QNAP

HS-264

Intel® Celeron® 2.5GbE 2-bay NAS

Sleek and silent

intel. CELERON
N5105 4-core

FANLESS

HDMI
2 x HDMI
up to 2.0

2.5GbE
2.5GbE x 2

4K
4K output

Silence

Fits your home

HS-264 adopts a new and elegant appearance, with a fan less design and a metal hairline upper cover, which is both beautiful and heat dissipation, no longer have to worry about the fan being filled with dust or malfunctioning.

QTS 5.0 + Linux Kernel 5.10

In order to provide the best performance, the HS-264 is equipped with QTS 5.0 and uses the new Linux kernel 5.10 to unleash the potential of the Intel® Celeron® N5105. QTS 5.0 optimizes overall system performance and enhances the versatility of the HS-264

AES-NI encryption
Volume & folder support

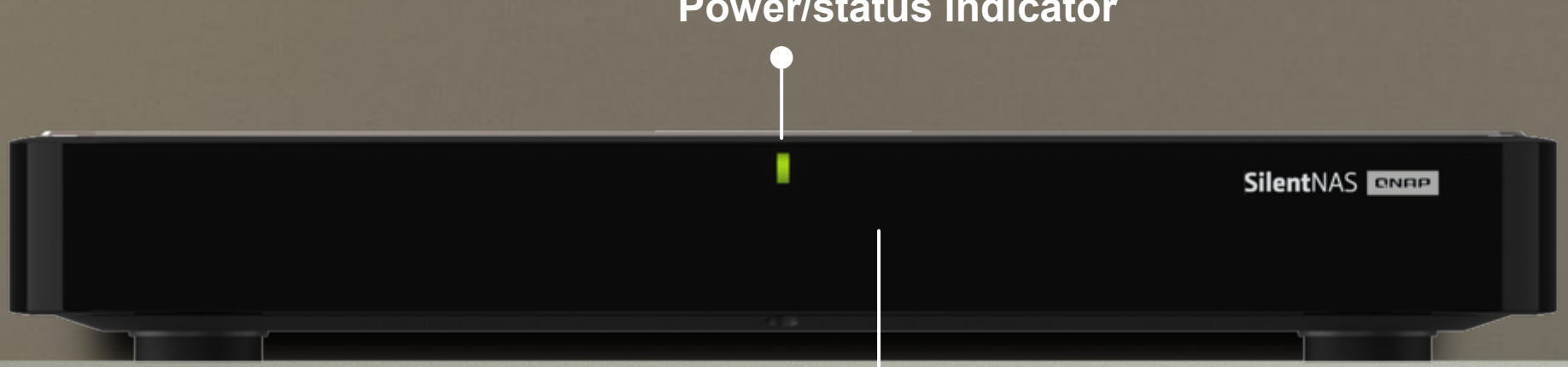
N5105
Jasper Lake

GPU up to 800 MHz
UHD Graphics

4-core
4-thread

2.9GHz
Burst

Front view of HS-264
Light weight and minimalist design

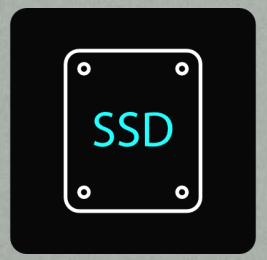


- Optional **RM-IR004** remote control

2 Bays HDD/SSD

The new HS-264 has 2 built-in SATA 6Gbps hard drive bays, in addition to supporting large-capacity mechanical hard drive HDD, it can also support 2.5” solid state drive SSD to balance performance and capacity.

