

## TS-201 TURBO STATION SPECIFICATIONS

### Software Specification:

**Operation System:**  
Linux embedded system

**Network Transport Protocols:**  
TCP/IP, Apple Talk®

**Network File Protocols:**  
Microsoft® networks (CIFS/Samba), Apple® (AFP), Internet (HTTP), File Transfer Protocol (FTP, max suggested 64 concurrent connections)

**OS Supported (for Client PC):**  
Microsoft® Windows® 98/ME/NT/2000/XP/2003/Vista, Mac® OS 9, Mac® OS X

**Network Management:**  
Fixed IP address, dynamic IP address

**Disk Configuration:**  
Single disk, RAID 0 (Disk Stripping), RAID 1 (Disk Mirroring), JBOD (Linear Disk Volume), disk usage status management, check disk/bad blocks scan

**Device Configuration:**  
SATA I/II disk, USB disk, USB printer

**User Management:**  
User account management (max 512 users), user group management (max 1024 groups), configurable password

**File System Management:**  
Network share management (max 1023 shares), share level ACL support, Unicode support Journaling File System, over 2GB files support

**System Tools:**  
E-mail alert (support SMTP authentication), HDD standby mode, disk usage alert, auto power on, system firmware upgrade, change homepage logo, backup, restore, reset system settings.

**Event Logs:**  
Display system log/alert/error

**System Management:**  
Web-based administration (auto detect language), Quick Install Wizard, LED display, reset button, support network time protocol

**Multilingual Support:**  
English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian

**Backup Management:**  
Support client backup software NetBak Replicator, RAID 1 mirroring, block level remote replication

### Powerful all-in-one server:

**File server:**  
Share files across Windows/Mac and centralize management

**FTP server:**  
Access files from remote location via FTP server

**Backup server:**  
Client-side backup software-NetBak Replicator supports instant, schedule and real time backup

**Mirror station:**  
Protect data by RAID 1 technology, supports RAID auto rebuilding

**Disaster Recovery:**  
Block level remote replication supports instant, scheduled, synchronization mode remote backup management

**Print server:**  
Network printer sharing via USB (Support Windows® platform only)

**Web Server:**  
Build users own web page and interactive websites with PHP and SQLite

**Multimedia Station:**  
Image slide show, rotate (+90°, -90°), photo information display from digital camera, thumbnail preview, album management, multimedia files (video and audio) local play. Support UPnP/DLNA multimedia technology (Internet radio, automatic file categorization)

**Download Station:**  
Support Bit Torrent download (Windows® only), download task management (automatic relaying if interrupted), download configuration (concurrent download seed number, port setting, upload/download speed), download status list management (download percentage)

### Hardware Specification:

**HDD:**  
2 x 3.5" SATA I/II HDD, support hot swap and up to 1.5TB (the standard system is shipped without HDD)

**LAN Port:**  
1 x Gigabit RJ-45 Ethernet port

**LED Indicator:**  
Power, USB, Status, LAN, Hard-disk

**USB:**  
3 x USB 2.0, support USB printer, disk, digital camera, pen drive, card reader, USB hub etc.

**Buttons:**  
USB auto-copy button, power button, reset button

**Alarm Buzzer:**  
System malfunction warning

**Form Factor:**  
Compact cubic type

**Dimensions:**  
214 (D) x 175 (W) x 115 (H) mm

**Weight:**  
Net weight: 2.4Kg, Gross weight: 3.5Kg

**Temperature:**  
0~35°C

**Relative Humidity:**  
0~80% R.H.

**Power Supply:**  
External power adapter, 60W, 100~240V

**Energy-saving Design:**  
HDD sleep mode, low power consumption & silent

**Thermal Solution:**  
Silent Fan Case

**Secure Design:**  
K-lock security slot

Your Best Affordable  
Storage Solution !



