

# TS-433



**Brand:** QNAP

**Product Code:** TS-433

**Availability:** 10

**Weight:** 2.07kg

**Dimensions:** 165.00mm x 160.20mm x  
220.50mm

**Call for Price:**

## Short Description

QNAP 4 Bay NAS TS-433-4G

## Description

Run your own personal cloud storage and enjoy easy file access, sharing, and syncing with the TS-433. Designed with a 2.5GbE port to enhance collaboration and increase remote work productivity, the TS-433 also features rich multimedia applications and provides a complete home entertainment portal.

### Centralized multimedia management

Centrally store photos, music, and videos; easily browse, organize, and share multimedia files.

## **AI-powered image recognition**

With a built-in NPU (Neural network Processing Unit) processor, the TS-433 boosts performance for high-speed face and object recognition.

## **Home entertainment center**

Supports ARM NEON technology that accelerates video processing for a greater entertainment experience.

## **Secure remote access**

myQNAPcloud allows you to easily access, manage, and share NAS files via the Internet.

## **Snapshot protection against Ransomware**

Protect your files and data from accidental deletion and malware attacks by using advanced snapshot protection.

## **Comprehensive security management**

Serves as a secure private cloud and supports user account protection, IP blocking, 2-step verification, encryption access, and more.

## Available Models

### TS-433-4G

ARM 4-core Cortex-A55 2.0GHz processor, 4 GB on board (non-expandable)

## Minimalist design

The compact and slim TS-433 prioritizes a clean and essential design, and perfectly blends into your home or office. The design extends to the hard drives, which can be installed without needing a screwdriver.



## **Effective cooling fan for heat flow**

The TS-433 is small in size and remains high-performance, cool, and quiet with an effective cooling fan.

## **64-bit Cortex-A55 quad-core 2.0 GHz CPU NAS for everyday use and collaboration**

Powered by a ARM® Cortex-A55 quad-core 2 GHz processor, built-in 4 GB RAM, one Gigabit LAN port, one 2.5 Gigabit LAN port, and supports four SATA 6Gb/s hard drives, the TS-433 provides dependable read/write performance for running various home and business NAS applications. The TS-433 features AES-NI 256 hardware-accelerated encryption for both full NAS volumes and shared folders, boosting system performance while securing sensitive data.

**Tested in QNAP Labs. Figures may vary by environment.**

### **Test Environment :**

NAS: TS-433

OS: QTS 5.0.0

Volume type:

Samsung 860 PRO 512GB SATA\*4, RAID 5

Client PC:

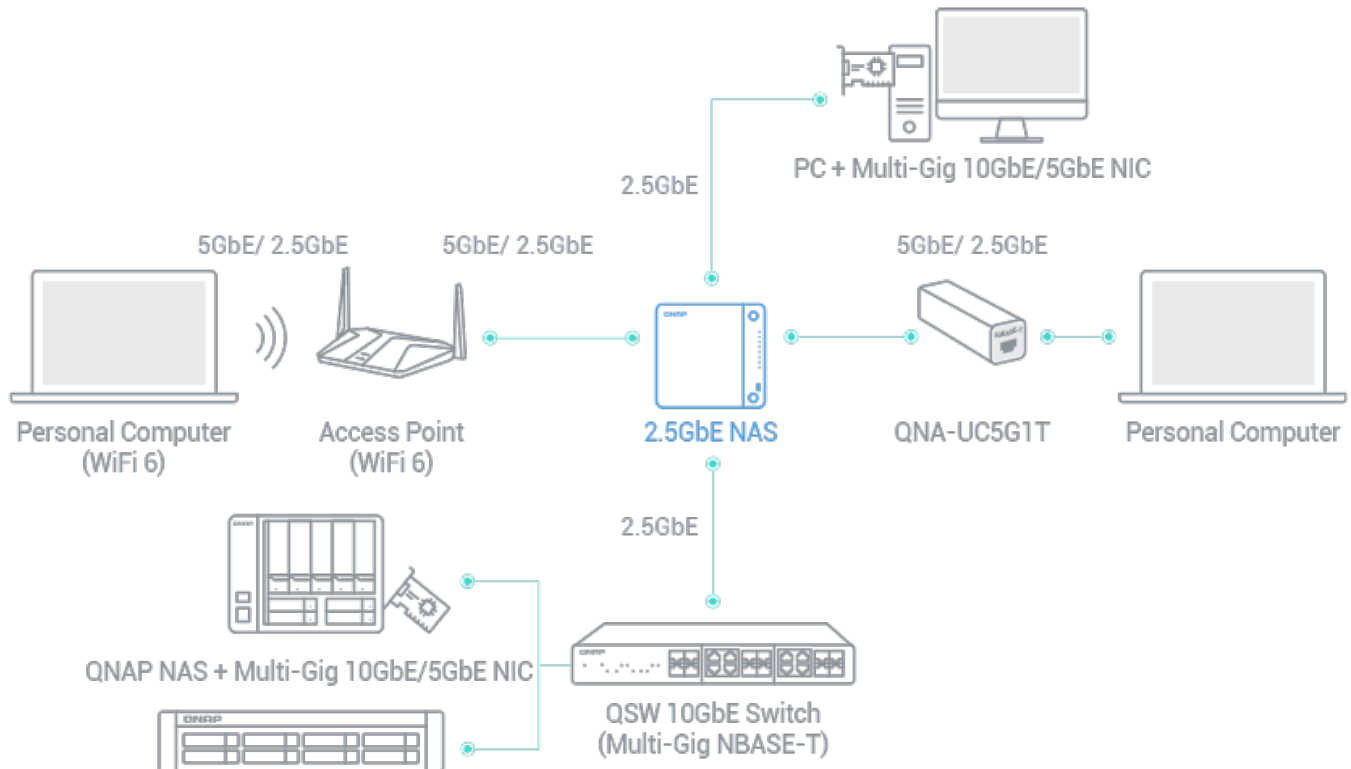
Windows Server 2016, Intel i7-6700 3.40GHz, 64GB RAM, NIC Intel X550

## **Build a High-Speed 2.5GbE Network Environment**

QNAP offers comprehensive, budget-friendly storage and networking solutions that provide an array of connectivity possibilities. Easily and flexibly upgrade your workplace or home network now to handle bandwidth-hungry applications.

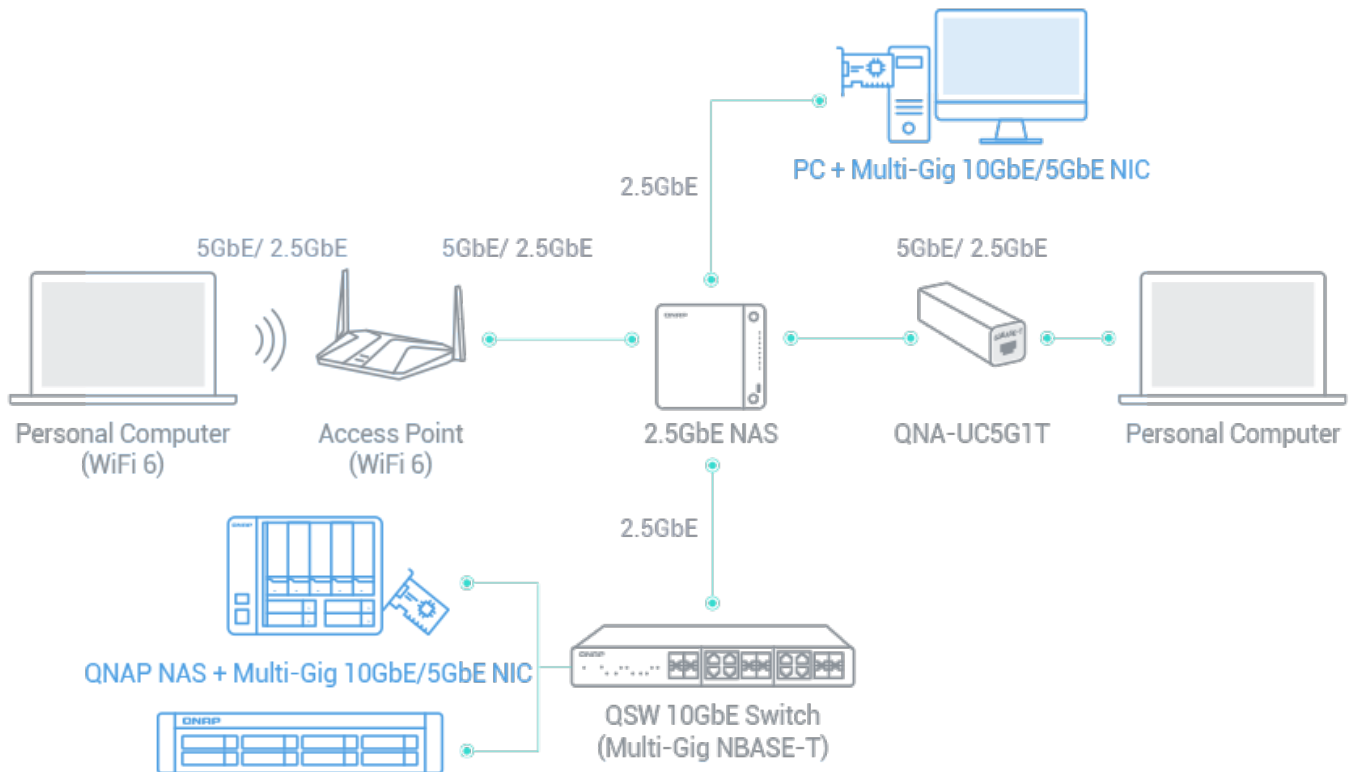
## A fast 2.5GbE NAS

The TS-433 features one 2.5GbE ports.