HDD for high capacity

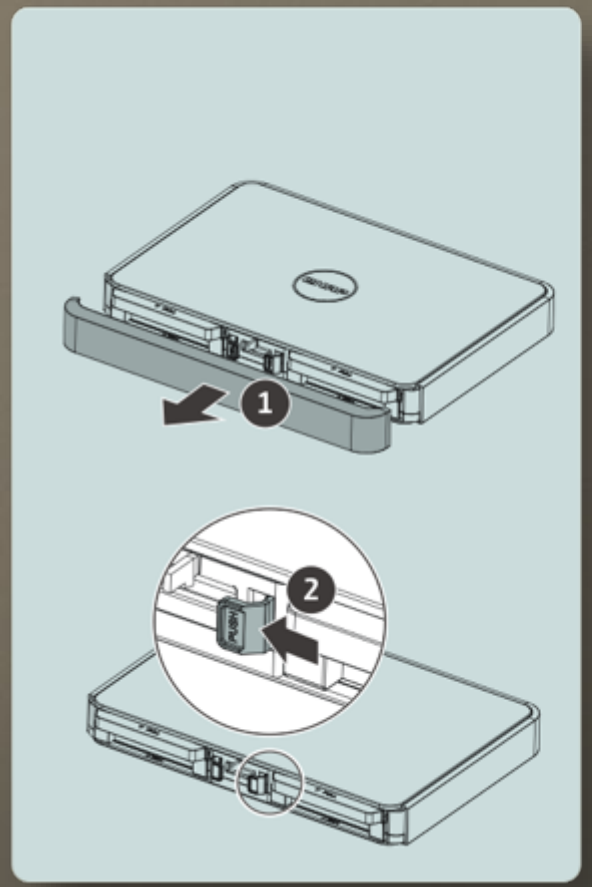


SSD for performance and silence

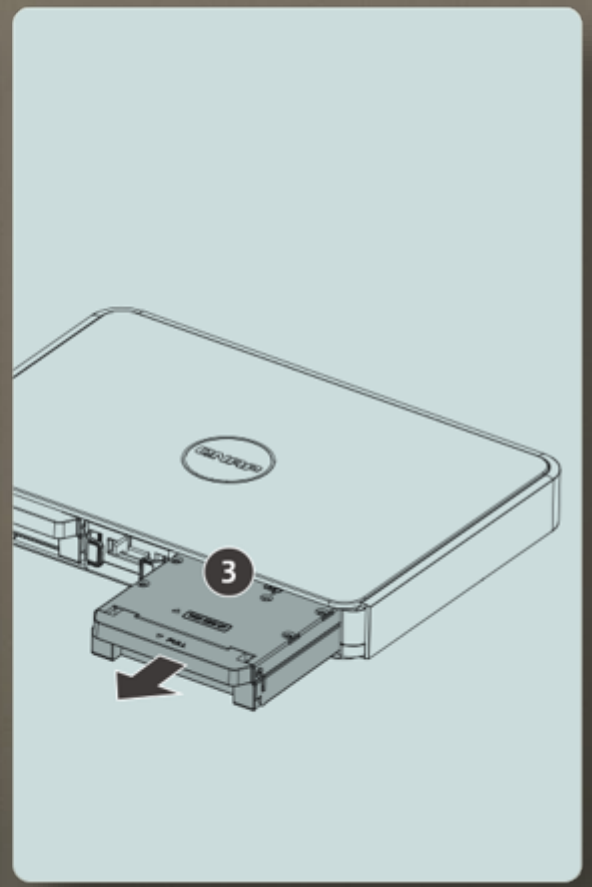
SATA 6Gb/s

Easily install 2.5" or 3.5" HDD or SSD

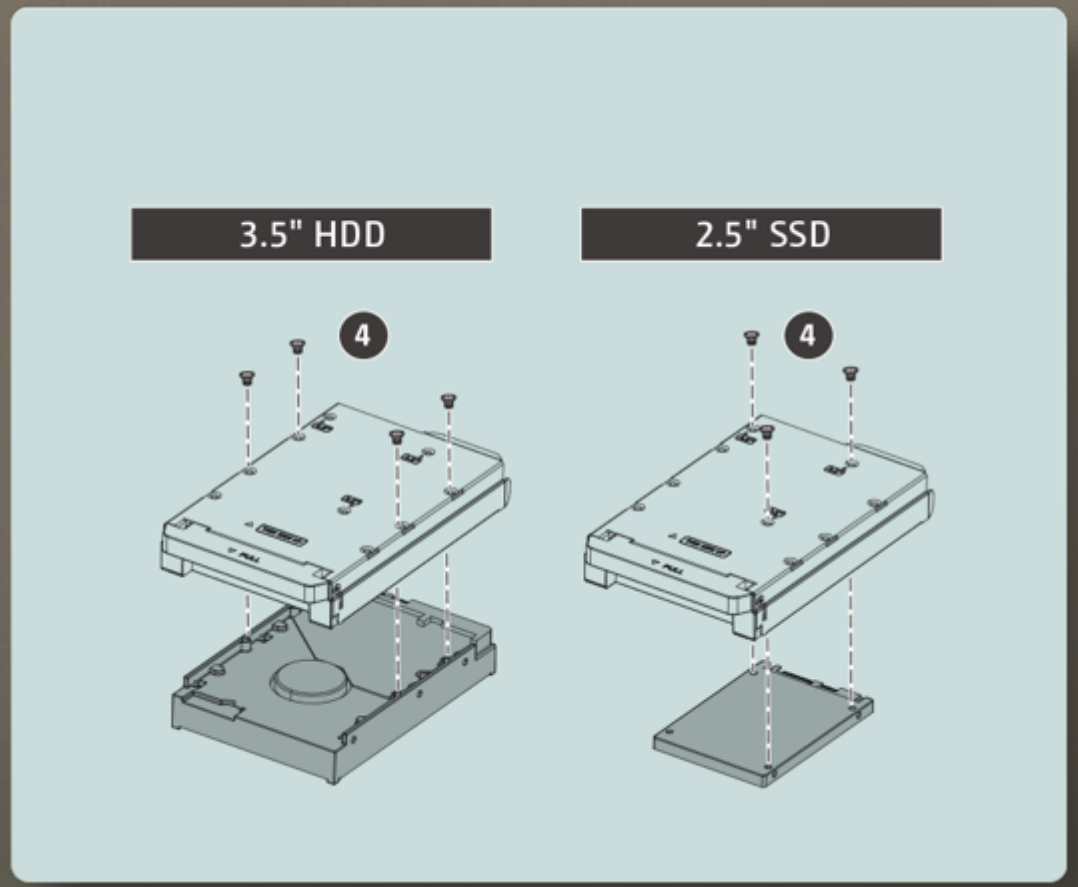
1. Remove the front cover



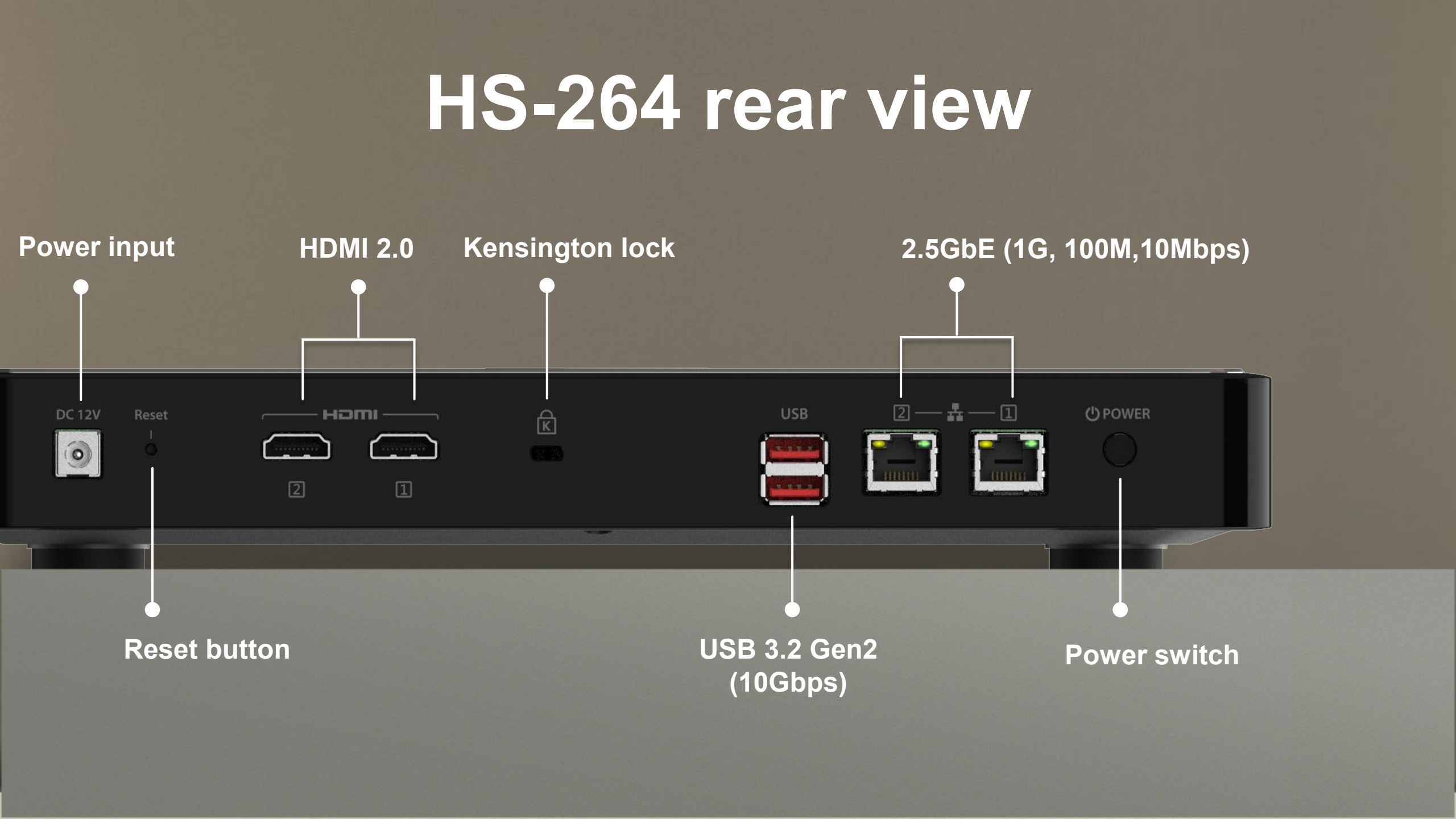
2. Pull out the hard drive tray



3. Use the corresponding screws to install the disk



HS-264 rear view



High-performance GPU with two HDMI outputs and up to 4K 60Hz resolution

4K UHD

New Graphic process unit
Intel UHD Graphics

4K

Support up to 4K @60Hz
HDMI outputs

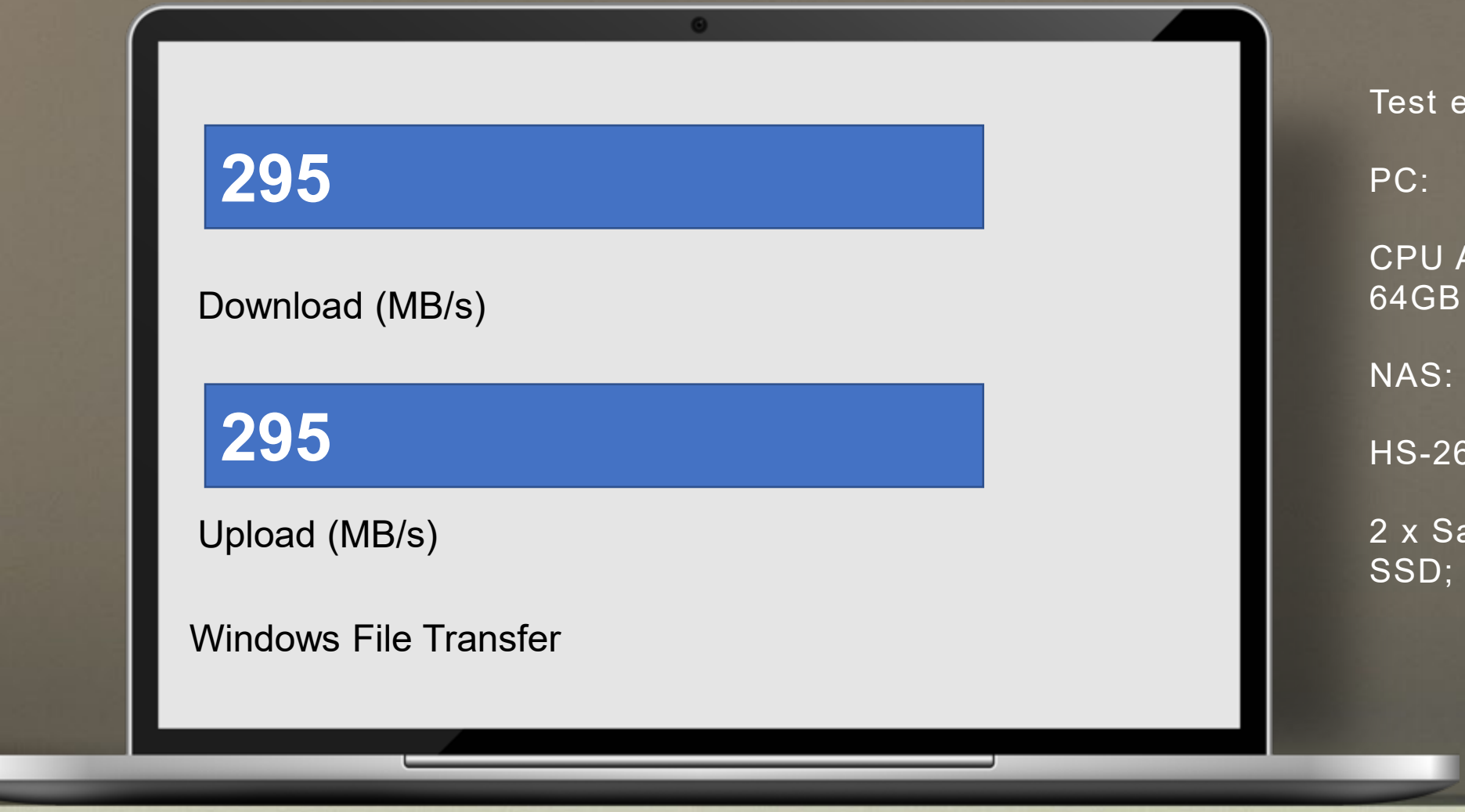
h.264
h.265

Support h.264/265
hardware transcoding

Specifications

Ordering P/N	HS-264-8G
CPU	Intel Celeron N5105; quad-core, up to 2.9GHz
Graphics	Intel UHD Graphics (up to 4K output & transcoding)
Memory	8GB not expandable
Drive bays	2 x 2.5”/3.5” HDD/SSD SATA III 6Gbps
Ethernet	2 x 2.5G NBASE-T
USB	2 x USB 3.2 Gen 2 (10Gbps); Type-A
IR receiver	Support (Optional RM-IR004)
Kensington	Support
Power	External adapter 60W; 100-240VAC

2.5GbE provides nearly 295MB/s performance, much faster than 1GbE



Test environment :

PC:

CPU AMD EPYC 8-core CPU; 64GB Memory; Windows 10 Pro

NAS:

HS-264-8G

2 x Samsung 870 EVO 250GB SSD; RAID0

