# TS-419PII

QNAP TS-419PII 4 Bay NAS (Network Attached Storage)

## Product Overview

QNAP TS-419PII 4 Bay NAS (Network Attached Storage), Marvell 2.0GHz CPU, 512MB DDR3, Cross-platform Data Sharing Center, Complete Backup Solutions, Revolutionary Home Video, Music & Photo Center, Personal/Private Cloud Storage, QMobile App for On-the-go Contents Access, Superior Performance with 2.0 GHz CPU, Energy-efficient & Eco-friendly.




## Specifications

**Overview:**

- Featuring versatile applications for data storing, sharing, and backup, paired with top-notch hardware specifications among the same class products, the TS-419P II provides an extraordinary solution for home and SOHO environments.
- The TS-419P II delivers outstanding performance at over 109 MB/s download speed and 75 MB/s upload speed with RAID 5 configuration under Windows network setup. Its cross-platform support provides a seamless file sharing solution for Windows, Mac, and Linux/UNIX users.
- To respond to the growing needs of data protection, the TS-419P II provides local backup, remote backup, and cloud backup alternatives for safeguarding important data with an additional copy. In addition to providing efficient data sharing and backup, the capability of streaming videos, music, and photos to a variety of home devices, such as UPnP TV sets, hi-fi audio sets, Sony PS3, and Microsoft XBOX360, makes the TS-419P II a fun digital home center.
- The intuitive MyCloudNAS service simplifies the process of publishing contents in the TS-419P II over the Internet and helps create a personal cloud in just few steps. When on the go, the mobile app QMobile provides users who own an iOS or Android mobile device with a handy way to access the TS-419P II instantly.

**Features:**

**Cross-platform Sharing with Antivirus**
The TS-419P II supports SMB/CIFS with folder aggregation, NFS and AFP protocols for file sharing across Windows, Mac, Linux/UNIX networks. User accounts and shared folders can be created via the user-friendly web-based interface without IT expertise. The antivirus feature ensures business continuity by offering manual and scheduled virus scan against the latest viruses, malware, worms, and Trojan horses.

**Windows Active Directory and LDAP Directory Service**
The TS-419P II can be easily joined to a Windows Active Directory or LDAP Directory Service for efficient user account management. The domain users can use the same user account and password to connect to the TS-419P II on the local network.

**Secure FTP**
The TS-419P II offers secure data transfer with SSL/TLS (explicit) encryption. Passive FTP port range setup is also supported.

**Shared folder management**
The administrator can select to hide or show the network shared folders of the TS-419P II on Windows network.

**User permission management**
The administrator can set password, authorized shared folders, and quota for each user account.

**Policy-based unauthorized IP blocking**
The administrator can allow, deny or auto block specified IP addresses or network domains attempting to connect to the TS-419P II via SSH, Telnet, HTTP(S), FTP, Samba, or AFP.

**Remote login**
The TS-419P II supports remote login via SSH or Telnet.

**Comprehensive log system**
The TS-419P II records detailed file access logs when users access the server via Samba, iSCSI, FTP, AFP, HTTP, HTTPS, Telnet, SSH, and networking services accessed by online users.

**Revolutionary Home Video, Music & Photo Center**
The TS-419P II is an ideal solution for easily storing large amount of multimedia files, including videos, music, and photos, and then sharing them within the home network with various network media devices.

**Home Photo Center**
The TS-419P II provides an easy way for photo backup, archiving, and sharing. Simply upload photos to the TS-419P II, and beautiful albums are automatically created. The albums are available for a web browser or UPnP-compatible players. Browsing the photos on widescreen TV with your family or share the photos over the Internet has never been easier.

**Home Music Center**
The TS-419P II provides various ways for enjoying the music stored on it. Simply upload music to the TS-419P II, and it's ready to go.

**Home Movie/Video Center**
The TS-419P II provides proficient capability for storing high-definition videos, movies, and ripped Blu-ray DVDs, and then stream to a TV directly or via Sony PS3, Microsoft Xbox 360, or other network media players. The TS-419P II is fast so it can stream multiple 1080p HD movies concurrently. The whisper-quiet design brings cinema-grade home theater experience right in the living room.