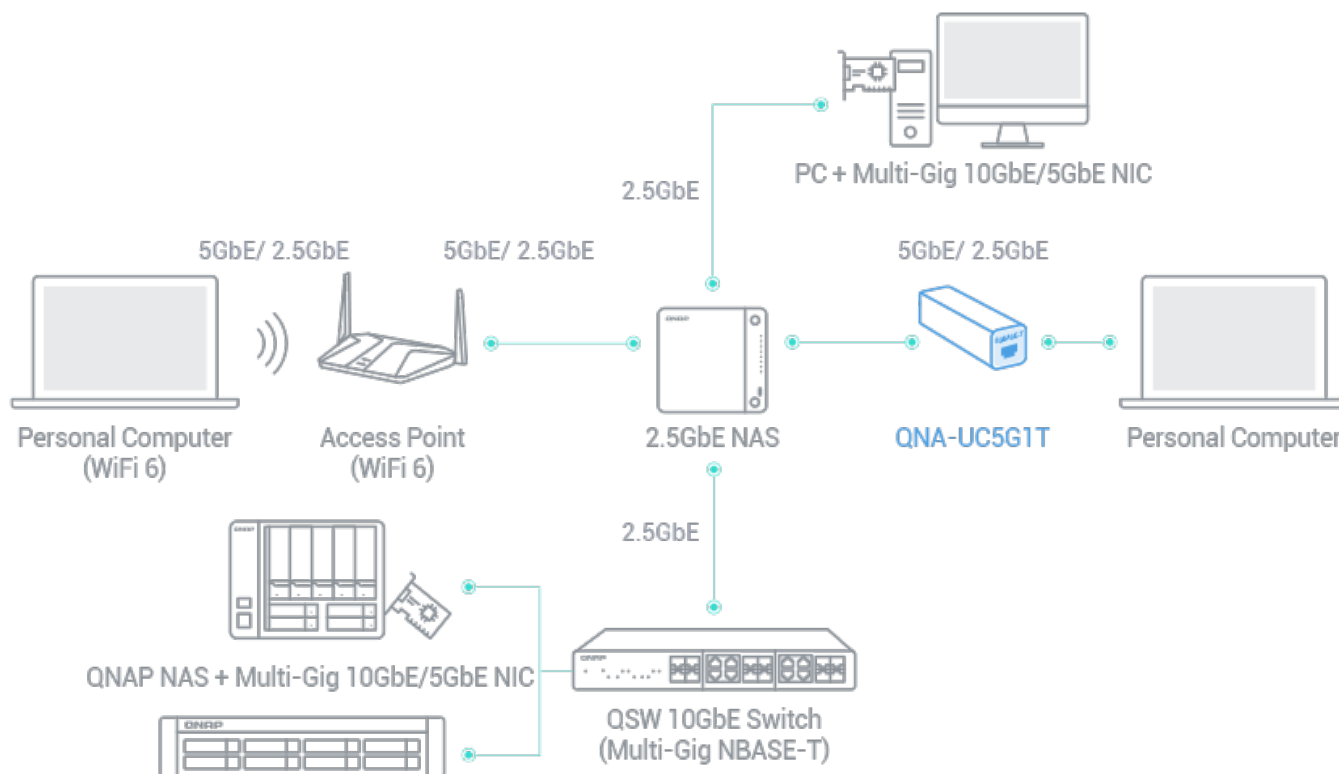
## Upgrade computers and servers

Servers and desktops can install PCIe-based [QNAP network cards](#) that support 10G/5G/2.5G/1G/100M Multi-Gig.



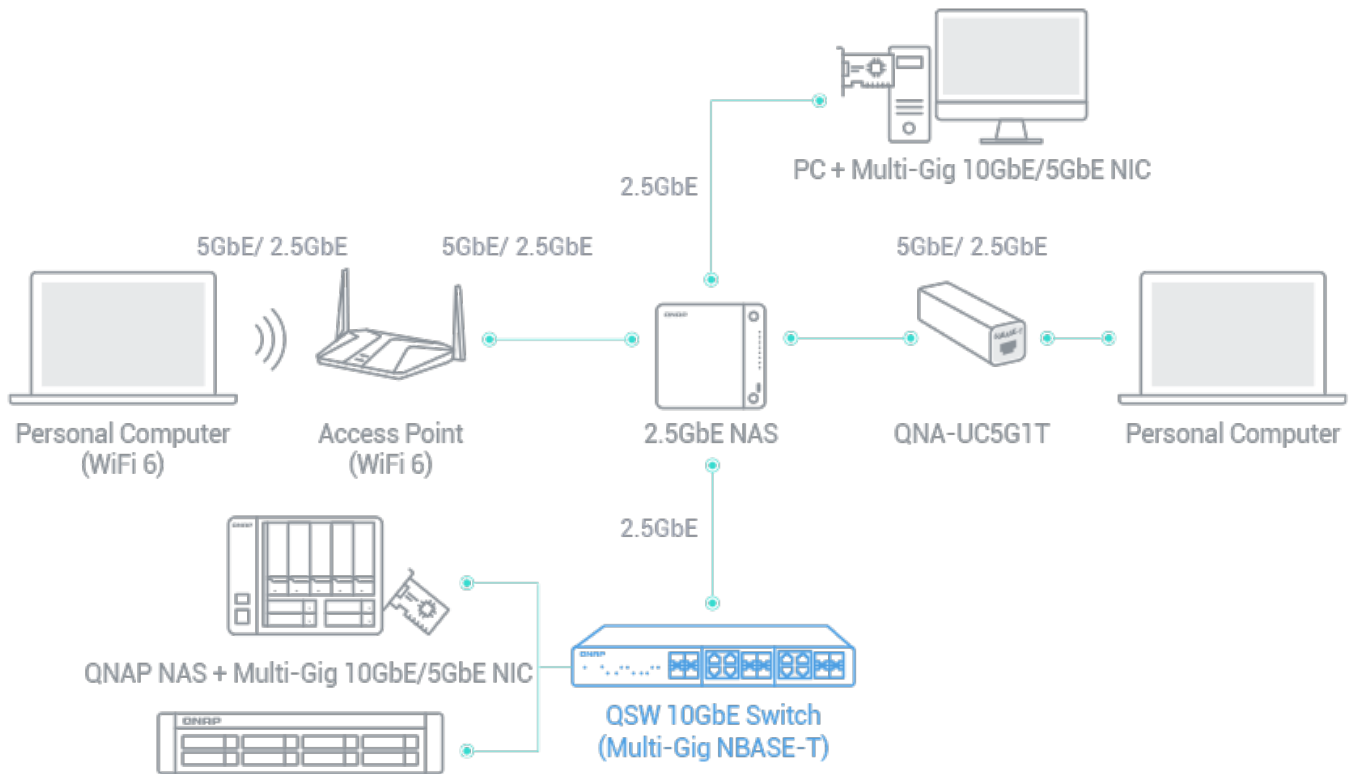
## Add a 5GbE port to laptops

Laptops and upgrade-limited computers can use [QNAP's portable USB 3.2 Gen 1 to 5GbE adapter](#) that allows you to connect to 5G/2.5G/1G/100M networks via USB.



## A switch that supports 2.5GbE+

[QNAP's 10GbE/NBASE-T switches](#) support 10G/5G/2.5G/1G/100M and allow connecting multiple workstations and devices for high-speed collaboration in device-dense environments.



## **NPU accelerates on-device AI performance. 6x faster face recognition**

NPU (Neural-network Processing Unit), designed to speed up AI tasks, not only accelerates organization and classification in QuMagie smart album, but also reduces CPU workloads when fulfilling AI-driven requests. When uploading a large number of photos to the TS-433, you will enjoy high-speed AI performance of photo processing brought by NPU.