LIVE
DEMO
HS-264

HS-264 available soon!

Comes with 2-year standard warranty, extend up to 5-year warranty

Warranty P/N:

EXTW-GREEN-3Y (For extra 3-year warranty)

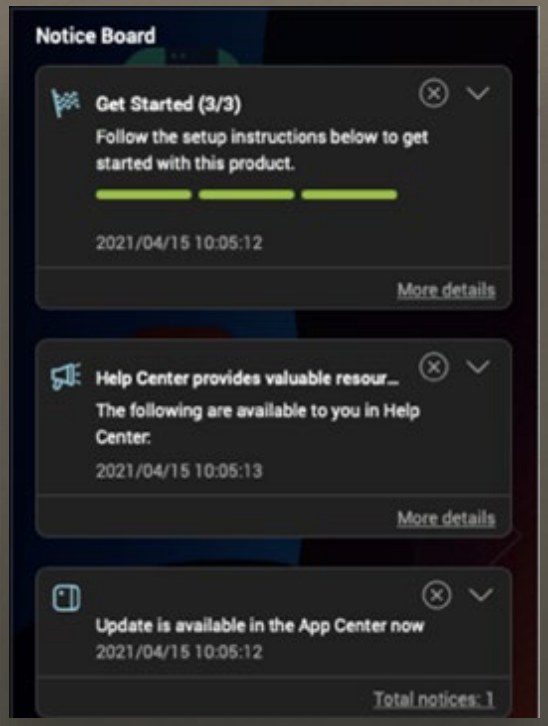
New QTS 5.0

Faster, easier and more secure
Support QVPN / WireGuard VPN

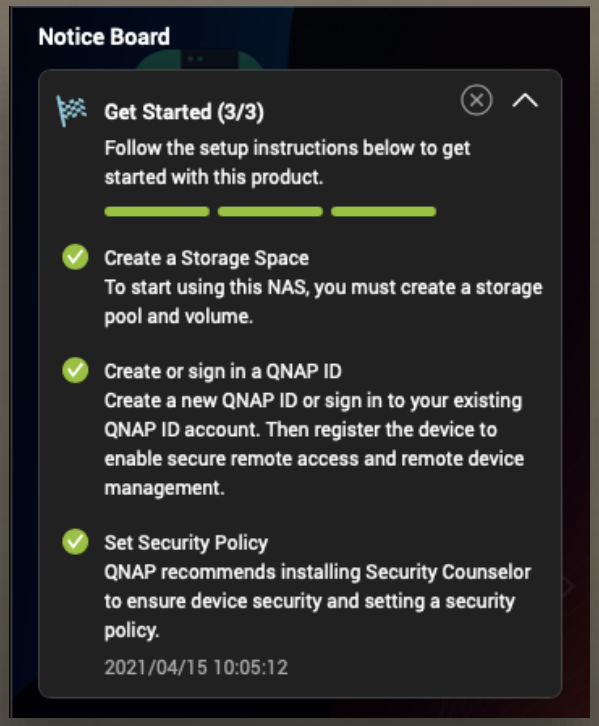
QTS 5.0 with Linux Kernel 5.10 improve security & optimize the user interface

Simplified OOBE installation steps & optimized user interface

Group notification



Guide



QVPN、QuWAN Mesh VPN Offers a variety of VPN solutions

QuWAN Mesh VPN

QuWAN SD-WAN supports IPsec VPN, allowing QNAP NAS and VMware Hypervisor platforms to build auto Mesh VPN networks for highly secure multi-site connections.

Learn more: QuWAN SD-WAN

QVPN

Establish a VPN connection to a remote NAS and access its content/services from computers and mobile phones. You can also use the NAS as a VPN server through QVPN.

Learn more: QVPN

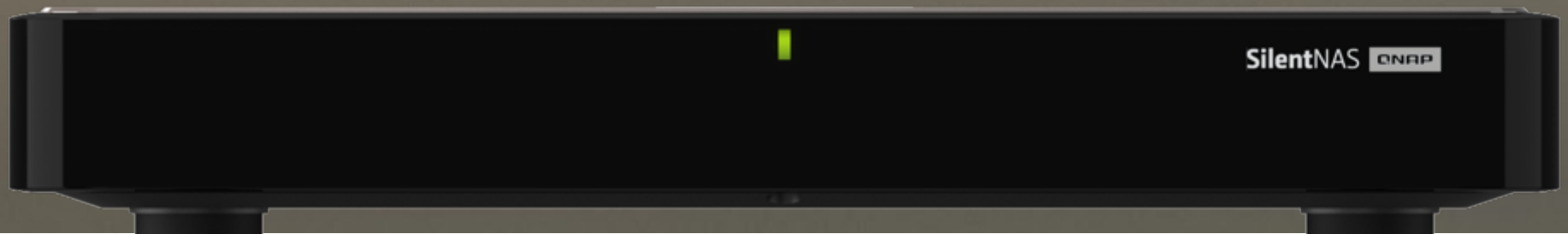
QTS 5.0 built in WireGuard VPN

- The new QVPN's WireGuard VPN is lighter, easier to set up, supports multiple user platforms, and greatly improves the speed. It is an essential tool for individual users to work from home.
- Connecting to a NAS is safer and more convenient.

