



Easy-access Tower NAS

QNAP TS-409 Pro Turbo Station NAS Server

BY MUZAFFAR ISMAIL

The QNAP TS-409's data storage capability has been doubled to handle 4TB (Terabytes) of data with 4 bays of single Terabyte SATA drives. While our previously reviewed TS-209 Pro catered to the small to mid range, the new TS-409 Pro is meant for the high-end SMB class user.

After going through a range of screw-top faceplates, the TS-409 Pro finally makes the QNAP NAS series more accessible with its easy swing open front grill. You no longer need to unscrew the faceplate to access your drives and you can hot swap your drives with ease. The TS-409 Pro features 4 hard disk bays this time, with each bay capable of holding a 1 Terabyte SATA hard disk drive for a total of 4 Terabytes. You can choose to slowly upgrade your hard disks from 500GB to Terabyte with ease as the TS-409 Pro is fairly flexible.

The TS-409 Pro features a Smart Fan as well as all the security features found on the previous version. Aside from the taller tower casing and extra two bays, the TS-409 Pro is virtually identical to its predecessor, the TS-209 Pro. It still has 3 USB ports, 1 in the front and 2 at the back and it still has the one-button USB flash drive quick copy function.

Setting up the TS-409 Pro is much easier now as the software and firmware have been streamlined for faster access. Once we pushed in the SATA Hard disk it was just click here, click there, name the server and you're done.

You do need to know some particulars about your network especially if you intend to make the IP address permanent, but you don't need a degree in computer networking to set up the TS-409 Pro. Our only problem when setting up was the rather stubborn hard disk bay which didn't really push the hard disk all the way in but with a little fiddling we managed to put in the hard disk.

Performance wise, the TS-409 Pro retains most of the features and abilities of the TS-209 Pro. This includes RAID, where you can set RAID 0 for the first bay and RAID 1 for the second bay as well as RAID 5, RAID 5+ hot spare and RAID 6. Most of the firmware runs from a web browser, eliminating any software compatibility issues. Just like the TS-201 and TS-209 Pro before it, the TS-409 Pro can act as a file, backup, FTP and Print server. It can also act as a Web Server, Web File Server and Mirror Station with support for MySQL and SQLite and a built in TwonkyMedia

server for anything from iTunes to Bittorrent.

The QNAP TS-409 Pro is yet another great progression for the Turbo Station NAS series. Retaining all the better aspects of its predecessors, and adding on even more great features, the TS-409 Pro is more than enough for any small to mid range user.

SPECIFICATIONS

Drive bays	OS	Ports	LAN	Price
4x 3.5" SATA up to 4TB	Linux	USB2.0, Network	1x Gigabit	RM 2999

Processor: Marvell 5281 500MHz
Memory: 256MB DDR2 RAM, 8MB Flash
HDD: 4x 3.5" SATA/2 HDD; supports hot swap and up to 4TB (system is shipped without HDD)
LAN: 1x Gigabit RJ-45
LED Indicators: Power, USB, Status, LAN, Hard-disk 1, Hard-disk 2, Hard-disk 3, Hard-disk 4
USB: 3x USB2.0, supports USB printer, disk, digital camera, flash drive, card reader, USB hub, etc.
Buttons: USB auto-copy button, power button, reset button
Alarm Buzzer: System malfunction warning
Dimensions/Weight: 225 (D) x 176 (W) x 188 (H) mm / 3.0kg
Power Supply: External power adaptor, 44.6W
Energy-saving Design: HDD sleep mode, low power consumption & silent
Thermal Solution: Smart Fan
Secure Design: K-lock security slot, Anti-kick power adaptor connector design
Warranty: One-year
Contact: Build Technology Supply Sdn Bhd
Telephone: (03) 7955 3699
URL: www.qnap.com.tw

Available at
PLAZA LOW YAT
 shopping centre

HWM'S VERDICT

Performance: **9.0**
 Features: **9.0**
 Value: **9.0**

9.0

Out of 10

Quad Terabyte NAS with easier access and the same winning features as its predecessors



Bundled package



Rear view



Instead of a screwed faceplate, the TS-409 Pro swings open for easy access