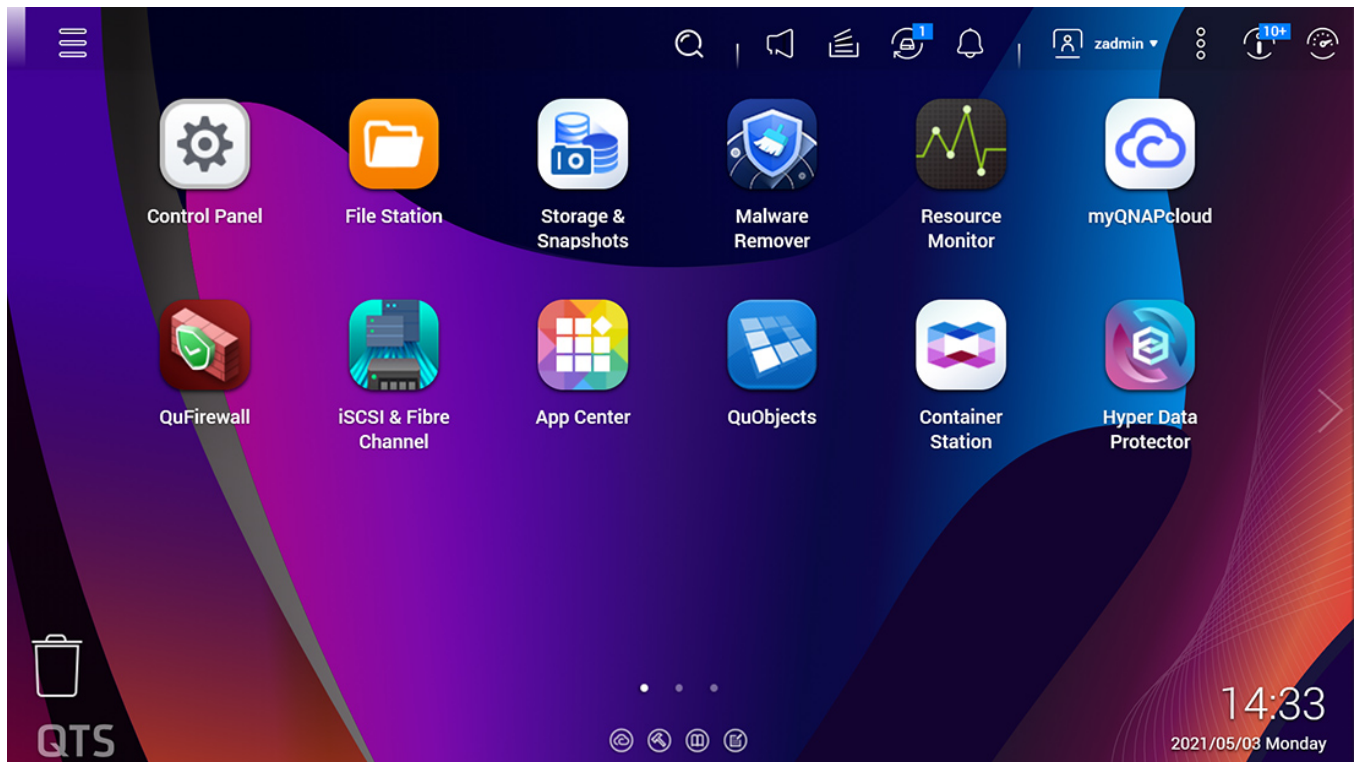
## **QTS 5, Fast, smooth, and easy-to-use!**

The TS-433 comes with the QTS 5 operating system as standard, providing a next-generation usage experience with an updated system kernel, optimized user interface, and advanced security features.



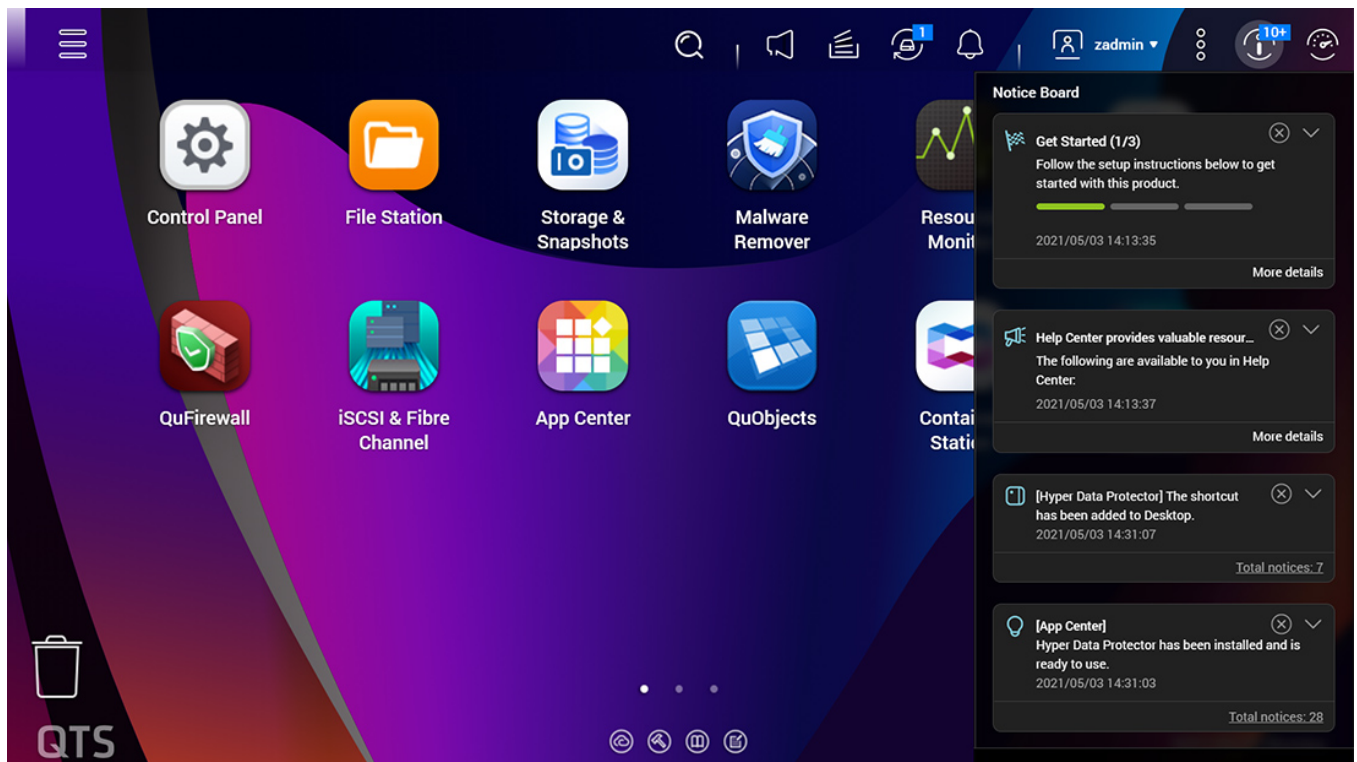
## Brighter. Smoother. You'll like it.

When navigating QTS 5, you will notice a finer attention to detail for a superior browsing experience. Enjoy a smoother NAS experience, comfortable visual design, and find your favorite apps quicker.



## Get started with the notice board

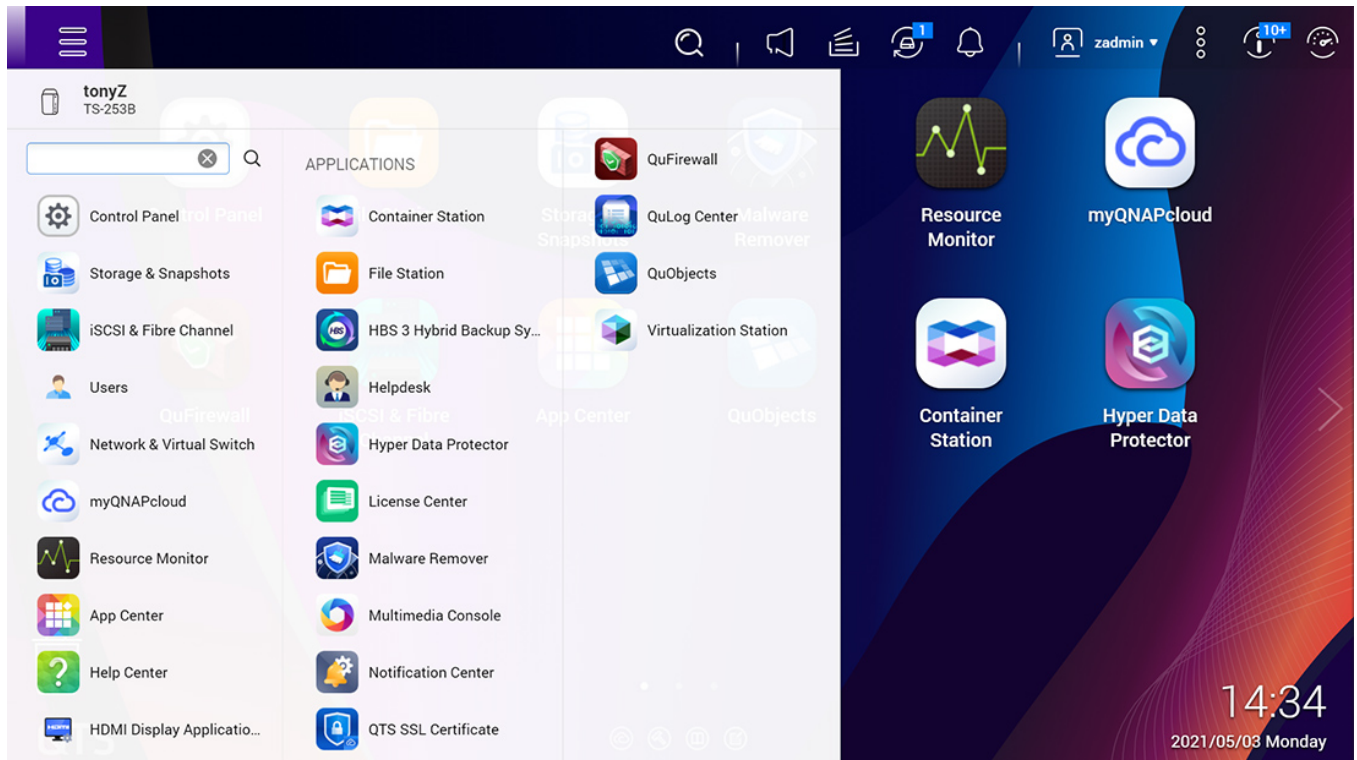
When performing first-time installation, the notice board guides you through the setup process. Simply follow the step-by-step instructions for a quick and easy setup.



