QNAP

TS-251Compact

Compact & Affordable
2-Bay Personal Cloud for Everyone

The Power of Celeron®, the Price of Atom®

- Dual-core Intel® 2.41GHz CPU (Burst up to 2.58GHz)
- Deliver up to 112MB/s read & write speed
- 1080p FHD hardware accelerated transcoding

HDMI OUT

NEW

Equipped with QTS 4.1.2 Turbo NAS OS

intel inside™
CELERON

TS-251C

File Storage, Management and Sharing

- Cross-platform access between Windows SMB, Mac AFP, Linux NFS
- Full NAS accelerated-encryption with over 90MB/s performance

Multimedia Center

- Up to 7.1 channel audio passthrough and high-quality multimedia playback via HDMI
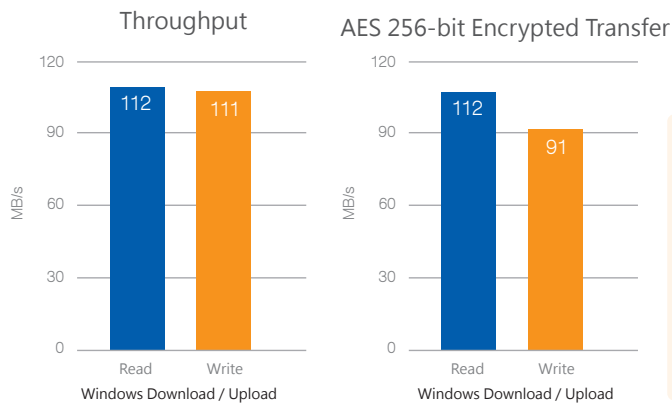- On-the-fly and offline hardware accelerated video transcoding

Rich Applications

- More than 100 add-on apps, including business, entertainment, and other NAS apps.
- A variety of mobile apps for data access and management

Compact and Affordable Multimedia NAS for Everyone

Intel® Celeron® dual-core processor

Powered by a dual-core Intel® Celeron® 2.41GHz processor (burst up to 2.58GHz), 1GB energy-efficient DDR3L RAM, the TS-251C is a powerful NAS that delivers unrivaled performance with up to 112MB/s read/write speeds. The TS-251C's fast data encryption provides a read performance of up to 112MB/s with AES 256-bit volume encryption that boosts system performance & security while ensuring the safety of personal sensitive data stored on the TS-251C.

Throughput

	Read	Write
MB/s	112	111

Windows Download / Upload

AES 256-bit Encrypted Transfer

	Read	Write
MB/s	112	91

Windows Download / Upload

Test Environment:

NAS:
- OS: QTS 4.1.2 build 20150112
- Volume type: RAID 0 (1TB HDDx2, Seagate ST1000NM0033
- SMB Version: 2.1

Client PCs:
- Intel (R) Core(TM) i7-4770 3.4GHz, DDR3 16GB, WD 1TB WD10EZEX-21M2NA0, Windows 7 Professional 64bit SP1, Windows upload/download with 5GB file.

Multimedia Center

Intuitive HD Station 2.0 (HybridDesk Station 2.0)

HD Station 2.0 is a monitor-based user interface. Simply plug in a keyboard, mouse, and HDMI monitor to a TS-251C, and you can start the installation process and access data without connecting to a PC, tablet, or smartphone. A variety of local display applications are available on HD Station including QTS, Mozilla Firefox, Google Chrome, XBMC, and Spotify. The new tablet-style UI design of HD Station 2.0 provides users with a quick overview of available apps, allowing them to easily select the one they want to use.

QTS   Chrome   Firefox   XBMC   Spotify

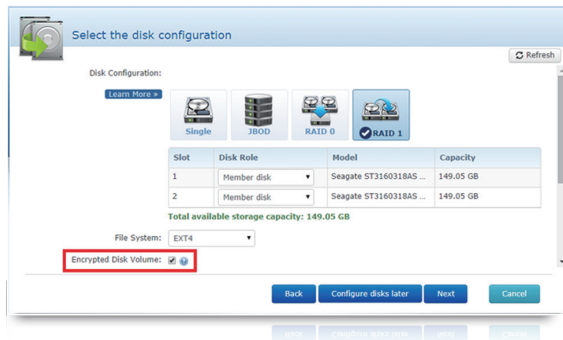## Real-time and offline video transcoding

The TS-251C supports real-time and offline file transcoding that provides bandwidth and device-optimized videos in universal file formats for convenient viewing across a range of devices and network environments. If you did not transcode in advance, you can use on-the-fly transcoding. This will adapt to meet bandwidth limits, with the Turbo NAS transcoding in real time for watching the video directly. Or you could add videos to the transcoding list and use the Turbo NAS to convert the original high-resolution video for use with multiple resolutions with offline file transcoding in advance. Then you can select an appropriate resolution when sharing or watching to match your device or network environment.