## All-in-One NAS for SOHO & SMB Users Your Most Affordable Choice



# TS-201

Turbo Station

## 2-Bay • RAID 1 • Hot Swappable

Non-Stop Service • Hassle Free Maintenance  
Storage at Your Fingertips

### Features & Highlights:

- 2 SATA hot swappable hard disk bays
- Storage capacity up to 1.5TB (Maximum capacity)
- High performance RAID 1 for non-stop service
- Gigabit Ethernet with Jumbo Frame function for heavy throughput
- Easy to install, easy to setup, user friendly web GUI
- Powerful server management software
- QNAP unique triple backup technology:
  - ◆ NetBak Replicator
  - ◆ RAID 1
  - ◆ Remote Replication
- BitTorrent™ download client embedded
- Most complete UPnP/DLNA functions: Internet radio, automatic multimedia file sorting
- Multi-protocol system support on Windows, Macintosh, TCP/IP, HTTP, FTP
- Double-byte language support for file name, user name and security settings
- High availability to keep enterprises operating continuously
- Affordable initial setup cost and no license fee
- Stylish design

## TS-201 NETWORK ATTACHED STORAGE (NAS) SERVER

TS-201 is a low cost full-featured, 2-bay, RAID 1, hot-swappable Network Attached Storage (NAS) server with a compact design. It provides shared data to clients and other servers on a Local Area Network (LAN). TS-201 is designed for medium/small office or solution providers who have networked storage requirements across Windows

and Mac environments. TS-201 is also designed for users who do not have MIS people or who desire to maintain the server by themselves. Compared to a traditional file server, it is priced at a fraction of the cost. The compact size and large storage capacity provide highest price/performance ratio.

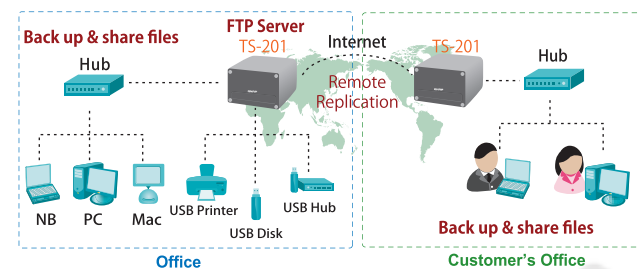
## THE APPLICATIONS OF QNAP TS-201 TURBO STATION

With innovative hardware and software design, TS-201 Turbo Station is an ideal choice to fulfill the business and entertainment storage requirements in the following applications:

### Medium/Small Office and Home Office

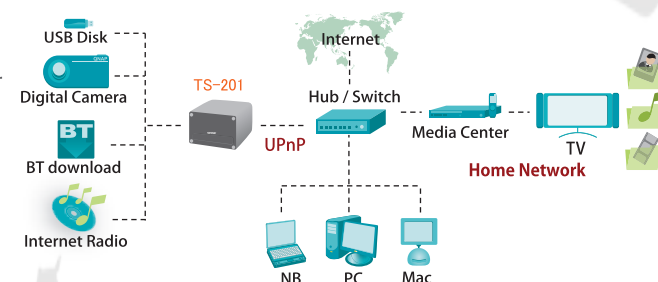
Due to the limited budget of medium/small office and home office, it is hard to choose a file server at an affordable cost yet with high availability and expandability. For SOHO, TS-201 is a cost-effective and complete solution to their data storage requirements. Even if small office and home office have already had an expensive server installed, when the server storage is full, TS-201 is still an ideal and quick solution for storage expansion. TS-201 supports large storage capacity and the most reliable performance.

It also allows Windows and Macintosh clients to store, share and back up files. TS-201 provides the best price and is the best choice of NAS server.



### Home Users

The rapid development of broadband network and the extensive use of digital multimedia such as MP3 music, movies, videos and images have led to growing demand for large capacity storage system. TS-201 Turbo Station can become home multimedia storage center to enrich users' digital life. TS-201 is easy to set up and use. It is a DHCP-enabled device. When it is connected to the IP sharing router, it will acquire an IP address automatically.



### Solution Providers

The innovative mechanical and electrical design makes TS-201 a NAS server of high reliability, scalability, availability and lower cost for IT solution providers. TS-201 can act as a file storage server to provide their

customers the best and complete IT solutions. They can integrate TS-201 to the customers' IT project to store, share and protect important and valuable data effectively.