## Smooth and reactive user interface

Whether clicking buttons, switching between apps, expanding/collapsing windows –

every action is much smoother. The search bar in the main menu also assists in quickly finding desired apps.



## An easy-to-use, all-in-one backup solution

The TS-433 can do many things, but at its heart is a complete backup solution to protect your files and data. By regularly backing up your files and device content, you can make

data loss a thing of the past.

### **Back up Windows®/Mac® files**

For Windows®, install NetBak Replicator to back up your PC files to the TS-433. In macOS®, simply set up the built-in Time Machine® to back up files to NAS.

### **Back up photos on mobile devices**

Install Qfile or QuMagie mobile app and enable the “auto-upload” function. Photos will be automatically uploaded to your TS-433 as soon as they are taken.

### **Back up USB drives & external hard drives**

Simply plug in the storage device to the front USB port of the TS-433 and press the One-Touch Copy button to back up all files to the NAS.

### **Back up Google Drive™**

Hybrid Backup Sync can safely back up files and data from Google Drive™ to the TS-433, helping you save money on cloud storage costs.

## **Back up NAS files to the cloud**

Hybrid Backup Sync supports QNAP-hosted myQNAPcloud Storage and numerous public cloud services, allowing you to effortlessly back up or sync NAS files to cloud storage.

## **Back up NAS files to remote sites**

With Hybrid Backup Sync, you can easily backup or sync files and data from the TS-433 to a remote QNAP NAS or server for multiplied data protection.

## **Back up WordPress sites**

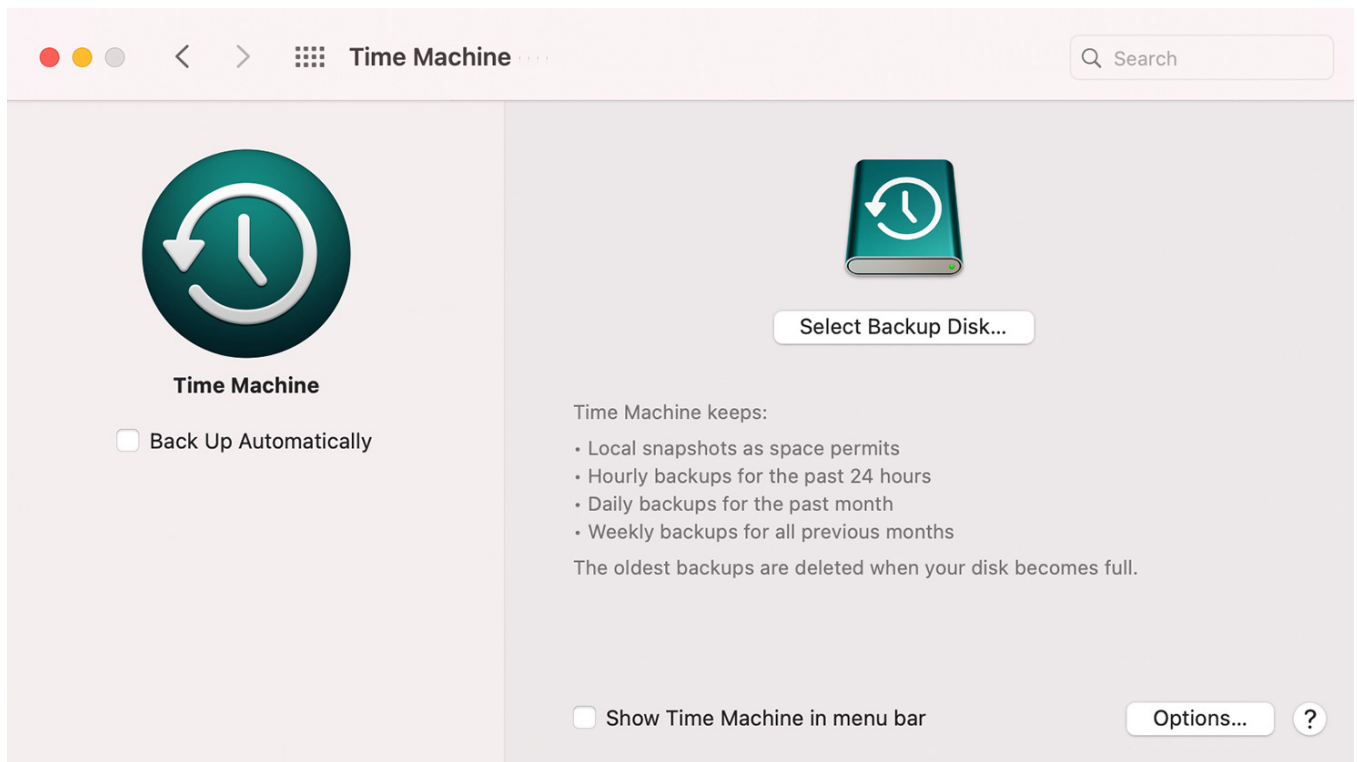
Enjoy efficient WordPress backup/restore and site migration by leveraging the user-friendly Multi-Application Recovery Service (MARS), and easily batch backup WordPress files and database to the TS-433 with backup scheduling.

## **Protect your data from ransomware threats with Snapshots**

Snapshots are an advanced backup method and are normally reserved for high-end business NAS. QNAP provides snapshots as standard for all NAS – including the TS-433. Snapshots work by recording the current state of the system, allowing it to be restored back this state at any time - greatly helping in mitigating the threat of ransomware.

## Back up PCs to your NAS

Always remember to back up! You should routinely (or automatically) back up files and data from your computer to your TS-433.



## Take snapshots within seconds

Instantly take snapshots to record the current state of your system and data. You can quickly restore files and data to a previously recorded state by selecting a snapshot version from a specific time point.

**Storage & Snapshots**

External Storage Devices | SSD Over-Provisioning | Qtier | VJBOD/VJBOD Cloud

**Storage Pool 1**

**Space Allocation ( Total 513.78 GB )**

- Allocated: 44.12 %
- Pool Guaranteed Snapshot Space: 0 %
- Snapshot used: 0.00 %
- Unallocated: 55.88 %

**Local Protection**

Protection Status (Volumes: 1 LUNs: 0)

☒ Snapshots and Snapshot Replica ☐ Snapshots ☐ Snapshot Replica ☐ No Snapshots

**DataVol1**

**DataVol1 Snapshots**

2021/04/13 Earliest

2021/04/13 Now

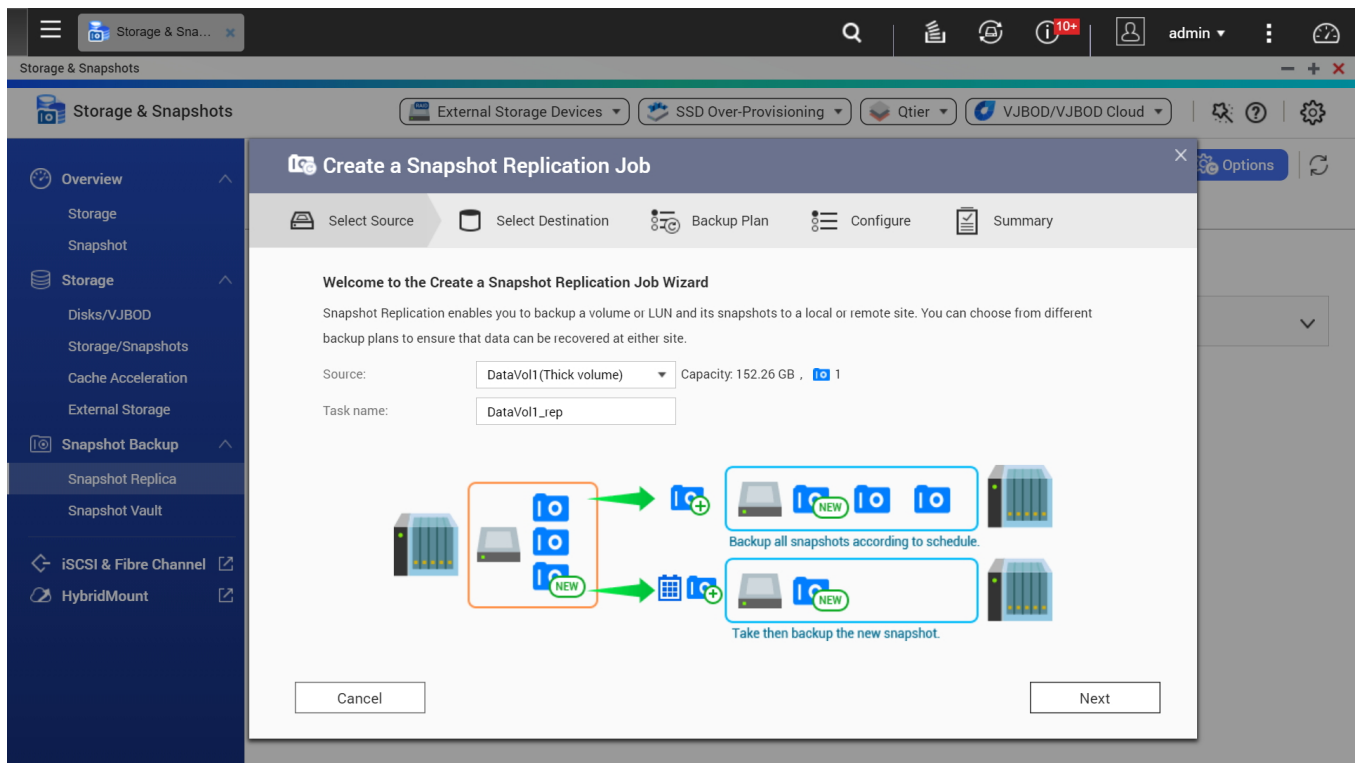
**Time since last snapshot**  
00 day(s) 00 hour(s) 02 minute(s)

