ComX Computers
Product Specification Sheet

TS-470PRO

QNAP TS-470PRO 4-Bay SATA TurboNAS



Specifications

Overview:

4-bay home & SOHO NAS for personal cloud and multimedia experience

- Centralized management for data and file backup
- 5.1 channel surround sound support with HD Station via HDMI
- File synchronization across computers, tablets and smart phones
- Archive, manage, enjoy and share photo, music and video collections
- 24/7 home and SOHO surveillance center

Features:

High performance nas as a multimedia hub
The ts-470 pro, featuring advanced qts 4.0 operating system, performs as an easy-to-use yet powerful nas for data backup, file synchronization, remote access and home entertainment. The ts-470 pro has an excellent hardware design with a powerful dual-core 3.3 ghz processor that facilitates high definition media transcoding and the 5.1 channel surround sound with the hd station via hdmi connection. Building a high-quality home theater is absolutely easy with the ts-470 pro.

Qts 4.0 - simple and efficient
Thanks to qts 4.0's intuitive user interface, system operations of the ts-470 pro are smooth and handy. Its intelligent desktop allows you to find the desired functions quickly, create desktop shortcuts or group shortcuts, monitor important system information on a real-time basis, and open multiple application windows to run multiple tasks concurrently, bringing greater operating efficiency.

Dual-core 3.3 ghz processor delivering high performance
Equipped with powerful dual-core intel core i3 3.3 ghz processor and 2gb ddr3 ram, the ts-470 pro is designed as a home nas with high quality hardware to provide the performance to deliver extremely smooth media transcoding capabilities. You can also use the ts-470 pro as a home multimedia hub to fully enjoy your photo, music and videos.

Test environment:
Pc: intel(r) core(tm) i7-2600 cpu, 16gb ddr3 ram, windows 7 professional 64-bit, dual-port intel x520-sr2 10gbe server adapter, iometer sequential read and write.

Nas: intel 510 ssds, intel x-520-da2 + 802.3ad trunking mode, raid 5.

5.1 channel surround sound support with hd station via hdmi
Qnap hd station integrates the powerful xbmc v12 media player and web browser. With hdmi connectivity, you can connect the ts-470 pro to a hdtv to enjoy all your rich multimedia content on the big screen. The splendid user interface and the support for 5.1 channel surround sound audio passthrough*, coupled with the powerful media transcoding capability of the ts-470 pro, brings smooth playback of full hd videos providing a quality home theater experience**. You can also turn your mobile devices into remote controls by installing the qremote app or use mce remote controls via the built-in ir receiver of the ts-470 pro.

Supports dlna and airplay for media streaming
You can use dlna compatible devices, such as hdtvs, sony ps3, and microsoft xbox 360 to stream photos, videos and music stored on the ts-470 pro. The qfile mobile app on an ios device allows you to browse videos and photos stored on the ts-470 pro and play on a tv via airplay-enabled devices such as apple tv. You can also install qairplay app, available in the app center, on the ts-470 pro to steam your media contents directly on apple tv, bypassing your mobile device thus saving the energy of your mobile device. Furthermore, the ts-470 pro can be used as a to stream your content to any smart tv or plex clients, such as smartphones and tablets.

Photo albums on the cloud
The ts-470 pro acts as your photo vault for you to back up your favorite photos. The photo station makes photo sharing simple, and you can designate your own access right controls. Simply upload your photos to the ts-470 pro to create and organize your photo albums through a web browser, and share with your family and friends through social networking sites such as facebook, google+, twitter and pinterest. Your mobile devices are useful too, with the qfile mobile app in your ios or android devices you can instantly upload photos to the ts-470 pro.

Build your home music library and enjoy music anywhere
The music station helps categorize your music collection, and displays album covers to easily organize your personal playlists. Through the music station web player, you can enjoy your music anytime, anywhere with a few clicks. Thousands of local and global online internet radio programs are also built-into the music station for you to enjoy.

- You can listen to your favorite mp3 songs streamed from, or play music by web browsers on your pc.
- With lms(logitech media server) app plugin, you can efficiently manage and play them with logitech music players without even turning on the pc.
- Stream music to your upnp hi-fi system and indulge in high-quality sound experience.
- Listen to your music on mobile devices through qmusic app.

24/7 download center
The ts-470 pro is a perfect download center for high speed bt, magnet, pt (private trackers), emule, ftp, and http downloads. After the download tasks are set ready, you can turn off the computer, and the ts-470 pro will download as many hd videos as you want. With the qget utility you can manage your download tasks on multiple nas devices remotely on the local network or the internet.

Dropbox-like file synchronization across computers and mobile devices
With qsync, your ts-470 pro is turned into a safe data center for file synchronization. Any file uploaded to the ts-470 pro will be made available for all linked devices, such as computers, laptops and mobile devices. Qsync is especially useful for frequent travelers in managing files and ensuring that different devices have the most up-to-date files. Qsync provides multiple ways of file synchronization and group file sharing, greatly enhancing the flexibility of team projects and collaboration.

