

QNAP

Qsync 5.0

Space-Saving Mode

enhances file synchronization from
NAS to devices only when needed



Agenda

- 1** The latest changes of Qsync 5.0
- 2** Qsync Overview

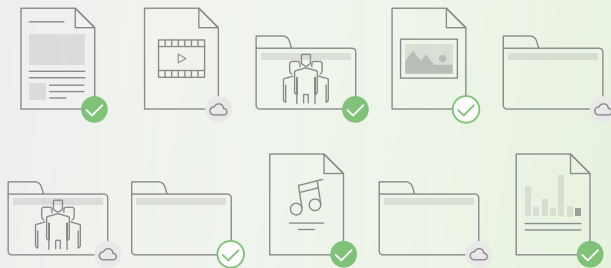


The latest release of Qsync 5.0

Windows & macOS space-saving mode!



Similar to Dropbox
SmartSync that is only
available to paid users.



File Explorer window showing a folder named "PPT for live broadcast" containing various PowerPoint files. The context menu is open over the file "20200916_TS-h2490FU_EN.pptx", and the "Space-Saving Mode" option is selected, showing a sub-menu with the following options:

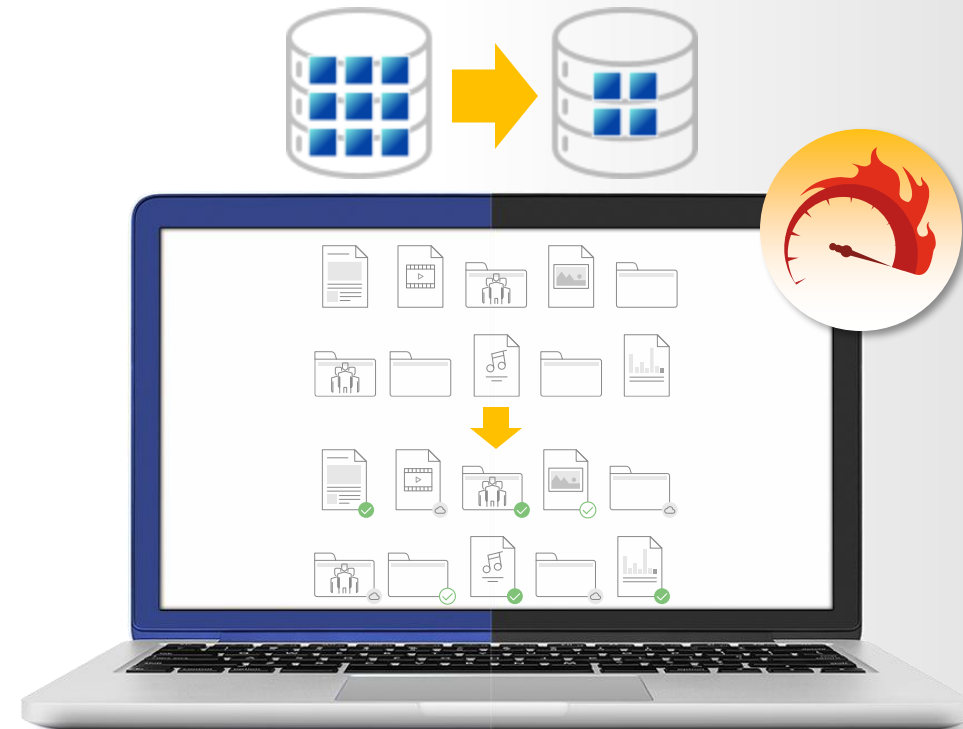
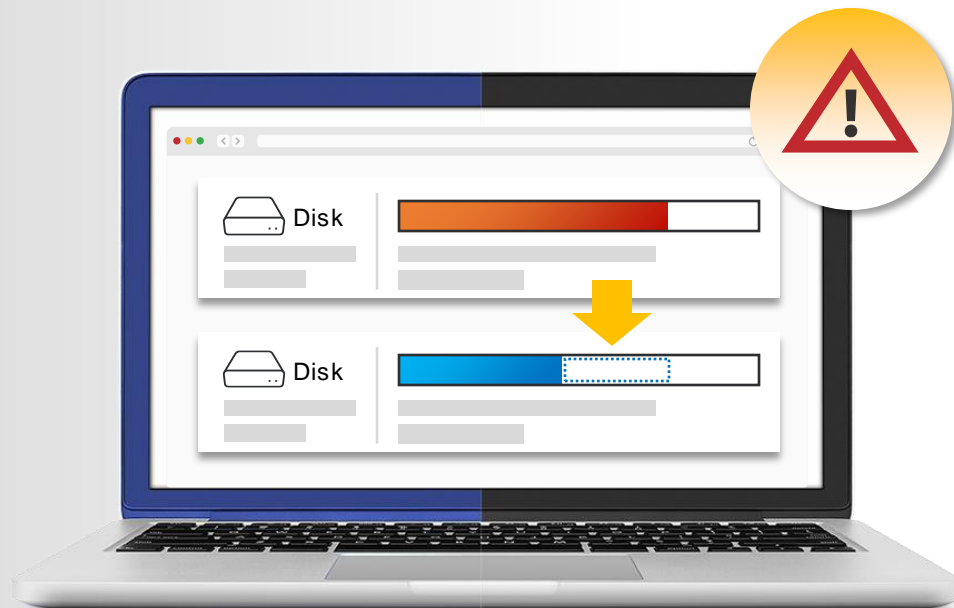
- Always keep on this device
- Locally available on this device
- Free up space but keep on NAS
- Learn more

