (over Rsync)
- Real-time Remote Replication (RTRR) to another QNAP Turbo NAS or FTP Server
- Works as both RTRR Server & Client with Bandwidth Control
- Real-time & Scheduled Backup
- Encryption, Compression, File Filter, and Transfer Rate Limitation
- Encrypted Replication between QNAP Turbo NAS Servers
- Desktop Backup (via by QNAP NetBak Replicator for Windows)
- Supports Apple Time Machine Backup

- Data Backup to Multiple External Storage Devices
- Synchronizes with Cloud Storage: Amazon S3, ElephantDrive, Symform, Dropbox, and Google Drive
- Support for Third Party Backup Software Support: Veeam Backup & Replication, Acronis True Image, ARCserve Backup, EMC Retrospect, Symantec Backup Exec, etc.

Printer Server
- Max No.of Printers: 3
- Supports Internet Printing Protocol
- Print Job List and Management
- IP-based and Domain Name-based Privilege Control

Photo Station
- Intuitive Drag-n-drop Design
- Shows Photos in Thumbnails, List, Timeline, or Folder View
- Supports Virtual Album
- Supports Smart Album
- Validity Control (Expiration Setup) for Sharing Albums
- Tags Photos with Text, Color, and Rating
- Slideshows with Background Music and Different Transition Effects
- Geotags Photos and Displays them on Google Maps
- Shares Slideshow Links on Social Networking Websites or through Email
- Supports Facebook Friends Login
- Supports Modification on Photo Taken Date

Music Station
- Plays or Shares Music Collections with Web Browsers
- Automatic Classification via Media Library
- Internet Radio (MP3)
- Up to 8 Music Alarms
- Mobile App: Qmusic for Music Playing and Management

iTunes Server
- Audio and Video Sharing for Windows & Mac iTunes

Video Station
- Intuitive Drag-n-drop Design
- Shows Photos in Thumbnail, List, Timeline, or Folder View
- Supports Virtual Collection
- Supports Smart Collection
- Validity Control(Expiration Setup) for Sharing Collections
- Tags Videos with Text, Color, and Rating
- Shares Video Collection Links on Social Networking Websites or through Email
- Sorts Videos Automatically into User-defined Classifications
- Displays Movie Information from IMDB

DLNA Server
- Supports DLNA/UPnP TVs and Players such as PlayStation 3 and Xbox 360

AirPlay
- Streams Videos, Photos and Music from Turbo NAS to Apple TV via Qfile or QAirplay's Web-based Controller

Digital TV Station
- DVB-T Digital TV Live View, Recording, and Playback
- Supports up to 2 USB TV Tuners
- Electronic Programming Guide (EPG) with Scheduled Recording
  Note: The availability of DVB-T broadcasting and EPG may vary depending on geographic locations.

Download Station
- PC-less BT, FTP/FTPS, and HTTP/HTTPS Download (up to 500 Tasks)
- BT Download with Magnet Link and PT Support
- Scheduled Download and Bandwidth Control
- RSS Subscription and Download (Broadcatching)
- Bulk Download with Wildcard Settings
- BT Search
- Proxy Support for BT Download
- PC Utility: QGet for Browsing and Managing Downloads
- Mobile App: QGet for Browsing and Managing Downloads

Surveillance Station Pro
- Supports over 2,100 IP Camera Models
- Includes 2 Free Camera License, Up to 8 Camera Channels Supported (via Paid Licenses)
- Instant Playback to Check Recent Events
- Supports Editing Camera Settings during Live View
- Visual Aids on E-map
- Playback and Speed Control by Shuttle Bar
- Video Preview using Playback Timeline
- Intelligent Video Analytics (IVA) for Advanced Video Search
- Surveillance Client for Mac
- Mobile Surveillance App: VMobile (iOS and Android)
- Mobile Recording App: Vcam (iOS and Android)

Notes Station
- Supports WYGIWYS Editor
- Supports NAS File Insertion
- Supports Event Calendar and To-do List
- Supports Multi User Collaboration
- Supports Note publishing with a Single Link
- Supports Keyword Search
- Chrome Extension: Notes Station Clipper

SocialLink Station
- Supports Flexible Right Management
- Supports Sharing Photos, Music and Videos
- Supports Multi-user Collaboration
- Supports Searching Tags, EXIF information from photos and ID3 tags from mp3
- Supports Event Creation
- Presents Check-in on Map View
- Supports Instant Notification
- Supports Photo, Music and Video Playing

Signage Station
- Supports Dynamic Contents Includes Videos, Images, Music and Text Messages
- Supports Multi-users Collaboration
- Supports Keyword Search
- Supports Sharing via Email and on Social Network Websites
- Supports Design Software - iArtist Lite
- Supports Account Authority Management
- Supports Playback on Various Browsers (Chrome, Firefox, IE and Safari)
- Supports Content Lists based on Message Categories including Most Viewed, Latest Released

APP Center
- More than 100 Official and Third Party Software Add-ons Available (ex: Dropbox, Google Drive Sync, WordPress, HappyGet II, etc.)

* The data encryption functions may not be available in accordance with the legislative restrictions of some countries.

Product designs and specifications are subject to change without notice.

QNAP
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