ComX Computers
Product Specification Sheet

TS-419U II

QNAP TS-419U II TurboNAS - 4-Bay NAS

Product Overview

QNAP TS-419U II TurboNAS - 4-Bay NAS, SerialATA 3Gbps, Marvell 6282 2.0GHz Processor, 512MB RAM, 2x Gigabit LAN Port, USB 3.0, Firmware 3.6.







Specifications

Overview:

- Large Capacity Storage and File Sharing.
- Backup Center for Business.
- NAS, iSCSI/ IP-SAN Storage Combo Solution for Server Virtualization.
- iSCSI and Virtualization Deployment.
- Feature-rich Business Applications.
- Easily-deployed Private Cloud Storage.
- Superior Performance.
- Energy-efficient & Eco-friendly.

Features:

Cross-platform Sharing with Antivirus

The TS-419U II supports SMB/CIFS, 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 integrated antivirus solution for the TS-419U II ensures business continuity by offering detection against the latest viruses, malware, worms, and Trojan horses.

Windows Active Directory (AD) and LDAP Directory Service
The Windows AD and LDAP (Lightweight Directory Access Protocol) directory service features enable the IT administrator to retrieve user accounts from Windows AD or LDAP-based directory server to the TS-419U II, reducing time and effort in account setup. Users can use the same login name and password to access the TS-419U II. In addition, the TS-419U II can also be configured as an LDAP server and allows devices with LDAP protocol enabled to be joined in the directory and share the same user accounts and groups.

Shared Folder Aggregation
Access the shared folders of other servers on Microsoft Networking through the "portal folder" on the TS-419U II. This saves the time and effort in logging in multiple servers one by one.

ISO File Archiving and Sharing
The TS-419U II supports mounting ISO images of CD and DVD discs as network shares for data archiving, storage, and sharing. This feature saves the space for storing the physical discs, reduces the risk of data loss caused by disc wearing and tearing, and enhances the efficiency of data sharing on business network.

Advanced Folder Permissions
Advanced folder permissions allow users to configure folder/subfolder access to the TS-419U II. With this feature enabled, users can manage the folder permissions from Microsoft Windows or the web-based management interface of the TS-419U II easily.

Well-rounded Backup Solutions
The TS-419U II offers the IT administrator flexible server backup solutions, including encrypted remote replication, Real-time Remote Replication (RTRR), and cloud-based storage backup. Windows users and Mac users can use QNAP NetBak Replicator utility and Time Machine respectively to back up data to the TS-419U II. Furthermore, the TS-419U II supports third party backup software such as Veeam Backup & Replication and Acronis True Image.

Disaster Recovery Solution
The TS-419U II offers users peace of mind, business continuity, and high availability of data by providing the ability to recover their data from disasters. Real-time Remote Replication (RTRR) provides real-time or scheduled data replication between the TS-419U II and a remote QNAP NAS, an FTP server, or an external drive.

iSCSI LUN Snapshot/Backup
Server virtualization reduces IT expenditure yet provides flexible server management. Adopting a proper data protection and disaster recovery for virtual machines has become vastly important. The TS-419U II has taken iSCSI LUN backup/restore to a whole new level with snapshot technology. The IT administrator can use the LUN snapshot to back up contents in the LUN to various storage destinations, including Windows shared folders via SMB/CIFS, Linux shared folders via NFS, or local shared folders on the TS-419U II.

Cloud Storage Backup
Get ready to send private data to the clouds! The TS-419U II supports Amazon S3, ElephantDrive and Symform cloud storage backup which have several backup modes including real-time, scheduled backup and versioning control so that the data can be restored from any point of time. With ElephantDrive cloud storage can be monitored through a web browser. An extra set of all of the data stored will always be available, so remote data recovery is quick and simple.

Flexible Management
The TS-419U II supports multiple LUNs (Logical Unit Numbers) and iSCSI targets. LUNs can be flexibly mapped to, unmapped

from, and switched among different iSCSI targets.

Secure Deployment
Designed with CHAP authentication and LUN masking, the advanced ACL (Access Control List) offers the capability to block unauthorized access from the initiators.

Advanced RAID Management with Hot-swap Design
The TS-419U II offers RAID 0, 1, 5, 6, 10, 5+hot spare, single, and JBOD disk configurations. It also supports hot-swap design so that a failed member drive of a RAID configuration (RAID 1 or above only) can be replaced by hot swapping without turning off the server.

Global Hot Spare
The Global Hot Spare feature allows the IT administrator to share spare drives with multiple RAID volumes on the TS-419U II. When a hard drive fails in any RAID volume, the global hot-spare drive will automatically replace the failed drive to prevent data from being lost. Compared with a local spare drive, the Global Hot Spare function offers more efficient use of spare drives.

Online RAID Capacity Expansion
The storage capacity of a RAID configuration can be expanded by replacing larger hard drives. All the data will be kept and seamlessly moved to the newly installed hard drives without turning off the server.

Online RAID Level Migration
Upgrade the disk configuration to a higher RAID level with the data retained without turning off the server.

IP-SAN/ iSCSI Storage and Virtual Disk Drives (VDD) for Storage Expansion
The TS-419U II provides a cost-efficient iSCSI solution to set up an IP-SAN storage. With the built-in iSCSI initiator, the TS-419U II can also connect to other iSCSI targets over the network and turn them into virtual disk drives (VDD).

Wireless LAN
Connect the TS-419U II to the wireless network through a USB Wi-Fi dongle for convenient access. The TS-419U II is compatible with fast 802.11n and 802.11g dongles for Wi-Fi connection.

QNAPSuperior Performance
The Gigabit Ethernet interface and fast processor enable the TS-419U II to deliver superior performance and high reliability for critical applications.

Eco-friendly & Energy-efficient
The TS-419U II features green technologies to protect the environment and save electricity bill. The smart fan monitors the system temperature of the TS-419U 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-419U II to operate in designated time and therefore minimize power usage.

Specifications:

General	
CPU	Marvell 2.0 GHz
DRAM	512MB DDRIII RAM
Flash Memory	16MB
Hard Disk Drive	4 x 3.5" or 2.5" SATA I/II hard disk drive (HDD)

NOTE	The system is shipped without hard disk drives. For the hard disk drive compatibility list, please visit http://www.qnap.com/en/?sn=3877&lang=en
Hard Disk Tray	4 x hot-swappable and lockable tray
LAN Port	2 x Gigabit RJ-45 Ethernet port
LED Indicators	USB, Status, HDD 1, HDD 2, HDD 3, HDD 4, LAN
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	System: Power button, USB one-touch-backup button, reset button
Alarm Buzzer	System warning
Form Factor	Rackmount
Dimensions	44(H) x 439(W) x 483(D) mm
Weight	Net weight: 6.7 Kg; Gross weight: 9.5 Kg
Power Consumption (W)	Sleep mode: 12W; In operation: 33W (with 4 x 500GB HDD installed)
Temperature	0-40?C
Relative Humidity	0-95%
Power Supply	Input: 100-240V AC, 50/60Hz, Output: 250W
Fan	2 x quiet cooling fan (4 cm, 12V DC)
Operating System	QNAP Firmware v3.6
Supported Operating System	Windows XP, Vista, Windows 7 (32/64-bit), Windows Server 2003/2008 R2; Apple Mac OS X; Linux & UNIX
Supported Web Browsers	Microsoft Internet Explorer 8, 9; Mozilla Firefox 8, 9, 10; Apple Safari 4, 5; Google Chrome

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-419U-II-QNAP-TS-419U-II-TurboNAS-4-Bay-NAS-p-61269.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-19 09:24:02.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.