The improvements made possible by Space-Saving Mode



No longer have to worry about your storage space on computers and laptops is not enough even have too much team data. The space-saving mode allows you to view all files in the paired folder but without synchronize to your devices.

For the projects with frequent data changes or the folders that are paired for the first time, there is no need to wait for synchronization to complete one by one. **Reduce unnecessary synchronization amount and speed up operation experience.**



Qsync 5.0

Qsync Overview



Why do you need Qsync?



My phone is almost full; do I have to pay for iCloud / Google Drive?
(The photo upload of Qsync iOS will be supported soon in next version, or let Qfile app instead before release.)

PC/laptop space is not enough but plugging/unplugging a portable hard drive is a hassle. And putting data on the cloud is not only slow but costs money for more space.

How can I synchronize my daily work to the NAS for safekeeping?

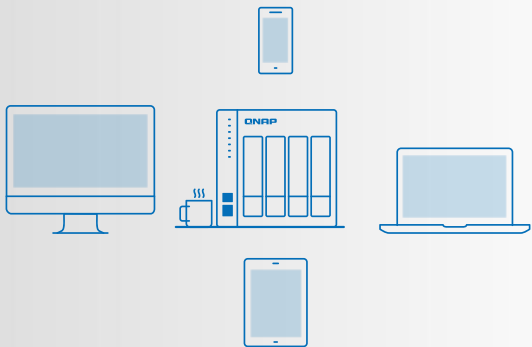
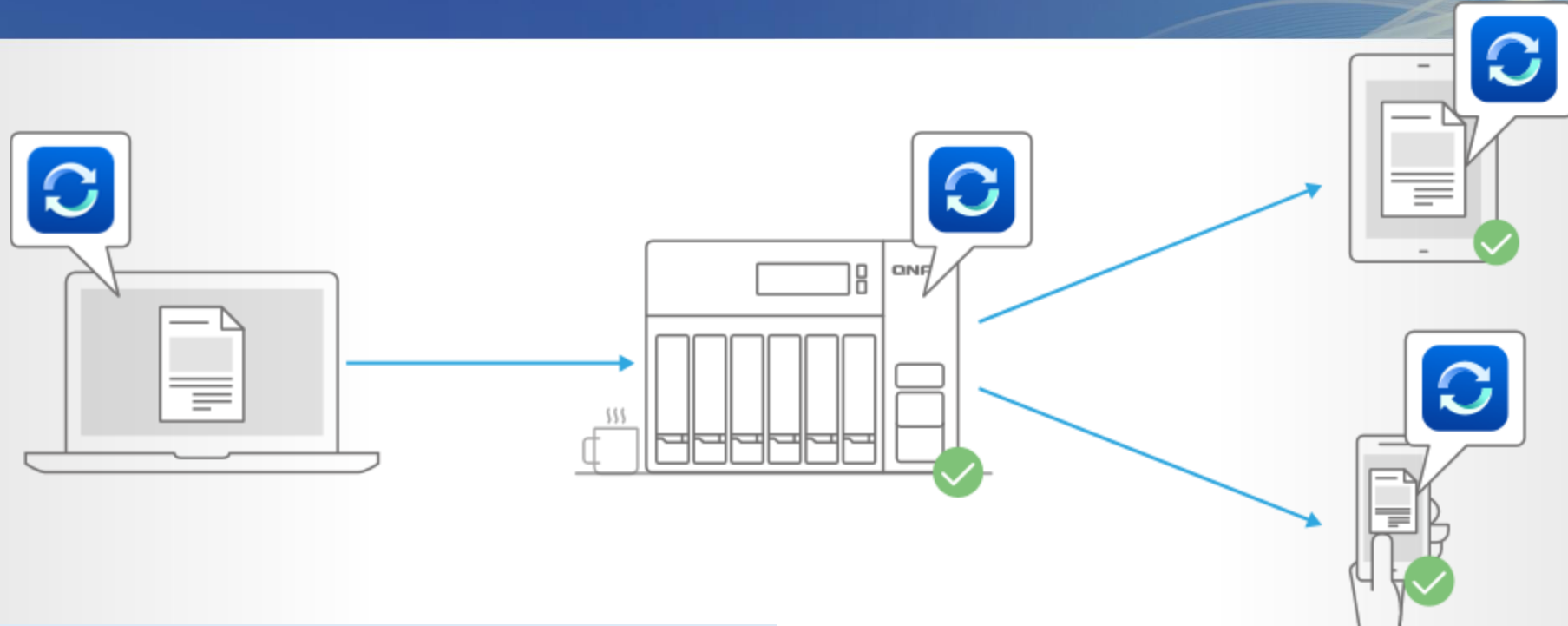
How can I pass the work I've done to colleagues for further processing?