WIREGUARD
FAST, MODERN, SECURE VPN TUNNEL

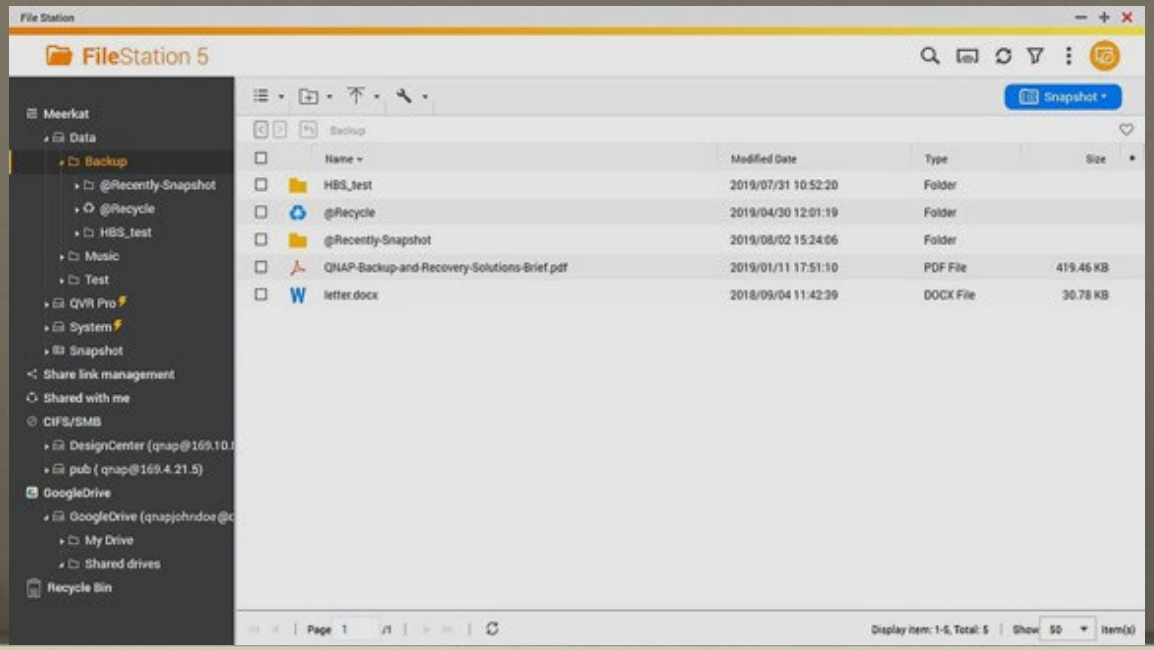
File Management

QTS provides a variety of APPs to help you manage various files in the NAS



File Station – Multifunctional file browser

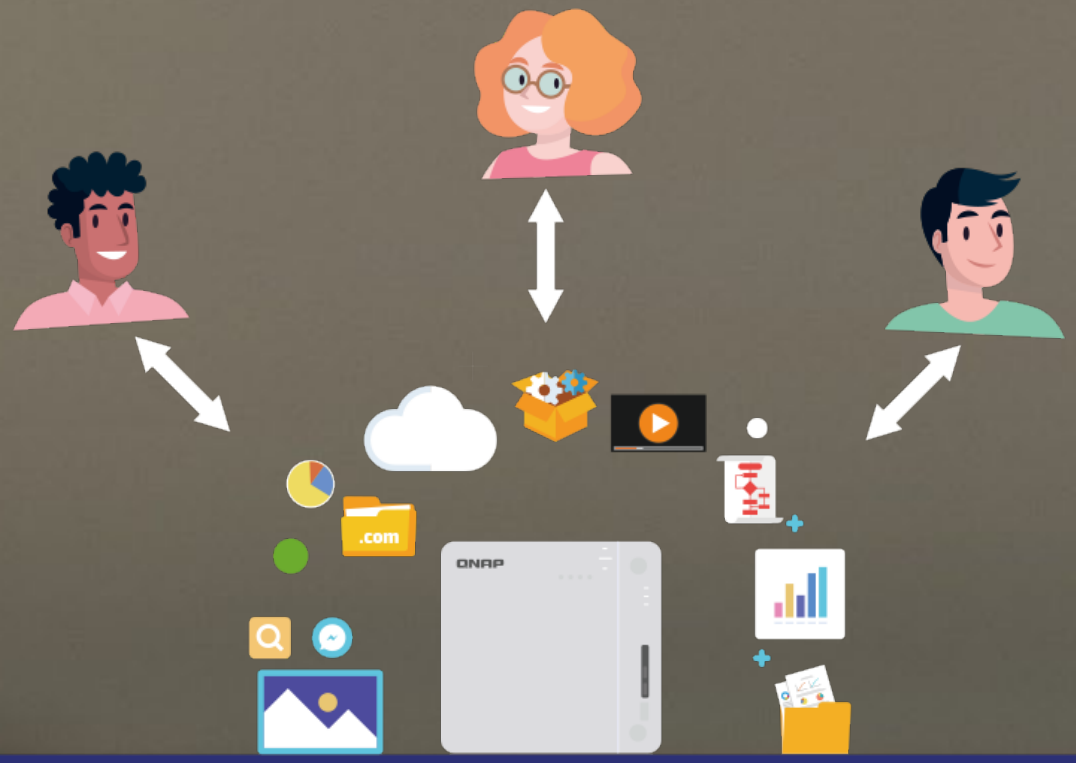
File Station not only allows you to manage the files stored in the NAS, but also the files on the cloud space can be easily managed. Through simple and intuitive operations, you can quickly upload files from devices such as computers, drag and drop files between different folders, delete files, and set file and folder permissions to protect important data from prying eyes.

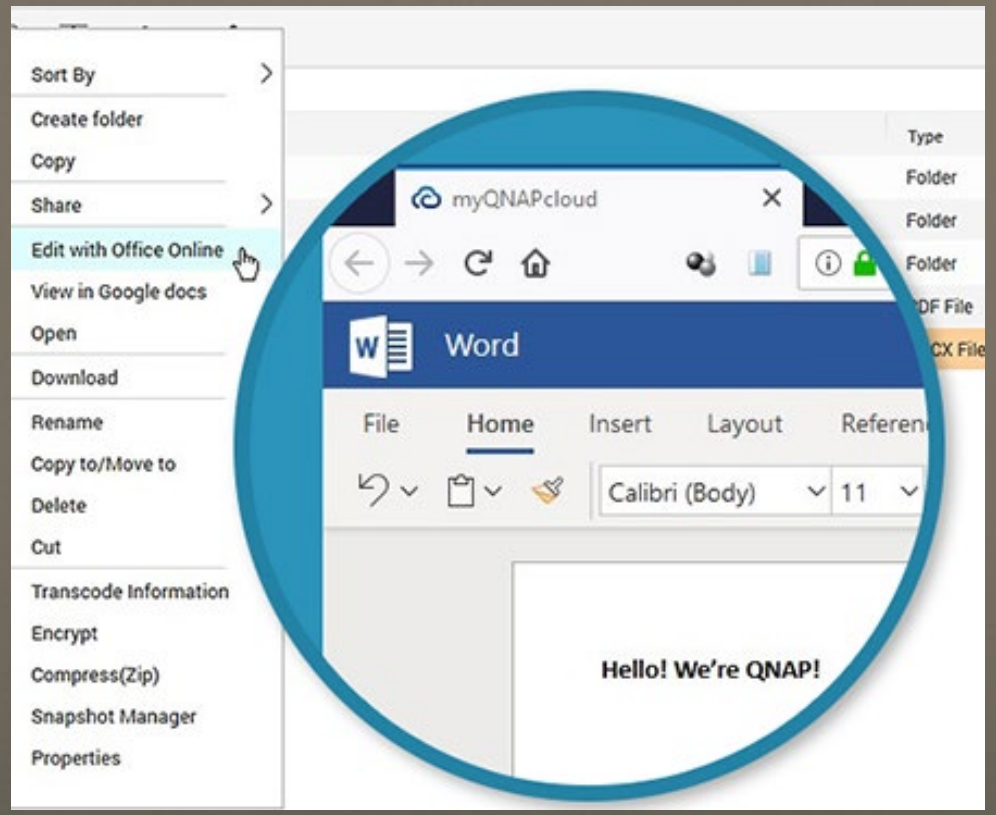


Manage your files with the Qfile mobile app

File Station – Easy to share

Easily share QNAP NAS files with friends, family and colleagues. You can create a sharing link and send it to others via social networking sites or email. You can also add an expiration date or set a password to the link to make the file more secure. All created sharing links can also be managed in File Station, which is very convenient.





Microsoft Office on the web simplifies document editing

Handy tool to sorting and search files

Qfiling

Automatic batch classification and archiving of photos and files stored in the NAS. The fully automatic process allows you to no longer have to manually drag and drop files, saving time and convenience!

- Easy!
- Productive!
- Orderly!
- Managing!