**Take Snapshot**

[Open Snapshot Manager >](#)

## Back up snapshots

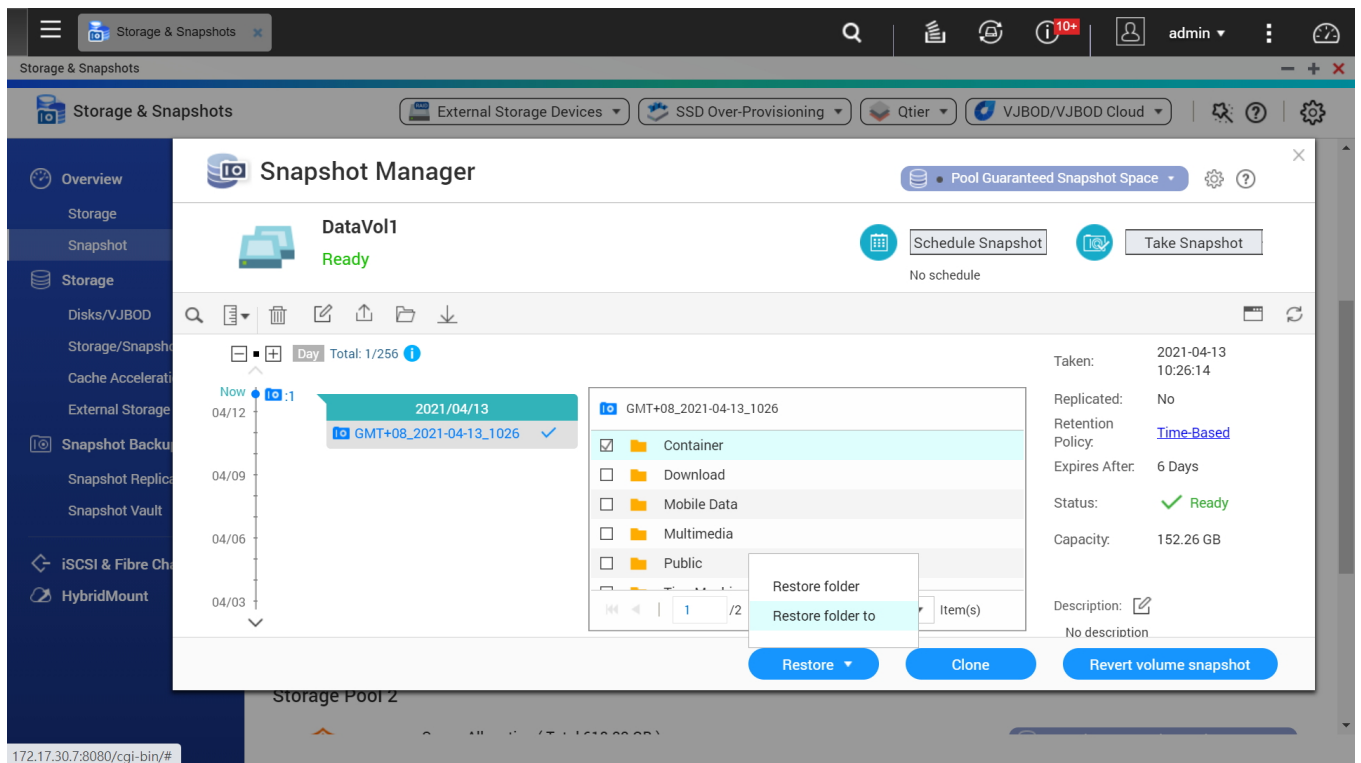
Multiply data protection by backing up snapshot files! Replicate snapshots in the TS-433 to a remote NAS (Snapshot Replica) and only copy the changes made. This helps save time & bandwidth, and can be run manually or on a scheduled basis.



## Restore data using snapshots

Snapshot content can be quickly restored to a local NAS, or restored on a folder/file basis to a local/remote NAS or cloud storage. You can also conveniently view and restore snapshots from the client side.





## The best storage for your high-resolution multimedia files

High-resolution RAW files eat up phone storage so quickly. Whether you are a photographer enthusiastic, YouTuber, or professional photo/video editors, use the TS-433 with high-capacity hard drives to alleviate your storage anxiety and organize files efficiently as the best storage center.

## Storage for music collections

Use Music Station to collect and play lossless music, sing along with lyrics, and share albums, playlists or folders with friends and family. You can also put tons of music right in your pocket using the Qmusic mobile app.

## Store high-resolution videos

Centrally collect GoPro diaries, videos of your family, friends, and pets in Video Station, and easily share your favorites. Take all your videos with you on your mobile devices using the Qvideo mobile app.

## **Enhanced multimedia experience**

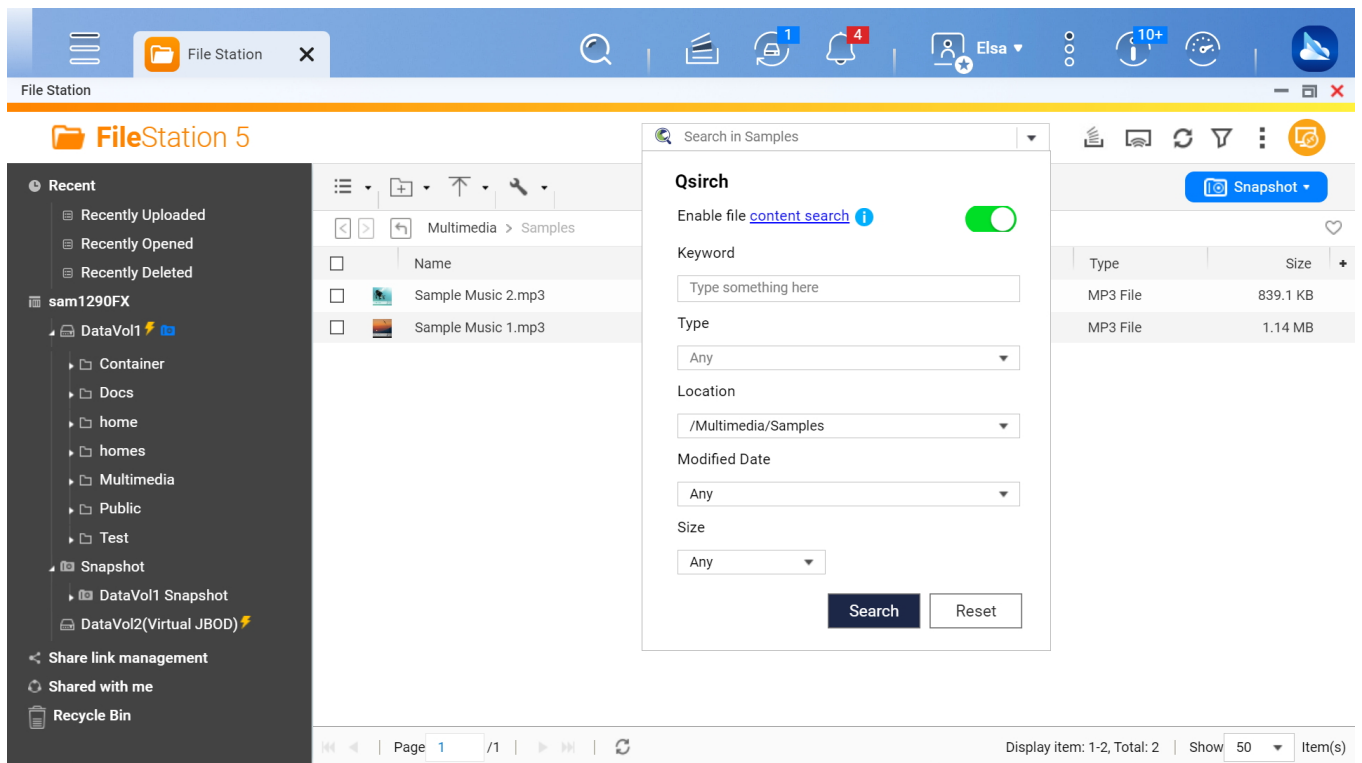
The TS-433 supports ARM NEON technology to accelerate video processing for a greater entertainment experience. Stream media files from the TS-433 to DLNA® devices and TVs using common media streaming devices including Roku®, Apple TV® (via [Qmedia](#)), Google Chromecast™, and Amazon Fire TV®.

