

QNAP TS-433 NAS Tower ARM Cortex-A55 4 GB 0 TB QNAP QTS White

Model: TS-433-4G

Manufacturer: QNAP

Product Code: 8586

R11,885 ~~R12,690~~

TS-433

Build a personal private cloud & home multimedia center with a built-in NPU to boost AI-powered face recognition

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.

Minimalist design

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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.

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.

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

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

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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 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 all your favorite 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.

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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.

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

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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

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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.

2-step verification

When activated, anyone who logs in to the TS-433 must enter a one-time verification code after their username and password.

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 Counselor

A security portal for the TS-433 to check for weaknesses and offer recommendations for enhancing NAS security. It also integrates anti-virus and anti-malware scanning software.

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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.

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.

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