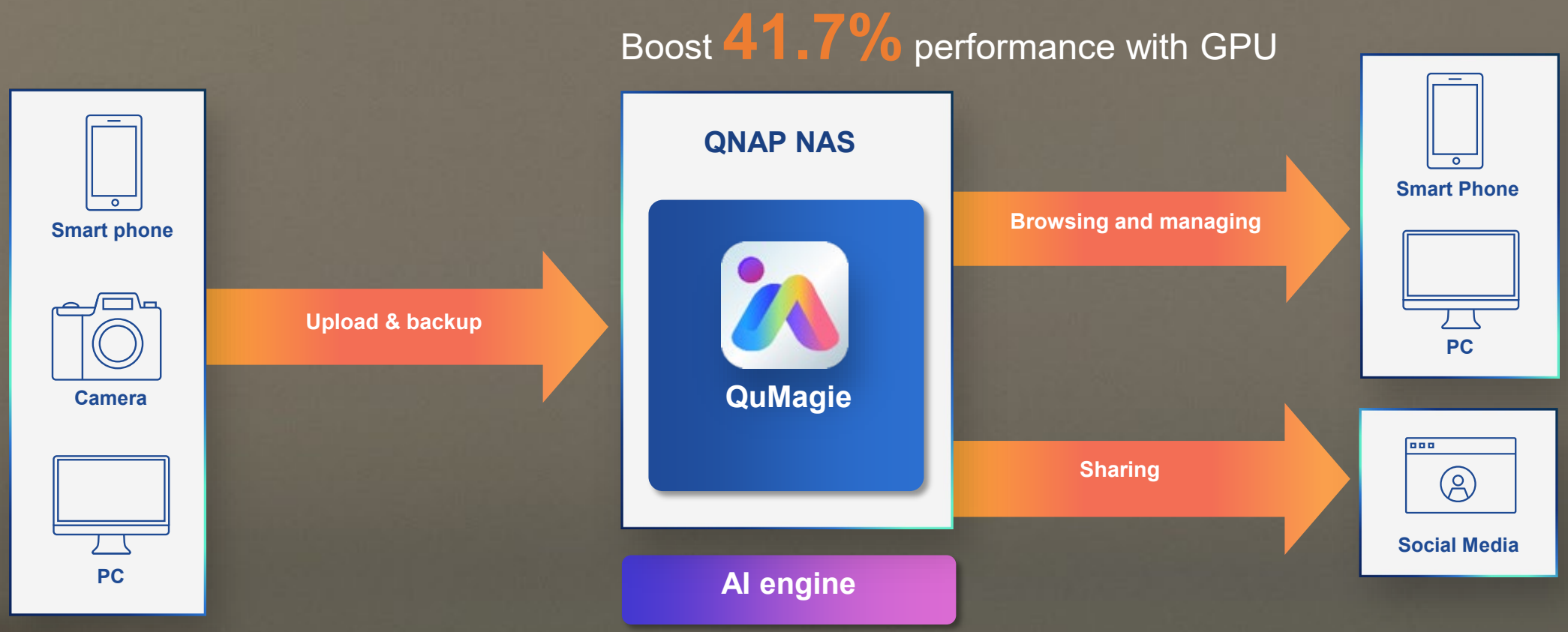
Qsirch

Just like a Google search! The powerful and powerful full-text search engine allows you to quickly find the files you need based on search criteria such as file creation/modification dates, keywords, and main colors in images.

Five kinds of advanced photo search: search by people, search by text in pictures, search by objects, search by color, search by map

QuMagie - AI Smart Album Backup a Management

QNAP has created AI photo and video management tools for NAS. It is equipped with a new AI engine to provide smarter backup photo, video management and sharing tools.



Integrated Home Media Entertainment Center
QTS diversified APP to meet your needs

High-performance multimedia audio and video playback and streaming platform

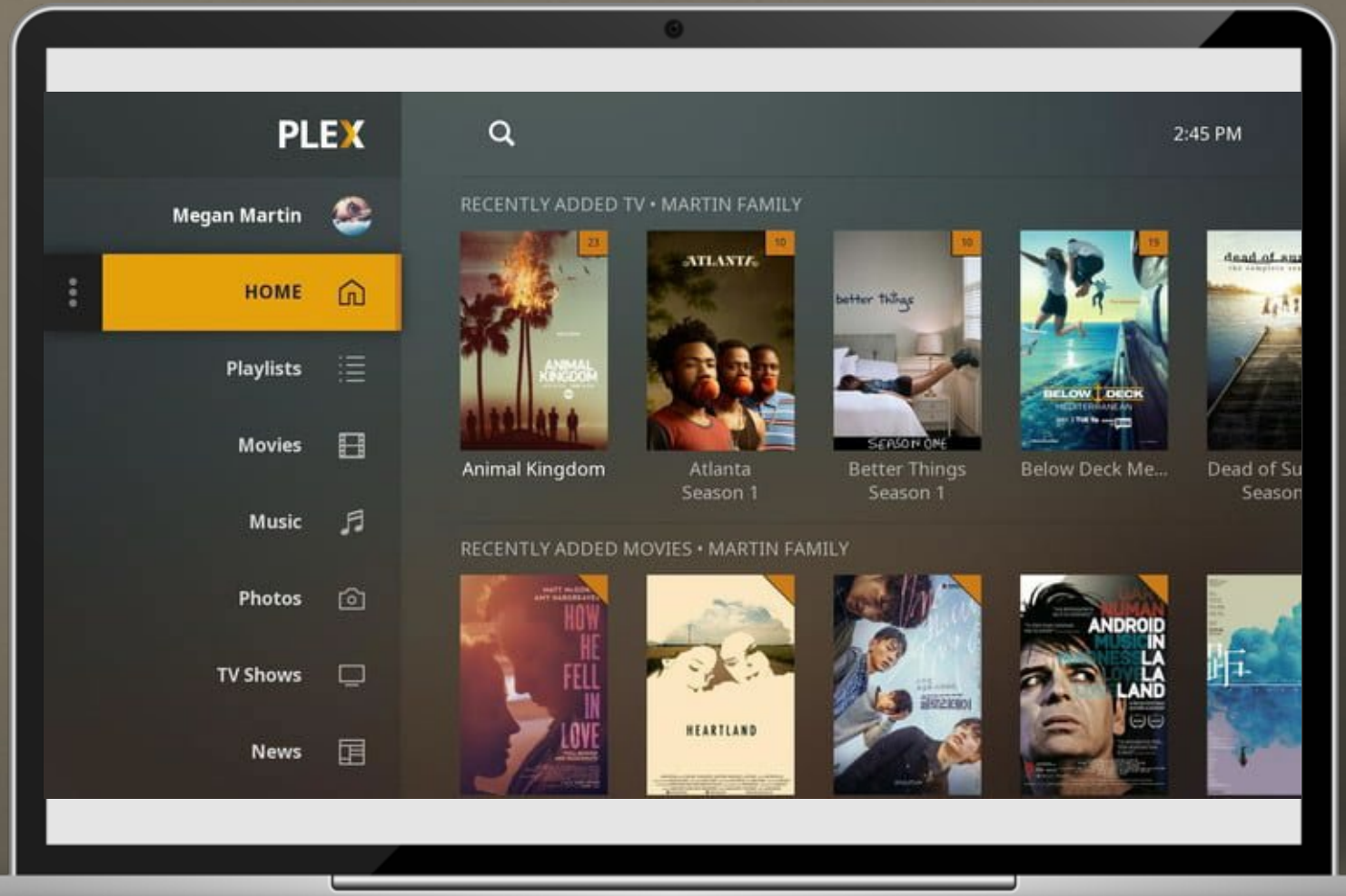
QuMagie AI smart album

Plex Server streaming and transcoding

CAYIN MediaSign Player
HEVC (H.265) real-time transcoding

Use Cinema28 to stream multimedia to AV playback devices in conference rooms

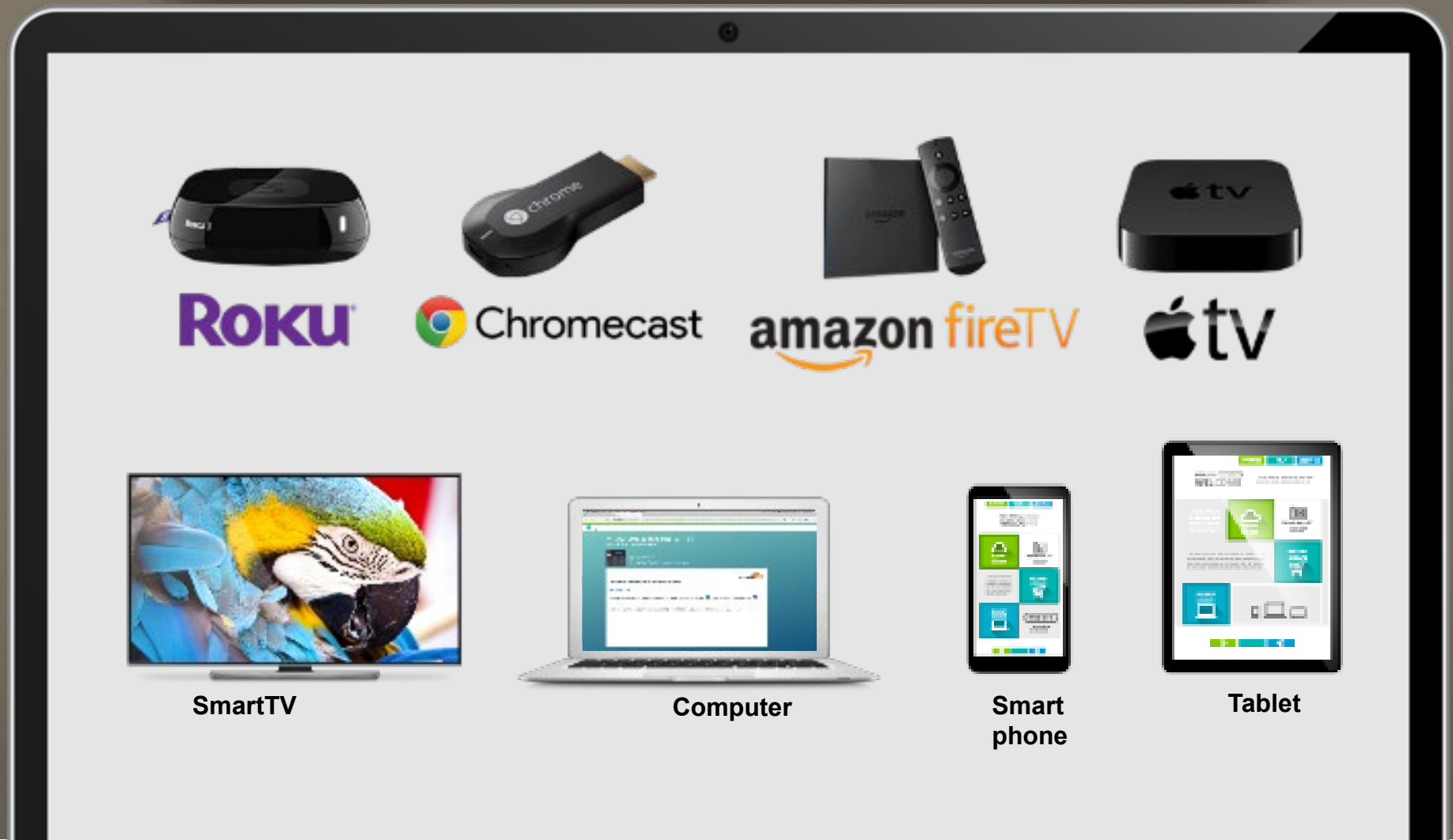
Build your personal multimedia library with Plex