My family always asks what to do when there is not enough space on their mobiles. Can my NAS be used by the whole family? How can I share travel photos with everyone?

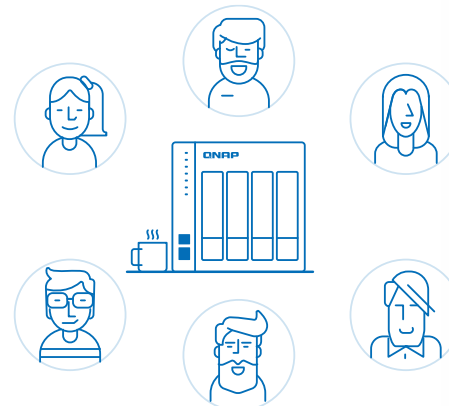
How can the team members synchronize their activities to the same place and share the entire data with everyone?



Cross-device file sync for individuals and teams



If you own many devices, any file changed on one device will be automatically synchronized with the others.



For team works, any file changed will be automatically distributed to your teams' devices, accelerating and streamlining your workflows.

User Scenario

Personal

Upload photos to NAS via Qsync, immediately saving storage space on your phone and easily sharing photos with your family and more friends.

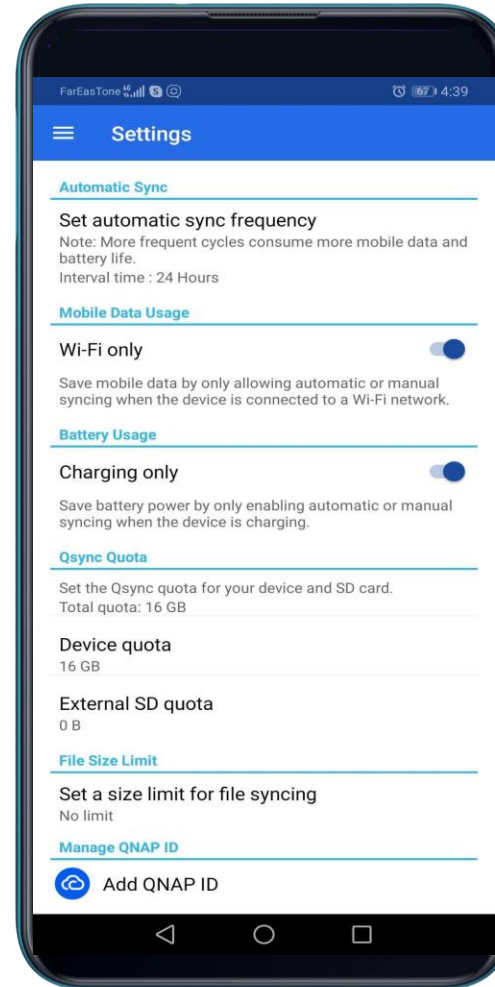
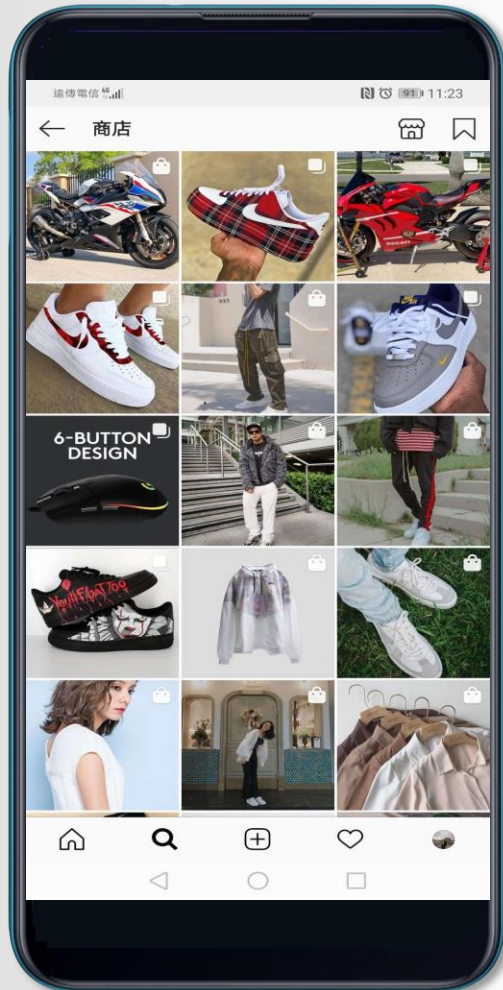


Individual user



Share with more friends

Tips for you



- 1 One-way sync
- 2 Smart delete
- 3 Power saving

Lower the sync frequency

WiFi only

Charging only

User Scenario

Family Sharing

Upload data to NAS through Qsync, immediately saving storage space of mobiles / computers / laptops, and also sharing various data / videos to your family and more friends.

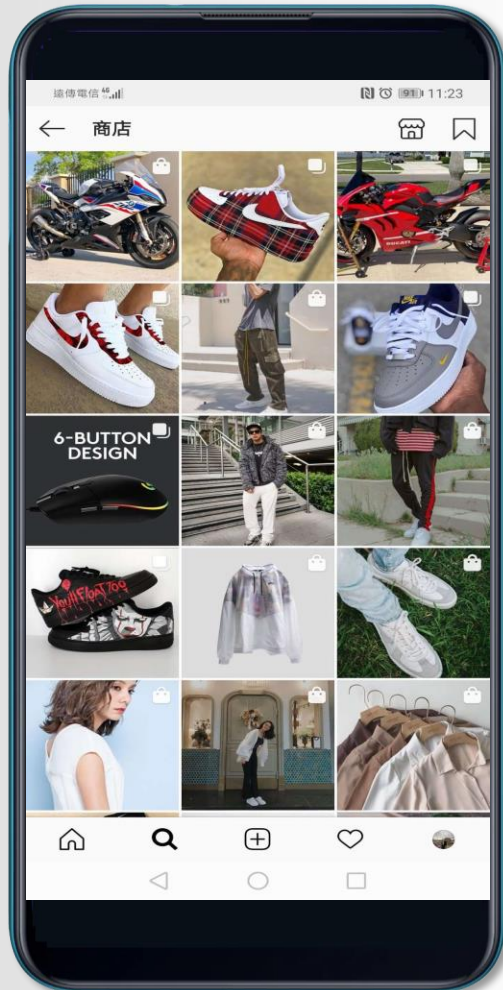


Do you still buy cloud space for each of your family members when their phone is running out of space?



