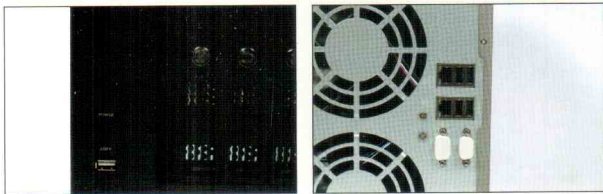


# QNAP TS-809 PRO TURBO STATION NAS SERVER

## TOP-OF-THE-LINE NAS

By Muzaffar Ismail



QNAP's lineup of Pro Turbo Station NAS servers are great examples of professional level NAS. After reviewing the six-bay QNAP TS-639 (HWM April 2009) we finally hit the pinnacle with the eight-bay QNAP TS-809 Pro Turbo Station NAS Server. Does it measure up? Read on to find out.

You'd be hard pressed to identify the TS809 Pro from a small server because it is more or less the same shape and size. Featuring eight 3.5" bays, each with its own lockable slide-out hard disk drive tray, each bay can support a 2TB hard disk drive for a whopping 16TB of network accessed storage. With two rows of hard disk drive bays, the NAS is much taller although a bit thinner than other Pro Turbo Station models. Above these rows lies the touch-and-go LED which allows for computer-less setup and a USB port for direct copy.

Unlike its other Pro NAS siblings the TS-809 Pro has done away with any eSATA ports, probably because the NAS already has the maximum amount of space available. The back panel

features four USB ports, two Gigabit LAN ports and a single VGA port besides an RS-232 port. This NAS is cooled by two 120mm silent but intelligent Smart fans for optimum cooling. The NAS is powered by a 2.4GHz Intel Core 2 Duo Processor complete with 2GB DDR2 RAM and onboard graphics. Each drive tray can be swapped on the fly.

Like its other QNAP siblings, the TS-809 is relatively easy to setup. In terms of functions, the NAS includes the ability to act as a backup, FTP, print or Web file server. It supports MySQL, SQLite and offers a built-in TwonkyMedia server as well as support for iTunes and computer-less Bittorrent downloads. File transfers are fast and stable with a 4.5GB one taking little more than 6 to 7 minutes to complete.

The two gigabit LAN ports add plenty of other functions as well so you can connect the NAS to two separate subnets or connect both to a single subnet for network port redundancy. This means if one Gigabit port fails, the NAS remains

connected through the other network port. Alternatively when connected via both gigabit LAN ports to a single network, performance to said network can be boosted through load balancing.

The QNAP TS-809 Pro Turbo Station NAS Server is a great NAS for the large scale organization. With up to 16TB of space to work with you can easily set up an 8TB RAID



system with backup redundancy for your data, just in case a hard disk fails. Although the TS-809 doesn't have eSATA ports, the two Gigabit LAN ports offer excellent options, both in terms of performance as well as redundancy, ensuring that your network files stay online all the time. The NAS's easy to remove and install hotswappable trays make it exceptionally easy to upgrade or replace hard disk drives while the numerous functions add plenty of features for users.

### SPECIFICATIONS

<b>Drive Bays</b> 8x 3.5" SATA up to 16TB	<b>OS</b> Linux	<b>LAN</b> 2x Gigabit	<b>Price</b> RM7599
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**Processor:** Intel Processor Core 2 Duo 2.4GHz  
**Memory:** 2GB DDR2 RAM, 128MB Flash (DOM)  
**HDD:** 8x 3.5" SATA/2 HDD (each bay holds up to 2TB) / each tray is lockable and supports hot swap (system is shipped without HDD)  
**LAN:** 2x Gigabit RJ-45  
**LED Indicators:** Status, LAN, USB, eSATA, Power, HDD 1 to 8, USB LAN  
**USB:** 5x USB2.0, supports USB printer, disk, digital camera, flash drive, card reader, USB hub, etc.  
**eSATA:** None  
**Others:** 1x VGA, 1x RS-232  
**Buttons:** System Power button, USB One-Touch-Backup Button, Reset button  
**Alarm Buzzer:** System malfunction warning  
**Dimensions/Weight:** 270 (D) x 200 (W) x 298 (H) mm / 8.1kg  
**Power Supply:** Sleep mode: 42W / In Operation: 81W (with 8x 640GB HDD installed)  
**Thermal Solution:** 2x smart silent cooling fan (12cm, 12V DC)  
**Secure Design:** K-lock security slot  
**Warranty:** 1-year  
**Contact:** Build Technology Supply Sdn Bhd  
**Telephone:** (03) 7955 3699  
**URL:** www.qnap.com.tw

Available at

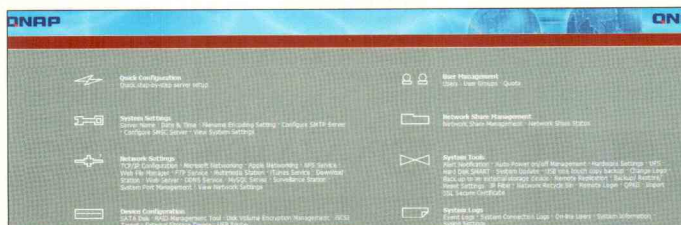
**PLAZA LOW YAT**  
shopping centre

### HWM'S VERDICT

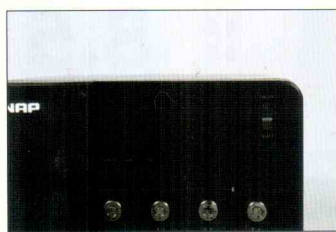
Performance: 9.0  
 Features: 9.0  
 Value: 9.0

**9.0**  
Out of 10

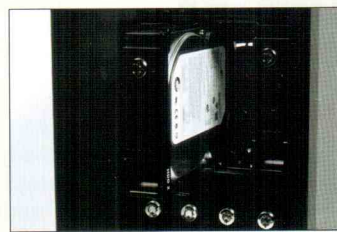
**8-bay NAS with full-fledged server functions and up to 16TB worth of space**



The setup screen for the QNAP TS-809 Pro



The 2-line LED allows you to set up the NAS without a PC



Each bay can hold a 2TB hard disk drive and can be locked individually