PLEX

With Plex Server, you can easily turn your NAS into a multimedia center in your home. You can stream Plex directly on your TV, tablet or mobile phone and play multimedia files stored in the NAS.

Supports connecting and streaming to various TV boxes or mobile devices



Connect to TV, screen
Lots of probability through the HDMI output

HybridDesk Station

HybridDesk Station Applications

System Management

- QTS
- FileStation HD

Surveillance

- QVR Pro Client

Social media

- Skype
- Facebook

Multimedia

- HD Player
- Clementine
- Spotify
- TuneIn Radio

Multimedia management

- PhotoStation HD
- VideoStation HD
- MusicStation HD

Tools

- Chrome
- Firefox
- LibreOffice

Qbutton - toggle within a touch

Optional

RM-IR004 IR remote controller

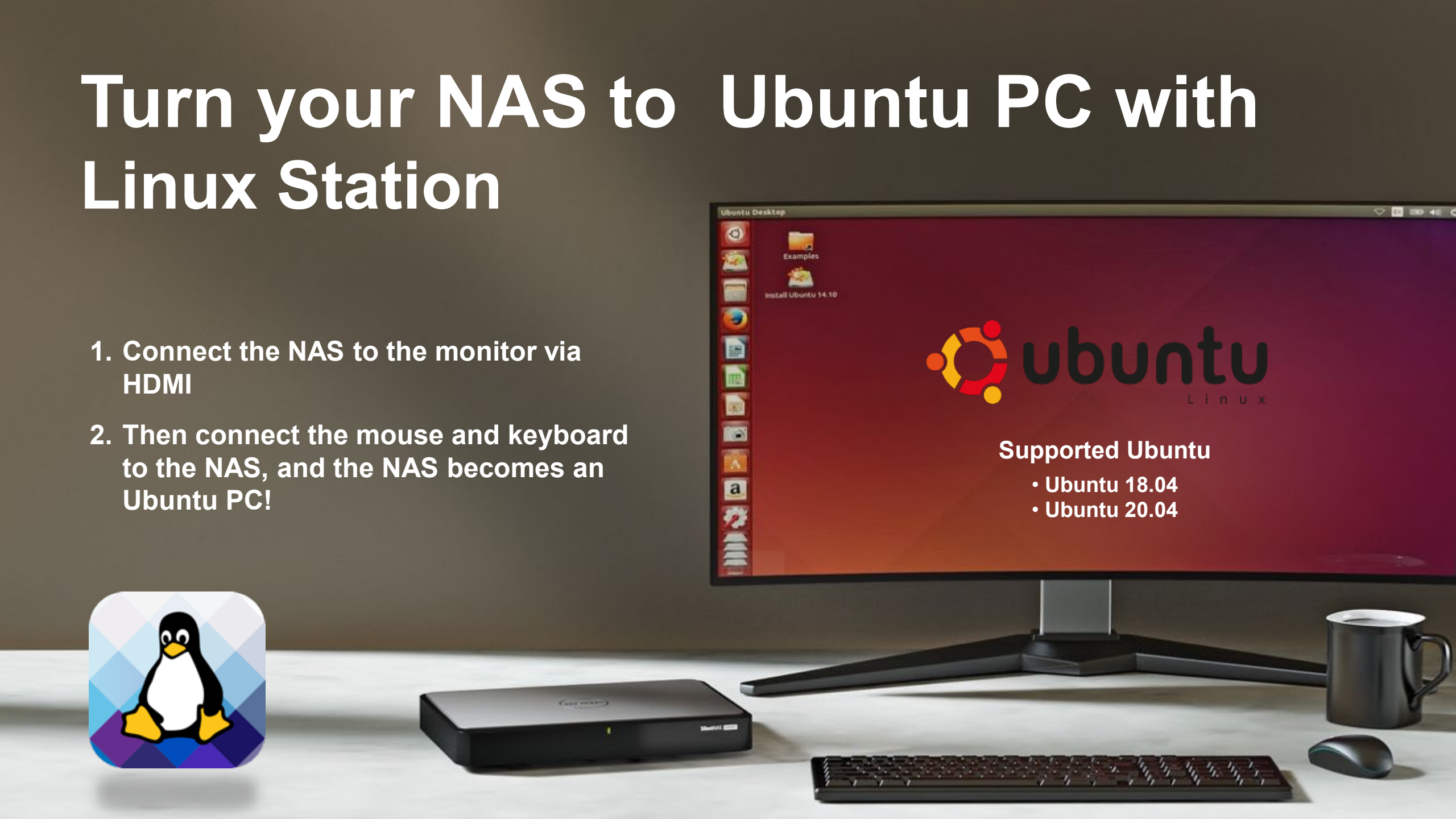
Play a list of your favorite songs and set other buttons to play the previous or next track

Watch the default Surveillance Station camera channels, start monitoring in seconds, and be safe

One-click restart or shutdown of the NAS, fast and convenient

Turn your NAS to Ubuntu PC with Linux Station

1. Connect the NAS to the monitor via HDMI
2. Then connect the mouse and keyboard to the NAS, and the NAS becomes an Ubuntu PC!



File Backup Solution

Back up your various data across platforms and devices

The importance of backup + how to prevent extortion

Is your digital data safe? How to keep data safe

Common Threats

While no one wants to lose their phone or crash their computer, life is full of surprises. If you regularly back up data to the NAS, the NAS can safely and centrally store your important data, and protect the data from accidents such as damage, disaster, hardware failure, and human negligence, and you will no longer have to worry about losing files.

Cyber security

There are complex security vulnerabilities hidden in digital devices and various types of information, coupled with the endless emergence of computer viruses and malware, information security threats are even more unavoidable.

Human error

Human errors such as accidental deletion of files/programs, misplacement of files, management errors, or unreadable file format errors occur almost every day.

Hardware failure

Computers, mobile phones, tablets, especially digital products such as hard drives, can fail due to factors such as overuse or aging, and people are caught off guard.

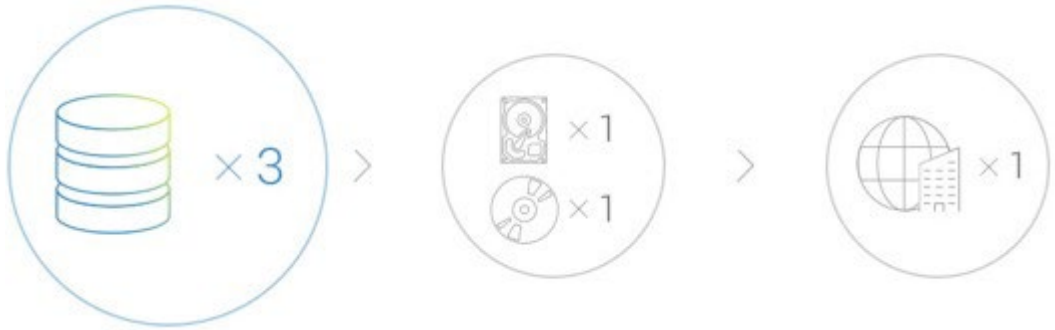
Natural disaster

Natural disasters (such as fires, earthquakes, floods, wind disasters, etc.) always come suddenly, and the probability that data may be lost or damaged during disasters cannot be ignored.