Shared space for family

Tips for you



**Speed &
Flexibility**



Everyone has his / her personal Qsync folder

Create a Team Folder for the whole family

Create a share link (file/folder) at any time to provide information to friends who is not a NAS user

Use with other apps to provide you a powerful photo management



Data upload /
synchronization:
fast and convenient
sharing.



Real-time organize
photos automatically

Perform advanced
searching and
indexing for your data

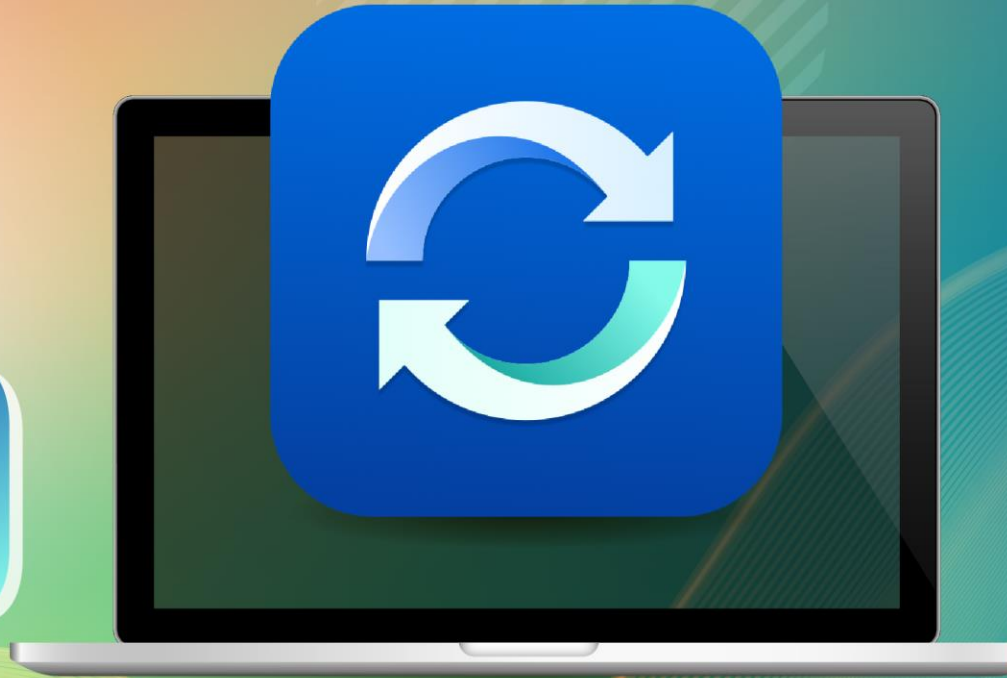


AI-powered photo
management;
face/objects intelligent
auto-organization



Qsync 5.0

**LIVE
DEMO**



Use Case: Sync daily work

How can I synchronize my daily work to the NAS for safekeeping?



Sync Personal data

- You could sync data to a shared folder or your personal home folder.
- Supports the sub-folder of a shared folder or the Qsync folder.

Sync teamwork

- It's more convenient to use the group folder in the Qsync folder.
- You can also limit the access to specific users (only to your supervisors, for example).

The screenshot displays the Qsync Central web interface. The left sidebar contains navigation options: Overview, Management settings, Users, Devices, Shared Folders, Team Folder (selected), Shared File Links, Version Control, and Event Logs. The main content area is titled 'Team Folder' and includes a '+ Share a Team Folder' button. Below this is a table with columns for Folder, Path, Owner, Receiver, Status, and Action. The table lists two folders: 'Daily Work' and 'Film cut'. The 'Daily Work' folder is shared with 'Local Users' (admin) and contains 4 files: 'Fanny', 'Ian', and 'Zoe'. The 'Film cut' folder is also shared with 'Local Users' (admin) and contains 2 files: 'Ian' and 'Sam'. The interface also shows a pagination bar at the bottom indicating 'Page 1 / 1' and 'Display item: 1-2, Total: 2'.