## **Tips for a more productive workday**

With a wide range of awesome apps, you can easily access files from various devices, instantly synchronize files with friends' or colleague's devices, quickly find specific files, and automatically organize your documents and media files. You can also map the TS-433's shared folders as network drives on your computers, making accessing NAS files easy and intuitive. The TS-433 helps you save time while being more efficient and productive.

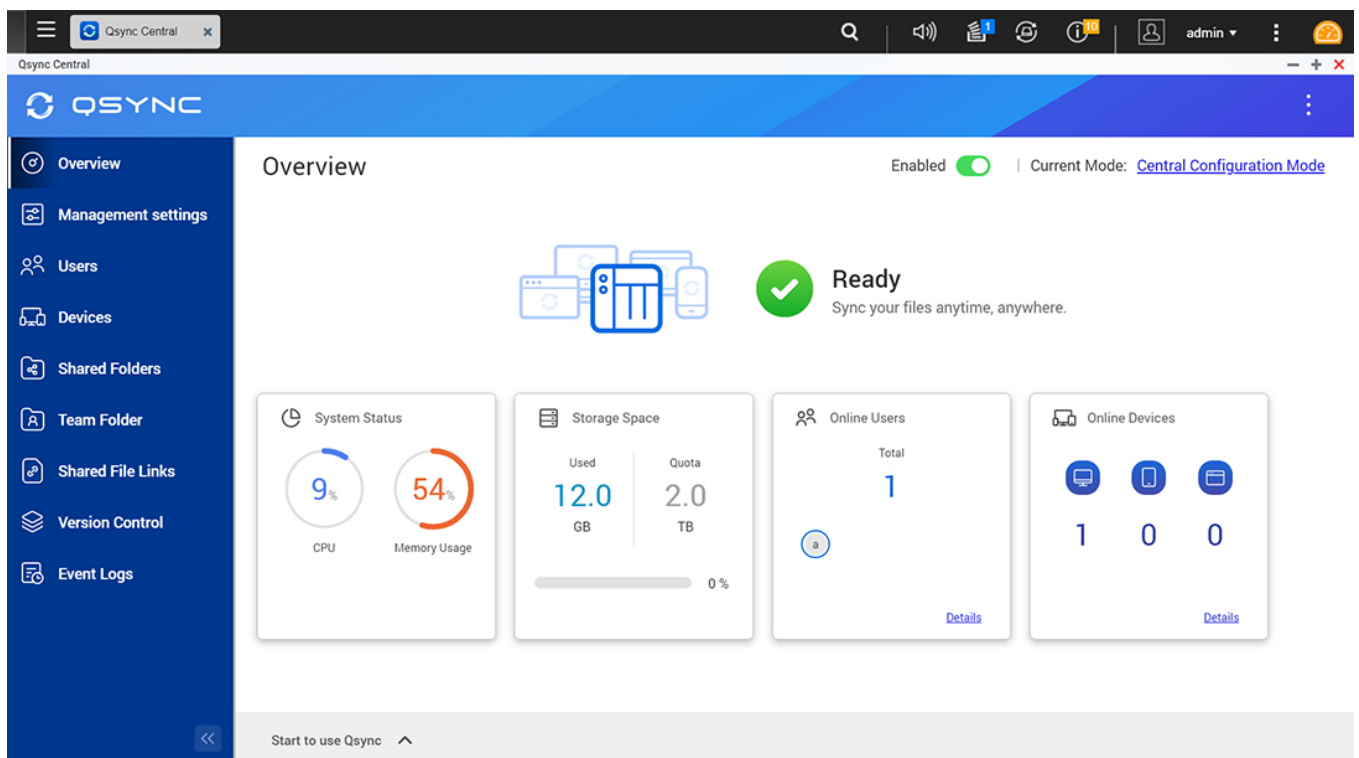
## **File Station**

Easily manage files stored in your TS-433 using the web-based File Station. The Qfile companion mobile app also puts all your files at your fingertips, providing a complete personal cloud service that is accessible from anywhere!



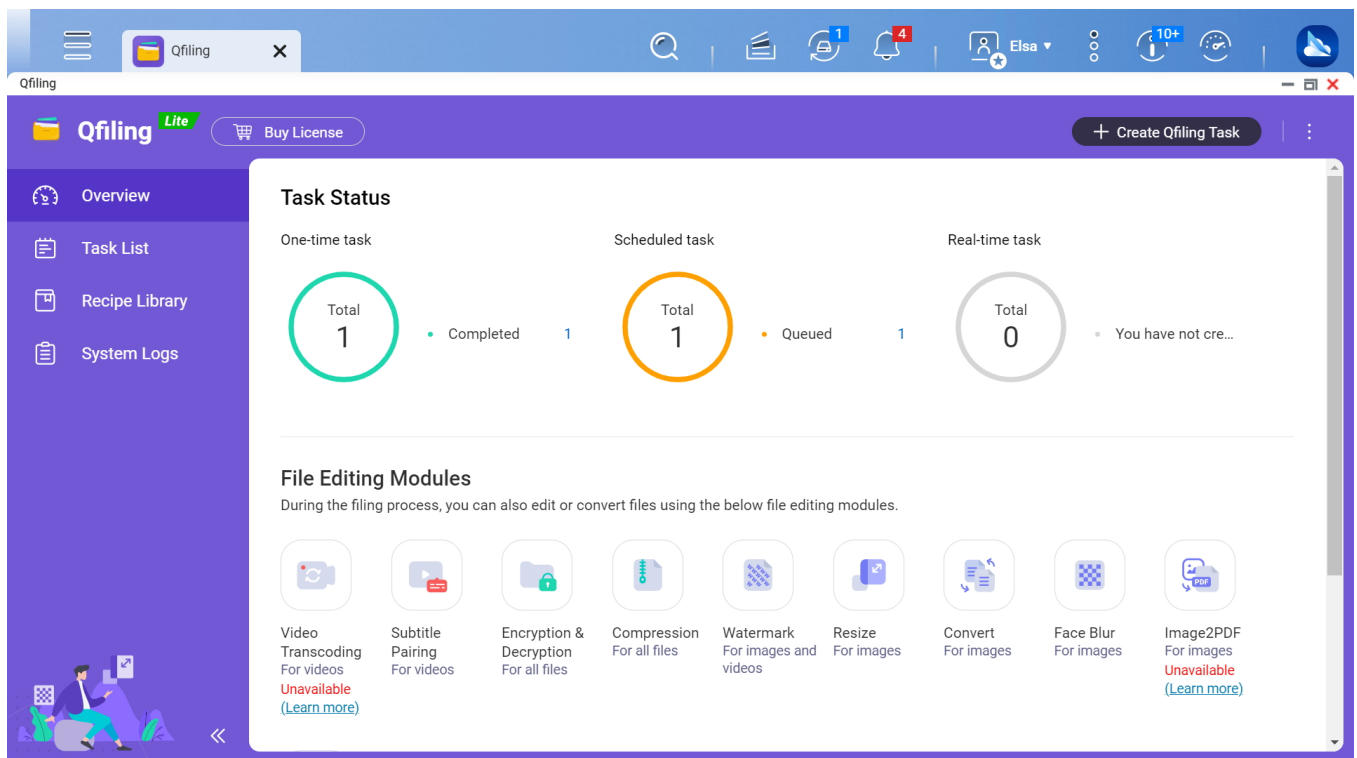
## Qsync

Qsync is a perfect replacement of Dropbox®, allowing you to synchronize files with computers and mobile devices belonging to your family, friends, colleagues, and clients.



## Qfiling

Save time organizing and archiving your files with Qfiling. Simply categorize your files, set a schedule, and Qfiling will automatically organize and archive them.



## Access your NAS from anywhere

The myQNAPcloud service enables quick and easy remote access to your TS-433, allowing you to be always connected without needing to configure complex network settings. With myQNAPcloud Link you are provided with a unique domain name for your TS-433, and will automatically connect using the best method based on your network environment.

## **Protect your data with higher security**

The TS-433 provides advanced privacy and security settings but is easy to set up and use. Besides IP blocking and HTTPS connectivity, there are more apps that help ensure an optimal level of NAS protection against threats like malware and hackers.

▪

### **Enable multi-factor authentication**

It is strongly recommended to enable secure login methods such as passwordless login and 2-Step Verification for adding an extra layer of data security.