Backup 3-2-1, keep your data safe!

According to the "Data Backup Options" published by the United States Computer Emergency Readiness Team (US-CERT), from home users to professional organizations, any computer user should back up important data to avoid data Accidental loss or damage. However, just storing a backup file may not be enough! To increase the chances of recovering lost or corrupted data, it is recommended that you follow the 3-2-1 backup principle.

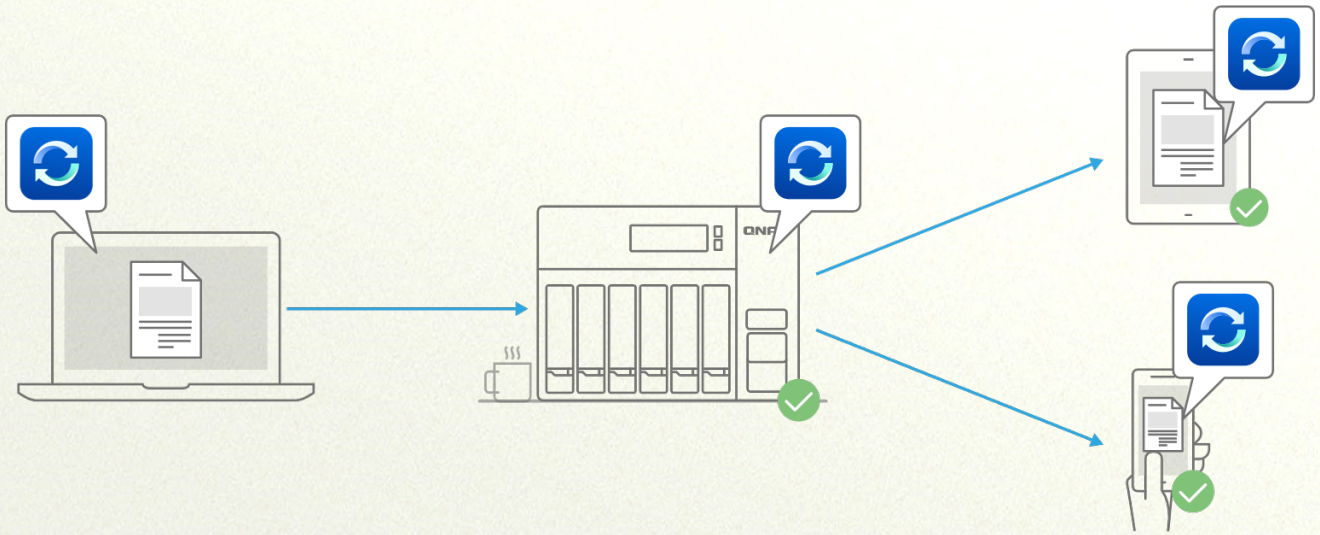
Important data should be backed up at least **3 copies**: 1 main file and 2 backup files.

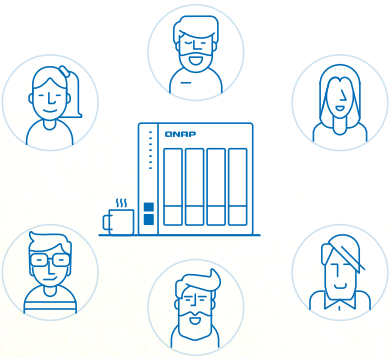


One of the backups is to be stored offsite (outside the home or business).

Archives are stored on **2 different backup** media to protect against various types of hazards.

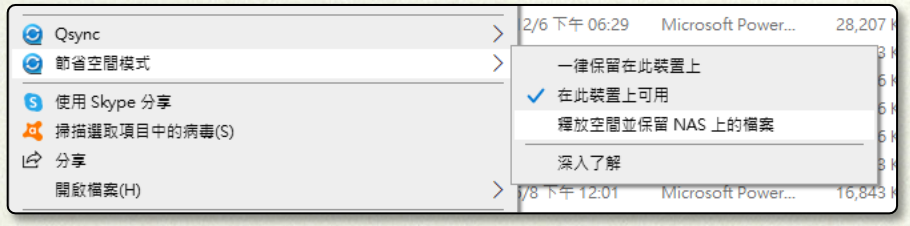
Qsync 5.0 cross-device file synchronization tool for personal and team collaboration

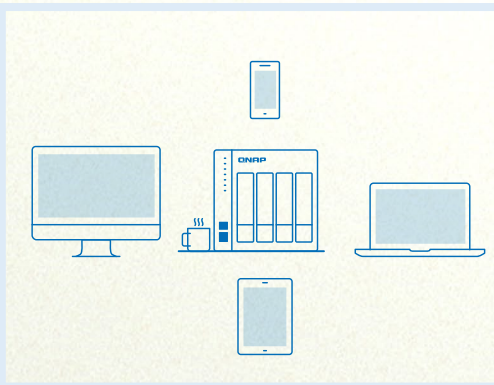




When team members collaborate and communicate, files can be automatically pushed to the binding devices of all members, making the workflow faster and collaboration smoother.

Windows &
macOS
Space saving mode!

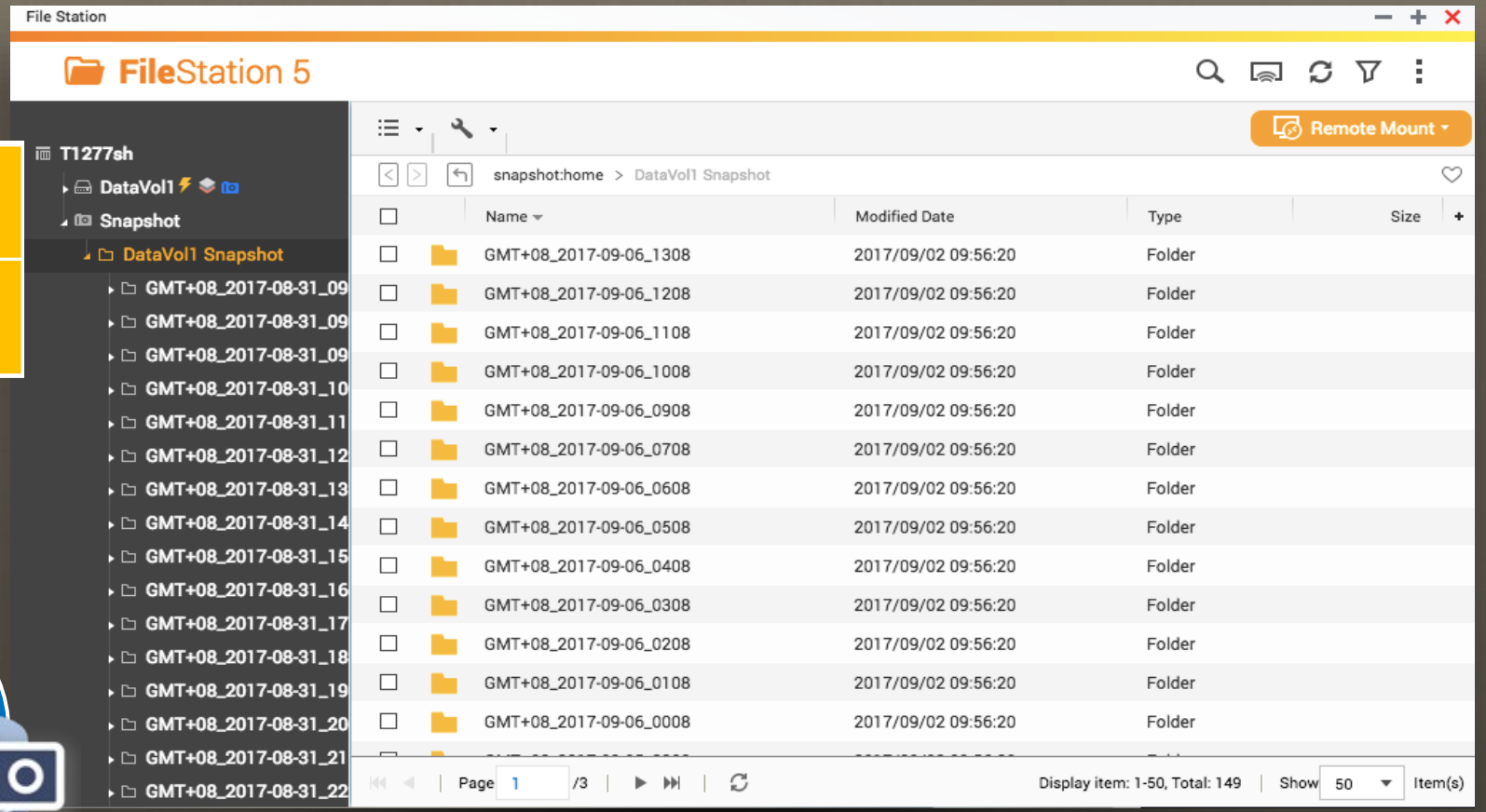




When there are different devices such as laptops and mobile phones, as long as the files are modified on a single device, the modified files will be automatically synchronized to other devices.