**Download Station**
The TS-419P II is a 24/7 download station for high speed BT, eMule, FTP, and HTTP download. Use the Download Station with the QGet utility to manage the download tasks remotely on the local network or the Internet. The TS-419P II also supports continuous NZB and eMule download by QPKG add-on without turning on a PC.

**QNAPSurveillance Station**
Connect to multiple IP cameras for real-time monitoring, recording, and playback with Surveillance Station. The TS-419P II supports leading IP camera brands such as AXIS, D-Link, IPUX, LevelOne, Linksys, Panasonic, and VIVOTEK. Particular models support two-way video and audio monitoring and recording, and smart PTZ control to control the monitoring direction of the IP cameras with a web browser. [See detailed support list.]

**QNAPSoftware Expansion via QPKG Add-ons**
Maximize the usage of the TS-419P II by installing additional QPKG software add-ons developed by users in QNAP's

worldwide community.

**QNAPConvenient Wi-Fi Connection**
Connect the TS-419P II to the home wireless network through a USB Wi-Fi dongle for convenient access. TheTS-419P II is compatible with fast 802.11n and 802.11g dongles for Wi-Fi connection.

**Web File Manager**
TheTS-419P II provides Web File Manager for users to access and manage the server data anytime, anywhere with a web browser. Web File Manager supports intelligent data search, batch files upload and download, file extraction, mounting ISO files, file-level permission settings, and more.

**Personal/Private Cloud Storage**
The TS-419P II helps users reap all the benefits of cloud computing. A personal cloud for home usage or a private cloud for business use can be built easily. This cloud provides flexible ways for data access, sharing, and backup, virtually anytime, anywhere.

**MyCloudNAS Service**
The MyCloudNAS service simplifies the process of publishing contents in the TS-419P II over the Internet. It provides a web-based portal for file management and access, and supports backing up important data from the TS-419P II to other cloud storage providers such as Amazon S3 and ElephantDrive.

**Eco-friendly & Energy-efficient**
The TS-419P II features green technologies to protect the environment and save electricity bill. The smart fan monitors the system temperature of the TS-419P II and automatically adjusts its speed to ensure quiet operation and power saving. The hard drives can be set to enter standby mode after a period of idling to reduce power consumption and extend hard drive lifespan. Scheduled power on/off feature provides flexibility to only allow the TS-419P II to operate in designated time and therefore minimize power usage.

**Specifications:**

| Hardware Spec. | |
|---|---|
| CPU | Marvell 2.0GHz |
| DRAM | 512MB DDRIII RAM |
| Flash Memory | 16MB |
| HDD | 4 x 3.5" SATA II and 4 x 2.5" SATA II HDD/SSD |
| NOTE | Maximum raw capacity: 12TB The system is shipped without HDD. For the HDD compatibility list, please visit http://www.qnap.com/pro_compatibility.asp |
| HDD Tray | 4 x hot-swappable tray |
| LAN Port | 2 x Gigabit RJ-45 Ethernet port |
| LED Indicators | STATUS, LAN, USB, eSATA, HDD 1, HDD 2, HDD 3, HDD 4 |
| USB | 4 x USB 2.0 port (Front:1 Back: 3) Supports USB printer, disk, pen drive, USB hub, and USB UPS, etc. |
| eSATA | 2 x eSATA port (Back) |
| Buttons | Power button, USB one-touch-backup button, reset button |
| LCD panel | Mono-LCD display with backlight and buttons for configuration |
| Alarm Buzzer | System warning |
| Form Factor | Tower |

| | |
|---|---|
| Dimensions | 177(H) x 180(W) x 235(D) mm |
| Temperature | 0 ~ 40?C |
| Humidity | 0 ~ 95% R.H. |
| Sound Level (Standby/In Operation) | 35.6 dB/ 36.7 dB |
| Power Supply | External power adaptor, 96W, Input: 100-240V |
| Secure Design | K-lock security slot for theft prevention |
| Fan | 1 x quiet cooling fan (9 cm, 12V DC) |
| Weight | |
| Net weight | 3 Kg |
| Gross weight | 4.6 Kg |
| Power Consumption (W) | |
| Sleep mode | 13W |
| In operation | 26W (with 4 x 500GB HDD installed) |

## 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-419PII-QNAP-TS-419PII-4-Bay-NAS-Network-Attached-Storage-p-57367.php**

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