## THE ADVANCED FEATURES OF QNAP TS-201 TURBO STATION

### Large Capacity and Low Cost

TS-201 provides 2 SATA hot-swap hard drive bays and the capacity is up to 1.5 TB. The hot-swap SATA HDD interface costs at least 75% less than SCSI-based solutions. TS-201 offers affordable initial setup cost and competitive incremental cost.

Up to  
1.5 TB

### Easy to Install

The front panel can be removed simply by unfastening the four thumb screws. There is no need to remove the upper case or deal with complicated wires. Simply lock the hard disks on the disk trays and insert them to TS-201. Connect the power supply and network cable, and finish a few installation steps. The server is ready to use!



### Easy to Use

Browser-based Graphic User Interface (GUI) provides high usability for the administrator to manage the server and even BT download remotely.

### Easy to Expand

Easy expansion and customization of storage space. Users can install one hard disk first and upgrade to 2 disks in the future when need more capacity. You can even connect external USB disk to further expand storage capacity.

### High Performance

High speed USB 2.0 transfer interface. Gigabit LAN supports Jumbo Frame ultra speedy bandwidth. With block level remote replication, transfer rate is further enhanced to shorten your backup time.

### High Interoperability

Multi-protocol system support on Microsoft and Apple networks

### High Reliability

TS-201 supports RAID 1 for 24 hours, 7 days a week non-stop service and easy maintenance. The intelligent on-line data rebuilding capability allows users to replace a failed drive by hot swap, this enables automatic data rebuilding to the new drive without suffering from any system downtime. The hard disk status and usage monitoring make sure data is secured by another drive and the system will alert the administrator automatically if any drive fails.

### One Touch Auto Copy

Simply connect a USB storage device (e.g. pen drive, digital camera) to front USB port of TS-201 and press the copy button, all USB data can be copied to TS-201 independent of PC.

## All-in-One NAS SERVER

TS-201 is a powerful all-in-one NAS server. It is a file server, print server, ftp server, web server, backup server, mirror station, multimedia station, disaster recovery, and download station.

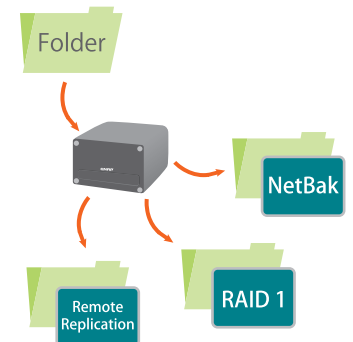
### Powerful Management Software

1 Easy File Sharing: Intuitive web-based interface to simplify management of user quota and folder access right. FTP can be set up easily for file sharing.

2 Quick Installation Wizard (QIW): QIW can search and set up IP address on the LAN with just one click. Through QIW, DHCP or static IP configuration, overall system status and network drive mapping can be done easily.

3 Reliable Triple Backup:

1. Handy backup software NetBak Replicator to back up data from PC or notebook directly to Turbo Station and restore backup files from the server to client computers easily. 2. RAID 1 mirroring and 3. remote replication further protect you from data loss.



4 Powerful Embedded Server Management: Network settings for Windows and Apple, management of the major services, hard disk management, user access right, quota, group, share folder management, status and event logs, remote shutdown, sleep mode etc.

5 Advanced Disk Protection Technology: Built-in HHS (HDD Health Scanning) technology to scan for bad blocks of hard disk to prevent potential data loss. Hard disk standby mode can be set to extend disk life.



BT Download Anytime, Anywhere!	Your Digital Home Server	Interactive Website Function
Turbo Station can replace your computer for 24-hour BT download independently. The process is silent and energy-saving. BT download tasks can be managed anytime, anywhere via web interface.	In addition to network multimedia album, Turbo Station supports UPnP/DLNA to play the music, photos, and videos on TV and broadcast network radio via media player. TS-201 is your elegant digital home server.	Turbo Station provides web server function for personal website. It supports PHP and SQLite database to establish interactive websites like blogs, forums, message boards, and e-business sites etc..