# QNAP TS-432X-4G NAS/storage server Tower Alpine Alpine AL-524 4 GB DDR4 QNAP QTS Black

Model: TS-432X-4G

Manufacturer: QNAP

EAN: 4711103085202

Product Code: 20046

## R16,927

Unlock the potential of 4-bay storage capacity and harness the speed of 10GbE with the TS-432X! This versatile storage solution offers secure backup, rapid transmission, support for container applications, and much more. Cost-effective yet powerful, the TS-432X streamlines workflow efficiency without exceeding your budget.

**Quad-core for multitasking**

Quad-core 2.0GHz processor and 4 GB non-ECC RAM (expandable to 16 GB, supports ECC RAM)

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## High-speed 10GbE SFP+

Single-port 10GbE connectivity enhances transfer speed for intensive data transmission and shortens backup time.

## 2.5GbE is a must!

Leverage SMB Multichannel or Port Trunking with built-in dual 2.5GbE ports to increase bandwidth and access speed.

## PCIe Gen 3 expandability

Install a PCIe expansion card to add 2.5/5/10GbE connectivity or M.2 SSD slots to the NAS for more I/O potential.

## Faster USB transfer and backup

Two USB 3.2 Gen 1 (5Gbps) ports with One Touch Copy support allow faster backup to/from USB devices.

## Centralized backup and snapshot protection

Easily back up different types of data and endpoints and create snapshots regularly to prevent ransomware threats.

**TS-432X-4G**

AnnapurnaLabs, an Amazon company Alpine AL524, 4-core, 2.0GHz, 4 GB SODIMM DDR4 (1 x 4 GB)

## High-performance yet energy-efficient quad-core processor

The TS-432X adopts a quad-core processor with built-in 4 GB of memory, offering excellent read/write performance at low power consumption, making it reliable for hosting versatile NAS applications in office.

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## Enhance seamless workflows with 10GbE network

Create a flexible, high-speed network environment to optimize team collaboration.

1. Quick direct access for individuals Utilize the TS-432X's built-in 2.5GbE and 10GbE ports to achieve faster LAN speeds.
2. Efficient collaboration with multiple users: Implement the TS-432X with expansion cards and QNAP 10GbE SFP+ switches to connect more devices.

## Multiply bandwidth for streamlined tasks

By using the built-in network ports or installing an expansion card, you can maximize the network bandwidth of the TS-432X by aggregating two or more same-speed network ports. Choose from the following options according to your needs:

## SMB Multichannel

Suited for small/home office users. Fulfill multiplied available bandwidth between NAS and directly-connected clients to accelerate file transfer speed.

Port Trunking
Recommended for midsized to large businesses where IT infrastructure involves network switches and multiple end-users.

## Abundant I/O capabilities with PCIe expansion

The TS-432X features a PCIe Gen 3 x 4 slot, supporting a variety of expansion cards to maximize application versatility.

**Store, backup and video surveillance.**

**We enable ALL.**

## Smart storage

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QNAP’s exclusive apps provide easy-to-use file storage and collaboration tools. Snapshots also help protect important data from Ransomware.

## Simple Backup

Superior hardware performance with an all-in-one Backup Solution to speed up backup/recovery tasks.

## Video Surveillance

Turn the TS-432X into a professional, all-in-one Surveillance NAS, which is compatible with over 8,000 IP cameras and ONVIF-compatible cameras.

## Host container applications

If you are curious about Docker or are a hobbyist developer, Container Station on the TS-432X 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-432X.

## Enhanced cybersecurity and data protection

The TS-432X is loaded with comprehensive privilege settings and protection measures to block malicious attackers and ensure that data in the NAS are secure.

## Drive health check & failure prediction

The DA Drive Analyzer leverages ULINK cloud-based AI to predict the expected lifespan of drives, assisting you in planning future drive replacements to protect against NAS downtime and data loss.

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**Less packaging. More sustainability.**

The TS-432X come in a lighter protective package, ensuring their safety while reducing waste.

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