Well-rounded backup solutions to secure data
Qnap netbak replicator supports real-time and scheduled data backup on windows including outlook email archiving. The usb port on the front panel of the ts-470 pro features a one-touch-copy function for you to instantly back up data on external drives to the ts-470 pro with just one click, or back up data on the ts-470 pro to the external drives alternatively. Apple time machine is also supported to provide mac os x users with an effortless solution to back up data to the ts-470 pro. A wide range of third-party backup software such as acronis true image and symantec backup exec are also supported.

Access, use, sync and enjoy with your tablets and smartphones
The ts-470 pro is your private cloud storage that virtually enlarges the capacity of your smart mobile devices. Qfile allows you to access, upload, download, manage, and share stored files easily as if you are carrying tons of files in your pocket. Besides, qfile mobile app on an ios device allows users to browse videos and photos stored on the ts-470 pro and play on the tv via apple tv. Qmanager lets you monitor and manage the ts-470 pro remotely and efficiently without turning on a pc, while qmusic allows you to listen to rich music collections on the ts-470 pro anytime and anywhere, and download to enjoy offline.

Comprehensive surveillance solution providing 24/7 security
The ts-470 pro surveillance station pro offers a professional surveillance solution with the user-friendly nvr (network video recorder) management interface, a wide range of over 1,200 compatible ip camera models, and expandable ip camera channel licenses. It supports real-time monitoring, video and audio recording and playback with a wide range of customizable settings. You can also install the vmobile app on your ios or android devices to manage the monitoring of cameras anytime, anywhere, for total surveillance of your monitored environment.

Install-on-demand apps to extend nas functionality
The ts-470 pro has a built-in app center that provides various install-on-demand apps developed by qnap and third-party developers, including tools for backup/sync, business, content management, communications, download, entertainment, and much more. It is also a centralized location for managing & updating installed apps. In addition, qnap's development platform embraces the open-source spirit to enable developers to create their own apps, adding potentially limitless opportunities for the ts-470 pro.

Storage for comprehensive virtualization applications
The ts-470 pro is vmware ready, citrix ready, compatible with microsoft hyper-v certification and windows server 2012, enabling flexible deployment and management for virtualization needs. The ts-470 pro supports vmware vaai and microsoft odx to increase performance by offloading esxi server loading, and supports qnap vsphere client plug-in and qnap smi-s provider to provide enhanced operational efficiency in managing virtualization applications.

Flexible 10gbe network expansion
The 10gbe-reay ts-470 pro includes two inbuilt gigabit ethernet ports, which can be expanded with additional two gigabit ethernet ports or two 10 gigabit ethernet ports, and delivers lightening data throughput. Coupled with the support for large storage capacity, the ts-470 pro is perfect for data centers to storage big data and excel in fast data transmission, and for editing large size videos on-the-fly without transferring the videos between the ts-470 pro and desktop computers.

Nas management can be just that easy.
The ts-470 pro provides comprehensive system tools to increase management efficiency.
Snmp (simple network management protocol)
With the smtp and sms settings on the turbo nas, system administrators will get notifications from sms or emails when any error occurs.

After activate snmp, you can collect system information, alerts and error messages on the turbo nas. All the information can be transfer to up to 3 snmp servers to achieve real-time and central management.Administrators can turn on the turbo nas within lan. It saves more energy and improve security.Administrators can flexibly set up the time of turning on/off for the turbo nas, maximum 15 sets of schedules are allowed for turning on, off, or rebooting.

The turbo nas supports hdd s.M.A.R.T. (self-monitoring analysis and reporting technology) which monitors the hard drive status, and sends out alert notifications through email for administrators to take precautions. Moreover, the hhd health scanning technology can examine the hard drive status and prevent possible data loss.The turbo nas supports syslog server that collects logs from various connected devices over the internet and saves the data, enabling centralized log management with greater efficiency.

Additional features for home offices
The ts-470 pro supports various business applications as an all-in-one turbo nas with cost-efficiency.

The turbo nas supports ftp server to share large size files, coming with user-defined settings including bandwidth limitation, number of connections, and write-only permission.The turbo nas supports web server which allows numerous websites built on the same server conveniently. Administrators can manage up to 32 websites on the single one turbo nas with reduced it cost.

The turbo nas supports radius server which provides centralized authorization management for computers to connect and use a network service.The turbo nas supports vpn server which provides an easy way for it administrators to build up a secure private network and allows the staff to log on from outside the office and access business resources securely such as files and internet connections.

The turbo nas supports printer server to send remote printing request over the internet (max. 3 usb printers), and supports ipp (internet printing protocol), samba, print job management and bonjour printing for mac os x.

The turbo nas supports surveillance station to connect and manage multiple ip cameras remotely, including real-time monitoring, video recording, playback, and event notification.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/TS-470PRO-QNAP-TS-470PRO-4-Bay-SATA-TurboNAS-p-90519.php

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