



QNAP TS-431K NAS/storage server Tower Annapurna Labs Alpine AL-214 1 GB DDR3 0 TB QNAP Turbo System White

Model: TS-431K

Manufacturer: QNAP

Product Code: 13102

R8,090 ~~R8,269~~

Powered by quad-core 1.7 GHz processor, the TS-431K provides 4 drive bays storage space to securely store your important files and data, while allowing you to easily share files with family and friends. Featuring a compact pure white minimalist design, the TS-431K can easily integrate with any home décor and takes up very little space.

Quad-core CPU drives higher performance

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The TS-431K is powered by a quad-core 1.7 GHz CPU that features more CPU cores to enhance system performance. With 1 GB RAM, two Gigabit LAN ports, and SATA 6 Gb/s drives, the TS-431K delivers high performance, while also maintaining data security. The TS-431K also features three USB 3.2 Gen 1 ports, allowing you to transfer large media files between the NAS and your devices. The USB port on the front panel supports one touch copy, making it convenient for you to backup data on your external device to a NAS or vice versa with just one click.

Easily Create a High-speed Network Environment

You can use QNAP USB 3.2 Gen 1 on 5GbE adapters (QNA-UC5G1T) with the TS-431K or your computer. By connecting the NAS and PC through the 5GbE adapters, you can create a 5GbE network connectivity for nearly 300 MB/s transfer speed.

Boost productivity with QNAP applications

QNAP File Station provides centralized file management, allowing you to view and manage files on your TS-431K and other storage sources or external devices, which allows you to easily share files with family and friends through email, social media, or share link. You can also use Qfile mobile app to access NAS files from a mobile device.

File Station

File Station allows you manage files stored on your QNAP NAS in your cloud space, or from USB card reader and mobile devices. You can easily access all your data from a single application.

Qfile

Qfile mobile app allows you to access NAS files from a mobile device anytime anywhere, while uploading and backing up files on your phone to a NAS.

Protects your sensitive data with file encryption

When sharing sensitive or confidential files on your TS-431K, you can enhance data security with File Station by encrypting files into .qenc files and set a password. The file recipients need to download

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and install QENC Decrypter on their computers and enter the correct password to decrypt, view, and use encrypted .qenc files.

Protect data against malware with Snapshots

Snapshots help protect your data by fully recording the NAS system status and metadata. If a file is accidentally deleted or modified, you can use snapshots from the Storage & Snapshots Manager or the File Station to quickly restore files to its previously-recorded state. QNAP snapshots are block-based and only record changed data. Not only does this save storage space, but it also reduces time required to back up and restore data. The TS-431K supports up to 16 snapshots per volume/LUN, and up to 32 snapshots in total.

Multi-point file backup, access, and sync

HBS (Hybrid Backup Sync) consolidates data backup, recovery, and synchronization, allowing you to easily backup or sync data to another QNAP NAS, and remote server or cloud storage (e.g. Dropbox or Google Drive) to build a reliable disaster recovery solution. Qsync turns the TS-431K into a secure, high-capacity data center for file synchronization. Any file uploaded to the TS-431K will be made available for all linked devices, such as computers, laptops, and mobile devices. You can also sync shared folders or create team folders to enhance team collaboration.

Windows/ Mac computer file backup

QNAP NAS provides a simple solution for backing up/restoring laptops and desktops. You can use QNAP NetBak Replicator to backup files on Windows computers, including Outlook® Email archive. The NAS also supports Time Machine on Mac devices, enabling easy, fast, and convenient data backup.

Greater multimedia enjoyment

The TS-431K comes with a wide range of media applications, including Photo Station, Video Station and Music Station, allowing you to easily manage and view your media files. You can also download Plex Media Server to turn your TS-431K into a multimedia server.

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Photo Station

Features intuitive interface for you to arrange your photos by drag and drop. You can set access permission and can easily share photos to social media. By installing Qfile or Qphoto mobile apps on your mobile device, you can quickly upload your phone photos to TS-431K.

Video Station

A management tool for you to easily manage the videos on the TS-431K according to different categories from a single interface. You can stream videos through DLNA®, Apple TV (via Qmedia) and Chromecast™* to different devices.

Music Station

Allows you to organize all your song collections by category, and automatically retrieves album covers, making it easy for you to customize playlists and play songs anytime and anywhere from the web-based interface. Music Station also provides Internet radio service for you to listen to any global Internet radio program.

Plex Media Server

Install Plex Media Server on the TS-431K and stream media files on your NAS to Roku®, Apple TV (via Qmedia), Google Chromecast™, Amazon Fire TV® for you to enjoy files on your mobile phones, tablets, DLNA® devices or on a TV.

Easy Photo Management with QuMagie-Enabled AI

Automated Photo Categorization

QuMagie brings you a brand-new photo management experience. By integrating an AI deep-learning algorithm, QuMagie enables facial recognition, object identification, and geography tagging of photos on your NAS. Similar photos are grouped together in the AI Albums (i.e., People, Things, and Places). Other useful features include a built-in timeline scroll, customizable folder covers, and a powerful search tool, providing you with the ultimate photo management and sharing solution.

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Comprehensive surveillance solution for 24/7 security

Surveillance Station features a user-friendly interface, supports over 3,000 compatible IP cameras, and provides expandable IP camera channel licenses, allowing you to build a comprehensive surveillance system for real-time monitoring, video and audio recording and playback. You can use the Vmobile app on your mobile devices to manage the monitored channels anytime and anywhere. You can also use QUSBCam2 App to add USB cameras into the Surveillance Station to view real-time images, store recordings for playback, allowing you to build a surveillance system on minimum budget.

Flexible and economical storage expansion

QNAP provides easy storage capacity expansion solutions. Here are several ways to expand your TS-431K storage as needed to accommodate data and business growth:

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