QNAP TS-462-4G NAS/storage server Tower Intel® Celeron® N4505 4 GB DDR4 0 TB QNAP QTS White

Model: TS-462-4G

Manufacturer: QNAP

Product Code: 13550

R14,231 ~~R14,990~~

TS-462

Intel Dual-Core 2.5GbE Multimedia NAS with M.2 PCIe slots and PCIe expandability

A fast and vast private cloud storage with a range of multimedia and file management applications, the TS-462 is ideal for home users to maximize their digital lifestyle. Files, data and multimedia saved on the TS-462 can be accessed from all your connected devices, including phones, computers and smart TVs. A 2.5GbE port and HDMI 2.0 port come as standard, allowing you to enjoy lag-free multimedia streaming throughout your home and directly on your TV. The TS-462 can be geared up to fit future needs, supporting two M.2 PCIe slots for Qtier auto-tiering storage technology, and can

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be easily expanded to fit growing data needs. The TS-462 also supports Edge TPU, allowing you to easily organize your photos based on facial and object recognition with the QuMagie app.

Upgrade your home network to 2.5GbE

Wi-Fi 6 and 5G are becoming the new normal for networking, and there’s no reason why your home wired network shouldn’t also get a boost. The TS-462 comes with single 2.5GbE RJ45 LAN port which supports existing CAT5e cables. If your computers don’t have 2.5GbE ports, you can use QNAP’s USB 3.2 Gen 1 to 5GbE adapter (model name QNA-UC5G1T) to take advantage of the huge speed increase that 2.5GbE provides over standard Gigabit Ethernet. QNAP also provide affordable 2.5GbE switches and other adapters for you to take full advantage of the TS-462’s 2.5GbE connectivity.

Intel dual-core processor burst up to 2.9 GHz

The TS-462 is powered by an Intel® Celeron® N4505 dual-core processor (burst up to 2.9 GHz), and supports SATA 6 Gb/s drives. The Intel® AES-NI encryption engine boosts encryption performance while also maintaining the security of your NAS data. You can flexibly install NVMe SSDs in the M.2 PCIe slots for cache acceleration to maximize network and storage performance for data-intensive applications or enable Qtier for auto-tiered storage for higher storage efficiency.

Accelerate AI-powered image recognition and caching with TPU and PCIe expansion

The TS-462 has two M.2 PCIe Gen3 slots, enabling SSD caching or SSD storage pools for improved performance, or Edge TPU for AI image recognition.

Install M.2 NVMe SSDs for cache acceleration or efficient tiered storage

The TS-462 supports SSD caching and features two M.2 slots that support M.2 PCIe NVMe SSDs1 with 2280 form factors (sold separately) for boosting overall NAS performance. Qtier™ technology can also be used to empower the TS-462 with auto tiering that helps continuously optimize storage efficiency across all installed storage devices.

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Accelerate AI-powered image recognition with TPU

By leveraging a Google Edge TPU to QNAP AI Core (the AI-powered engine for image recognition), the TS-462 can perform high-speed face and object recognition. Google Edge TPU enables QuMagie to quickly process thousands of photos with high-speed AI Image recognition and classification, and QVR Face to analyze real-time video for instant facial recognition.

SSD caching and auto-tiering enable 24/7 optimized storage efficiency

While SSD prices continue to fall, and SSD capacity and performance continue to increase, organizations can easily take advantage of SSD strengths. The TS-462 supports numerous SSD-aware features that significantly maximize NAS performance with high cost-effectiveness.

Direct 4K HDMI output for multimedia

The TS-462 supports hardware decoding and real-time transcoding*. The HDMI 2.0 output supports up to 4K (3840 x 2160p) @60Hz, allowing you to directly enjoy high-res videos on a TV or monitor.

Faster image identification with integrated Intel® OpenVINO™ AI engine.
With integrated Intel® OpenVINO™ AI computing resources, the TS-462 accelerates AI image recognition performance without impacting other applications or services. QNAP AI Core primarily works with the QuMagie application.

Abundant I/O capabilities with PCIe expansion

The TS-462 has a PCIe Gen3 x2 slot that allows for installing a expansion card to expand the TS-462‘s potential.

QTS 5. Fast, smooth, and easy-to-use!

The TS-462 supports the cutting-edge QTS 5, which builds upon its solid foundations with a smoother user interface and much more!

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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.

Centrally store and protect your huge multimedia collection

The TS-462 is your private personal cloud for your movies, videos, photos, and files that are securely at your fingertips anywhere and anytime.

RAID protection

RAID redundancy protects data against hard drive failure. By dedicating some drives to redundancy, if a drive fails you can simply replace it with a new drive and avoid data loss.

Storage for massive photos

The AI-powered QuMagie with intelligent face and object recognition brings you the ultimate photo management and sharing solution. Includes timeline scrolling, customizable folder covers, iOS® Live Photo display, a powerful search tool, and more.

10x faster image recognition with Edge TPU1

Affordably leverage the Edge TPU to empower QuMagie for quickly processing thousands of photos with high-speed AI Image recognition and classification.

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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.

Stream all your media to every device in the house

The TS-462 is a complete multimedia center, allowing fast and easy streaming for photos, music and video to TVs, computers and mobile devices.

Connect to a TV or Monitor with HDMI

With HDMI output, the TS-462 allows you to directly enjoy multimedia content, use web browsers, manage your NAS, or watch recorded surveillance footage or live feeds on your NAS.

HybridDesk Station

Your TS-462 not only provides storage for your multimedia, but it can also be used as a Home Theater PC! Connect the TS-462 to an TV or A/V Receiver with HDMI, install HybridDesk Station, and easily watch movies or play music using the QNAP remote control (sold separately) or the Qremote mobile app.

Use your NAS as a PC

Simply connect a keyboard, mouse, and HDMI display to the TS-462 to use it as a PC - directly accessing your NAS files and services, and browsing the Internet with Google Chrome™ and Firefox® are just that easy.

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Monitor surveillance videos

Use the QVR Pro Client on HybridDesk Station to monitor live views and play recorded footage. You can also switch between different channels to view from different angles for greater coverage.

Ultimate visual experience with 4K HDMI output

The TS-462 has an HDMI 2.0 port which supports 4K (3840 x 2160) 60Hz output.

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

The TS-462 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-462. 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-462 as soon as they are taken.

Back up Google Drive™

Hybrid Backup Sync can safely back up files and data from Google Drive™ to the TS-462, 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.

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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-462 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-462. 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.

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-462’s shared folders as network drives on your computers, making accessing NAS files easy and intuitive. The TS-462 helps you save time while being more efficient and productive.

Access your NAS from anywhere

The myQNAPcloud service enables quick and easy remote access to your TS-462, 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-462, and will automatically connect using the best method based on your network environment.

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-462 and enjoy simplified camera management, storage space allocation, camera live viewing and playback. Recordings are saved as

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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.

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-462, 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-462 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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