▪

### **Advanced folder permissions**

Easily manage folder permissions, specifying read, read/write, and deny access of individual users to each folder and subfolder.

▪

### **QuFirewall protection**

Supports IPv6, firewall access lists, and GeoIP filtering to restrict access based on geographical locations for higher NAS network security.

▪

## Superior security with QVPN

A virtual private network (VPN) allows secure access to network resources and services across public networks. QVPN supports creating a VPN client, using the TS-433 as a VPN server, and WireGuard® VPN service with an easy-to-use interface for setting up a secure connection.

.

## Security Center

A security portal for the TS-433 to proactively detect NAS status, unusual file activity and potential security threats – offering instant protective measures against vulnerabilities to safeguard your system and data.

## Host container applications

If you are curious about Docker or are a hobbyist developer, Container Station on the TS-433 integrates Docker® lightweight virtualization technology, allowing you to run all kinds of self-contained applications. You can download apps from the built-in Docker Hub®, including popular and fully-configured applications, and deploy them with just one click. From smart homes to multimedia applications, you can explore your creativity and bring containerized applications to life.

Besides Container Station, more apps (including tools for backup/sync, content management, communications, download, and entertainment) are available from the App Center. Simply click and install on-demand to further extend the functionality of your TS-433.



## **Easily build a wallet-friendly home surveillance system!**

With the subscription-based QVR Elite smart surveillance solution you only pay for the channel licenses you need, allowing you to affordably safeguard your property. You can arrange a dedicated, independent storage space for surveillance data on the TS-433 and enjoy simplified camera management, storage space allocation, camera live viewing and playback. Recordings are saved as MP4 files for playback on nearly every device. You can also use USB webcams as network cameras with the QUSBCam2 app, and remotely monitor your surveillance feeds at any time with the QVR Pro Client companion mobile app.

### **Free embedded channels**

2 IP camera channels

### **Subscription-based**

Monthly US \$1.99 /channel

### **Mobile app**

QVR Pro Client and mobile app

## Video format

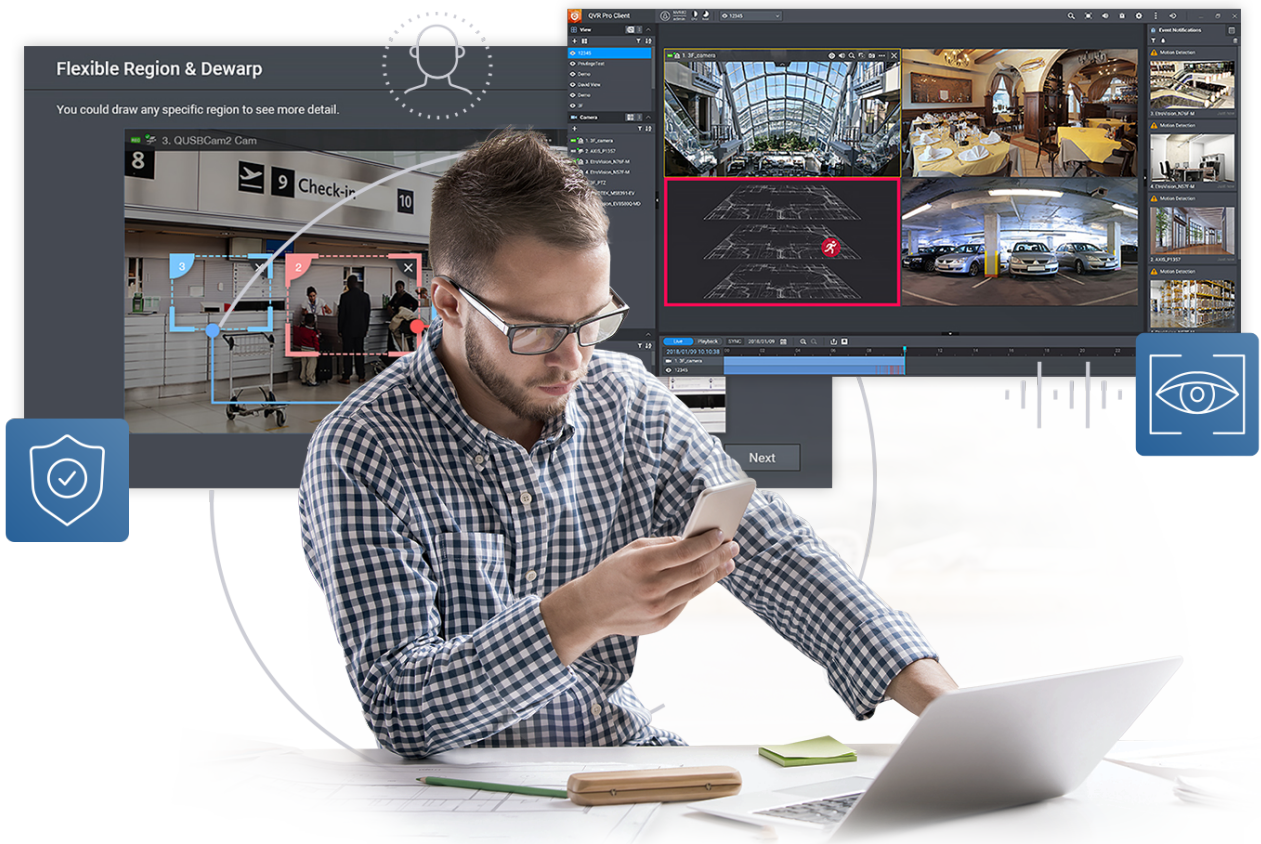
MP4

## Total camera channels

Scalable with optional licenses

## Scalable storage

NAS expansion units





## **Flexible and economical storage expansion**

QNAP provides easy and affordable solutions to expand your NAS storage capacity.

.

### **Attach QNAP expansion enclosures**

Connect expansion enclosures to the TS-433, and manage NAS storage expansion with the user-friendly Storage & Snapshots Manager app.

.

### **Mount cloud storage or remote file servers**

Mount cloud storage or remote file servers to expand the capacity of the TS-433 while also centrally managing files on the NAS, cloud storage, and remote devices.

..

### **Migrate to a new NAS**

Install your NAS hard drives into a larger QNAP NAS and retain all your existing data and configurations.

.

### **Upgrade RAID capacity**

Hot-swap lower-capacity drives with larger-capacity drives to expand your NAS capacity

so it can grow with your files and multimedia collections.

## More productivity-boosting applications

The TS-433 provides an App Center that includes feature-rich apps to expand your NAS potential!



### QmailAgent

The best email backup solution that allows you to easily backup/recover and manage multiple email accounts in their native format with strong security and data integrity.

### Qcontactz

Centrally manage all your contacts, import contacts from Google™, import/export contact information using CSV or vCard files, and enjoy an always-online database of contact information.



## Qmiix

An Integration Platform as a Service (iPaaS) solution that enables you to connect apps and devices with QNAP NAS for automating daily tasks for greater productivity.



## Notification Center

Consolidates all system events, alerts, and notifications for smooth and easy NAS management, keeping you always informed of your NAS status.

## Software Specs

Operating System	QTS 5.2.5
Supported Client Operating Systems	<ol style="list-style-type: none"><li>1. Apple Mac OS 10.10 or later</li><li>2. Ubuntu 14.04, CentOS 7, RHEL 6.6, SUSE 12 or later Linux</li><li>3. IBM AIX 7, Solaris 10 or later UNIX</li><li>4. Microsoft Windows 7, 8, 10 and 11</li><li>5. Microsoft Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019 and 2022</li></ol>
Supported Browsers	<ol style="list-style-type: none"><li>1. Apple Safari (latest version)</li><li>2. Google Chrome (latest version)</li><li>3. Microsoft Edge (latest version)</li><li>4. Mozilla Firefox (latest version)</li></ol>
Supported Languages	Chinese (Traditional & Simplified), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, and Turkish
Storage Pool	?
SED Storage Pool	?
Maximum Pool size	308 TB
Maximum number of storage pool	128
Volume Type	Thick, Thin, Static
Maximum volume size	250 TB
	Note: At least 4 GB RAM is required.
Maximum number of volume	128
Maximum shared folder size	250 TB
Maximum number of shared folder	512
JBOD Expansion	?
VJBOD / VJBOD Cloud	?
iSCSI Service	?
LUN Type	Thick, Thin
File-based iSCSI LUN	?
Block-based iSCSI LUN	?
Maximum LUN size	250 TB

Note: At least 4 GB RAM is required.

Maximum number of targets 128

LUN

LUN feature

1. LUN Mapping
2. LUN Masking
3. WWPN Aliases Import/Export
4. Multipath IO (MPIO)
5. Online LUN capacity expansion
6. LUN snapshot
7. LUN snapshot replication and clone

Auto Tiering

?

Requires minimum 2GB memory.

RAID Type

1. 8-bay (and more): JBOD, Single, RAID 0, 1, 5, 6, 10, 50, 60
2. 6-bay: JBOD, Single, RAID 0, 1, 5, 6, 10, 50
3. 4-bay: JBOD, Single, RAID 0, 1, 5, 6, 10
4. 2-bay: JBOD, Single, RAID 0, 1

RAID Group

?