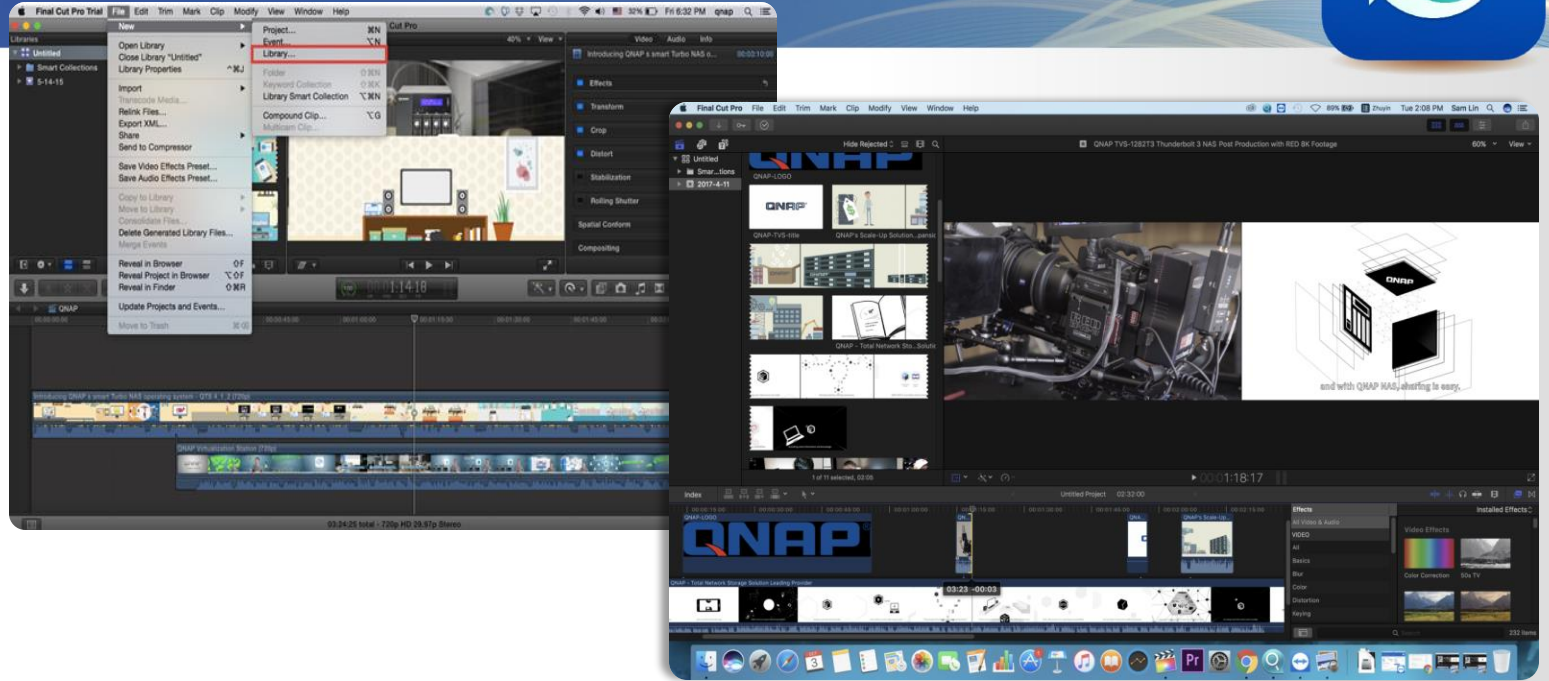
Folder	Path	Owner	Receiver	Status	Action
Daily Work	Qsync	admin	Total:4 "Fanny", "Ian", "Zoe"	Sharing	
Film cut	Qsync	admin	Total:2 "Ian", "Sam"	Sharing	

Use Case: How does the post-production team work

How to hand over the work I have done to my colleagues for the next process



Set the Team folder for your partner responsible for the next process.



Sam:
Editing

A yellow folder icon with the text 'Film cut' inside.

Ian:
VFX

A yellow folder icon with the text 'Animation' inside.

Lisa:
Color Grading

A yellow folder icon with the text 'Color Correction' inside.

Alan:
Sound

A yellow folder icon with the text 'Audio' inside.