Most affordable enterprise-grade protection with up to 1024 snapshots

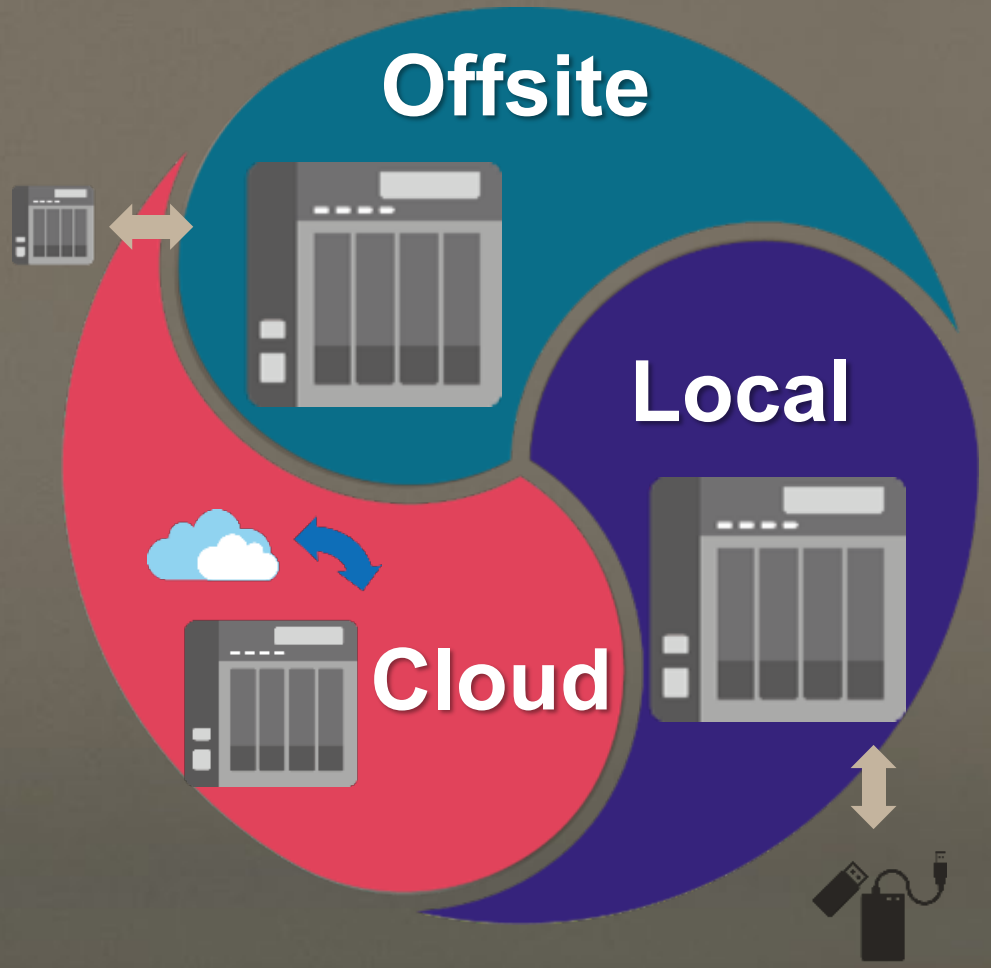
Max. snapshots per NAS	1024
Single volume/LUN Max. snapshots	256



Best Value Backup Choices

HBS3 offsite backup - multiple protection backup data

Hybrid Backup Sync
Hybrid Backup and Sync Center



Keep your NAS safe with these tools

Malware Remover

Checks for weaknesses and offers recommendations to secure your data against multiple attack vectors. It also integrates anti-virus and anti-malware software to ensure complete protection of your QNAP NAS.

Learn more: Security Counselor

Security Counselor

Regularly scan your NAS using the latest malware definitions. When under attack, infected files will be immediately removed to ensure NAS data security.

QuFirewall

Supports IPv6 and GeoIP, allowing you to configure your firewall to allow/deny specific packets and IP addresses from certain countries for safeguarding data and service security.

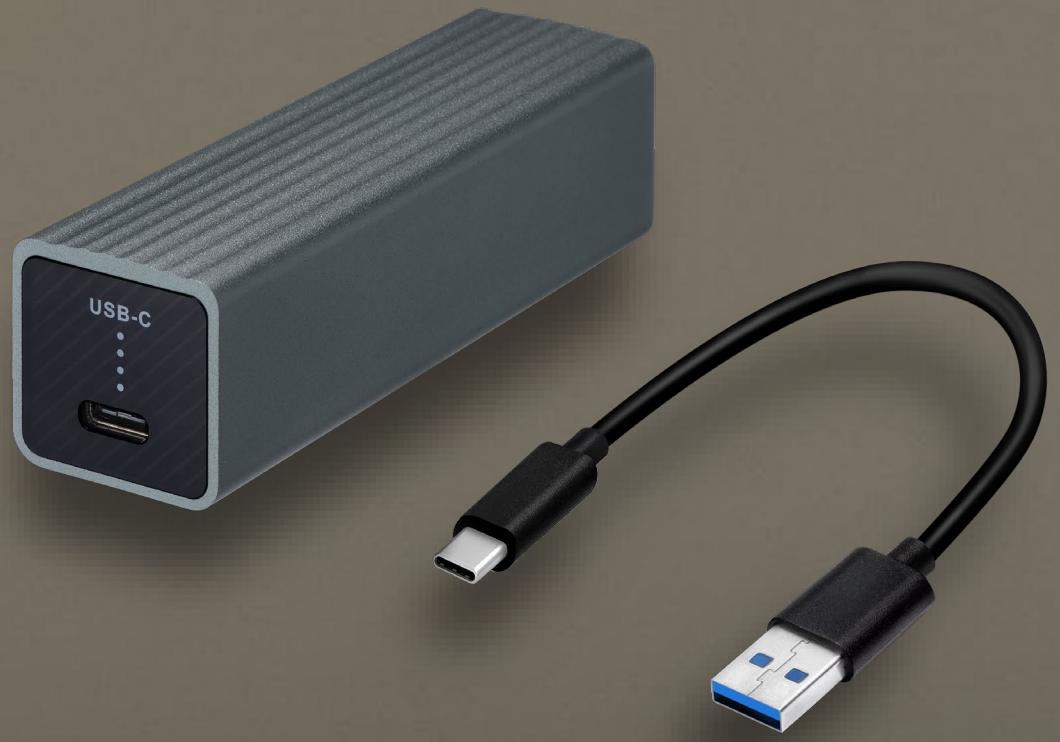
Learn more: QuFirewall

Expansion

Faster Ethernet or larger storage

QNA-UC5G1T

Upgrade to 5GbE instantly



Is 2.5GbE network enough? Quickly upgrade to 5GbE NBASE-T via USB, compatible with Cat.5e/6a network connection cables, quickly increase the transmission speed by 2 times

*A USB-A to USB-C cable is included in the package

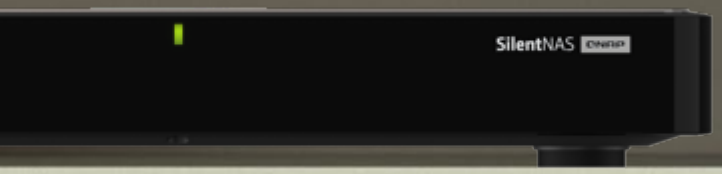
Storage：
TR-002 / TR-004 USB RAID enclosure

Provides economical hardware RAID storage expansion requirements

- NAS can access TR USB RAID storage expansion unit via USB port
- Built-in USB Type-C provides plug and play function, supports USB Type-A & Type-C host
- NAS supports up to 2 TR-002/TR-004 units

TR-002
USB 3.2 Gen2 10Gbps

TR-004
USB 3.2 Gen1 5Gbps



Comes with

USB 3.2 Gen2 10Gbps
Type-C to Type-A cable

Storage：TL-D800C USB JBOD enclosure

Provides economical USB 3.2 Gen2 10Gbps storage expansion requirements

- NAS can access TL USB JBOD storage expansion unit via USB port
- USB Type-C provides up to USB 3.2 Gen2 10Gb/s performance

Comes with

USB 3.2 Gen2 10Gbps
Type-C to Type-A cable

QNAP Product

is your best choice

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