File Storage, Management and Sharing

Cross-platform file access and backup

QTS supports Windows SMB, Mac AFP and Linux NFS protocols to easily access and share files on the TS-251C.
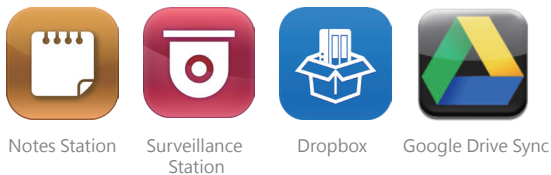
Full NAS volume encryption to enhance data security

The TS-251C ensures the security of data by including full volume encryption that can encrypt photos, music, videos, and documents in every shared folder of the Turbo NAS. To ensure the data in TS-251C is completely protected, just enable volume encryption function when installing TS-251C.
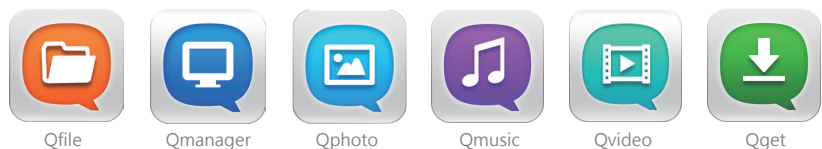
Rich Applications

Customize your own Turbo NAS

The QNAP App Center provides various apps for you to install on demand, enjoy more applications and increase the value of your purchase.

Notes Station   Surveillance Station   Dropbox   Google Drive Sync

Mobile apps - enjoy mobile life anytime, anywhere

Ever wanted to browse and manage files stored on your Turbo NAS with your iOS®, Android™ and Windows® mobile device? The free QNAP apps are right for you.

Qfile   Qmanager   Qphoto   Qmusic   Qvideo   Qget

TS-251Compact

Hardware & Software Specifications

TS-251C

Labels (front):
- One Touch Copy Button
- USB 3.0
- LED Indicators: STATUS, HDD1, HDD2, LAN, POWER
- STATUS
- HDD1
- HDD2
- LAN
- POWER
- Power Button

Labels (rear):
- Fan
- Password & Network Settings Reset Button
- USB 2.0 x 2
- HDMI
- Gigabit LAN
- Power Connector
- Kensington Security Lock

CPU	Dual-core Intel® Celeron® 2.41GHz (Burst up to 2.58GHz)
Memory (RAM)	1 GB DDR3L
Flash	512MB (DOM)
Max. Number of HDDs/SSDs	2
HDDs/SSDs Form Factor & Interface	3.5" SATA HDD
Expansion Enclosure Support	1 (UX-800P, UX-500P)*
Gigabit LAN Ports	1
USB Ports	USB 3.0: 1, USB 2.0: 2
IR Sensor	Yes (Compatile with QNAP RM-IR002 remote control)
HDMI	1 (v1.4a, 1080p)
LED Indicators	Power, Status, LAN, USB, HDD1, HDD2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	166.5 x 85.0 x 218.4 mm; 6.65 x 3.35 x 8.60 inch
Weight (Net/Gross)	0.94 / 3.16 Kg; 2.07 / 6.97 lb
Temperature and Humidity	0-40°C, 5-95% R. H.
Power Supply Specification	External power adapter, 60W, 100-240V
Power Consumption (W)	S3 Sleep: 0.7, HDD Sleep: 7.38, Typical Operation: 15.71

Volume Types	Single disk, RAID 0, 1
Storage Management	Flexible volume/LUN; Online RAID capacity expansion and online RAID level migration
Supported Client OS	Windows XP, Vista, Windows 7 (32/64-bit), Windows 8 (32/64-bit), Windows Server 2003/2008 R2/2012, Apple Mac OS X, Linux & UNIX
Internal File System	EXT4
External File System	EXT4, EXT3, NTFS, HFS+, FAT32
Supported Protocols	CIFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, and SMSC
File Sharing	Max user accounts: 4096; Max groups: 512; Max shared folder: 512; Max concurrent connections:500
Surveillance Station	Includes 2 free camera licenses, up to 24 camera channels via additional license purchase (http://license.qnap.com)
Features	File Station, Photo Station, Music Station, Video Station, Download Station, Qsync, Notes Station, HD Station, FTP Server, Print Server, VPN Server, VPN Client, Antivirus Protection,
Streaming Server	DLNA Server, Airplay, Chromecast, iTunes Server
Video Transcoding	Hardware accelerated on-the-fly and offline transcoding
Remote Access	myQNAPcloud

* Economical storage expansion with scale-up solution by UX-800P or UX-500P, maximum 8 hard drives with 64TB

■ Some data encryption functions may not available in accordance with the legislative restrictions of some countries such as Russia.

Designs and specifications are subject to change without notice.