To ensure data security, system stability, and storage performance, the maximum number of drives for a single RAID group is now 16 (applicable to RAID 5, RAID 6, RAID TP, and subgroups of RAID 50 and RAID 60).

Nevertheless, users can combine multiple RAID groups into a large storage pool that contains more than 16 drives, using RAID 50, RAID 60, or RAID 10 as the RAID configuration. This enhancement will only be applied to new RAID groups. All existing RAID groups and storage systems will not be affected.

RAID Level Migration

?

RAID Expansion (by adding Disk)

?

RAID Expansion (by replacing bigger Disks)

?

Storage Pool Expansion (by adding RAID Group)

?

RAID Hot Spare

Global, Local

RAID

?

## Sync/Rebuild/Scrubbing

Internal drive EXT4

External drive EXT3, EXT4, NTFS, FAT32, HFS+, and exFAT (optional for ARM model)

Note: To use exFat in certain models you must purchase an exFAT driver license from License Center.

Disk, Enclosure Locate ?

Disk S.M.A.R.T. Scan ?

Disk S.M.A.R.T. Data ?

## Migration

Ironwolf Health Management ?

Secure Erase ?

SSD Trim ?

SSD Life Estimation ?

Disk Roaming ?

Disk Standby ?

Volume Snapshot ?

LUN Snapshot ?

Maximum Snapshot (Per System) [Check maximum number of snapshots of your NAS](#)

Maximum Snapshot (Per Volume / LUN) [Check maximum number of snapshots of your NAS](#)

Minimum Snapshot Interval 5 minutes

Snapshot Retention Policy ?

Self-serve Snapshot Recovery ?

Application Consisted ?

## Snapshot

Snapshot Full Clone ?

Snapshot Replica / Vault ?

SSD profiling tool ?

External Device Management ?

Mount Smart Phone (MTP) ?

External RAID Device ?

(QNAP so on) Management (External Device Mode)

External RAID Device ?

(QNAP so on) Management (NAS Mode)

## File Server

1. File sharing across Windows, Mac, and Linux/UNIX

	2. Microsoft networking (CIFS/SMB)
	3. Apple networking (AFP)
	4. NFS version 3/4 services
FTP Server	1. QuFTP
	2. FTP, SFTP and TFTP protocols
	3. FTP over SSL/TLS (explicit FTPS)
	4. FXP support
Maximum FTP connection	1024
File Station (Web)	?
Object Storage	?
Local user account	4,096
Local group account	512
Domain user/group account	200,000
Domain Security	?
Domain Controller	?
Shared folder permission	?
Advanced folder permission	?, (AFP, CIFS/SMB, FTP, and File Station)
Windows ACL	?, (CIFS/SMB)
User quota	?
Group quota	?
Folder quota	?, (Snapshot shared folder)
Home folder	?
Resource Monitor	?
SNMP	V2, V3
Network recycle bin	1. Recover files deleted using AFP, CIFS/SMB, and File Station
	2. Automatic cleanup and file type filter
System Log & Notification Center	Log recording: 3,000 event per second
Smart Fan	?
Schedule on/off	?
Internet protocol	IPv4, IPv6
Virtual Switch	?
VLAN	?
DHCP Server	?
DDNS (Dynamic Domain Name Service)	?
Network access protection with auto-blocking	SSH, Telnet, HTTP(S), FTP, CIFS/SMB, and AFP
Security Counselor	?
Malware Remover	?
AES 256-bit Volume	?

Encryption validated by FIPS

140-2 CAVP

2-step verification ?

Allow/Deny List ?

Access Protection ?

Service binding ?

Firewall ?

vSphere Web Client Plug-in ?

VMware vSphere VAAI for iSCSI ?

VMware vSphere VAAI for NAS ?

Windows ODX ?

Windows/VMware Snapshot ?

Agent

HTTP/HTTPS Connections TLS 1.0/1.1/1.2/1.3

Supports WebDAV ?

Connection

Supports Virtual Hosts 32

Qsync ?

Note: At least 1 GB RAM is required.

[Qsync] Management Mode User customization, Central

[Qsync] Qsync client supported platforms Windows, macOS, Ubuntu, Android, and iOS

[Qsync] Maximum number of version control 64

HybridMount ?

Note: At least 1 GB RAM is required.

[HybridMount] File Cloud Gateway Concurrent Connections = 20 Upload & 20 Download

[HybridMount] Network Drive Mount ?

[HybridMount] Free cloud gateway sessions 2

HBS (Hybrid Backup Sync) ?

Note: At least 1 GB RAM is required.

[HBS (Hybrid Backup Sync)] ?

NAS to NAS backup

[HBS (Hybrid Backup Sync)] ?



Cloud Backup	
[HBS (Hybrid Backup Sync)]	?
Cloud Sync	
[HBS (Hybrid Backup Sync)]	?
2-way and Active Sync	
[HBS (Hybrid Backup Sync)]	?
Apple Time Machine Backup	
[HBS (Hybrid Backup Sync)]	?
External drive backup	
[HBS (Hybrid Backup Sync)]	400
Maximum number of backup job	
Boxafe	?
	Note: At least 4 GB RAM is required.
[Boxafe] Office 365 Backup	?
[Boxafe] Google Workspace Backup	?
[Boxafe] Full-text search	?
Qsirch	?
	Note: This feature is supported by all QNAP NAS devices with at least 2 GB of memory
[Qsirch] Previews	Photos, music, videos, PDFs, Gmail, and others
[Qsirch] Integrate Mac Finder	?
[Qsirch] Advanced picture search	?
[Qsirch] Search filters	?
QuMagie	?
	Note: At least 1 GB RAM is required.
[QuMagie] Browse photos	?
[QuMagie] Virtual and smart albums	?
[QuMagie] AI-assisted photo management	People, things, places, and others
Antivirus (free)	?
QVPN Service	?
	Note: At least 1 GB RAM is required.
[QVPN Service] Remote Access	PPTP, L2TP/IPSec, OpenVPN, WireGuard, QBelt (QNAP proprietary)

[QVPN Service] Supported utility and mobile app	Windows, macOS, iOS, and Android
[QVPN Service] Supported maximum clients	100
LDAP Server	?
RADIUS	?
SQL server	?
License Center	?
Multimedia Console	?
Photo Station	?
Music Station	?
Video Station	?
Download Station	?
Notes Station	?
Qfiling	?
Media Streaming add-on	?
QmailAgent	?
QuWAN	?
DA Driver Analyzer	?
Q'center	?

Note: The application is available in the App Center and in virtual appliance marketplaces (VMware vSphere ESXi and Microsoft Hyper-V).

Q'center Server	?
Q'center Agent	?
Connect to Q'center	?
Container Station	?

Note: At least 1 GB RAM is required.

[Container Station] Supported type	LXC/LXD and Docker
------------------------------------	--------------------

Note: LXD has been supported after Container Station 2.4

[Container Station] Docker Hub Registry	?
[Container Station] Container importing and exporting	?
[Container Station] Console mode	?
QVR Elite	?

Note: At least 1 GB RAM is required. The maximum number of channels supported varies by NAS model, network configuration, and camera settings. For more information, visit <https://www.qnap.com/go/qvr-nas-selector>.

[QVR Elite] Recording Technique	Standard MP4 file based
[QVR Elite] License Type	Subscription-based
[QVR Elite] User-defined trigger events	?
[QVR Elite] QVR Pro Client (Desktop)	Windows, macOS, and QNAP HybridDesk Station
[QVR Elite] QVR Pro Client (Mobile)	Android and iOS
[QVR Elite] Recording camera streams	H.264
[QVR Elite] Free built-in camera channels	2
QVR Pro Client	?
[QVR Pro Client] Dynamic View Layout	?
[QVR Pro Client] Windows	?
[QVR Pro Client] Mac	?
[QVR Pro Client] HybridDesktop	?
[QVR Pro Client] iOS	?
[QVR Pro Client] Android	?

## Specification

NAS	
CPU Model	ARM 4-core Cortex-A55 2.0GHz processor
CPU Architecture	64-bit ARM
Hardware Encryption Engine	?
Memory	4 GB on board (non-expandable) Note: Reserves some RAM for use as shared graphics memory.
Drive Bays	4
Compatible Drive Type	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot Swappable Drive	?
USB 3.2 Gen 1 Port	1
System Fan	1 x 120mm, 12VDC

Power Supply Unit / Adapter	Minimum 65W adapter (12VDC), 100-240VAC
Maximum Memory Capacity	4 GB on board (non-expandable)
Form Factor (RU)	Tower
Graphic Processors	Mali-G52
Floating Point Unit	?
Hardware-accelerated Transcoding	?
Flash Memory	4 GB (Dual boot OS protection)
Wake on LAN (WOL)	?
Jumbo Frame	?
LED Indicators	System Status, LAN, USB, HDD1~4
Buttons	Power, Reset, USB Copy
Operating Temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Consumption: Disk Standby Mode	8.45
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	200
Kensington Security Slot	?

## Product Gallery