Zoe:
Subtitle

A yellow folder icon with the text 'subtitle' inside.

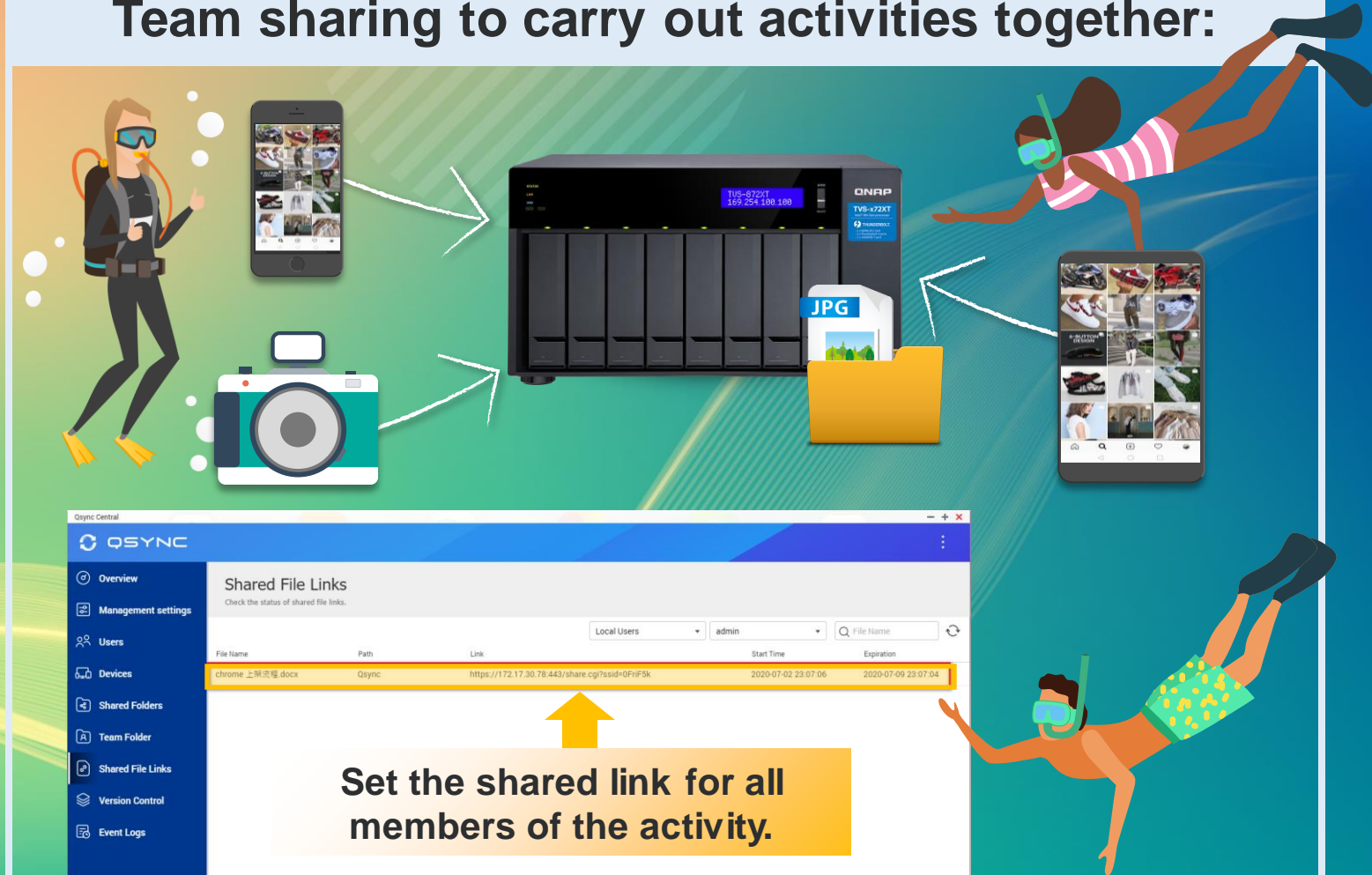
Scenario: New shared activity mode

(e.g. Diving & Snorkeling)

Traditional Activity:



Team sharing to carry out activities together:



Centralized Management & Easy Deployment

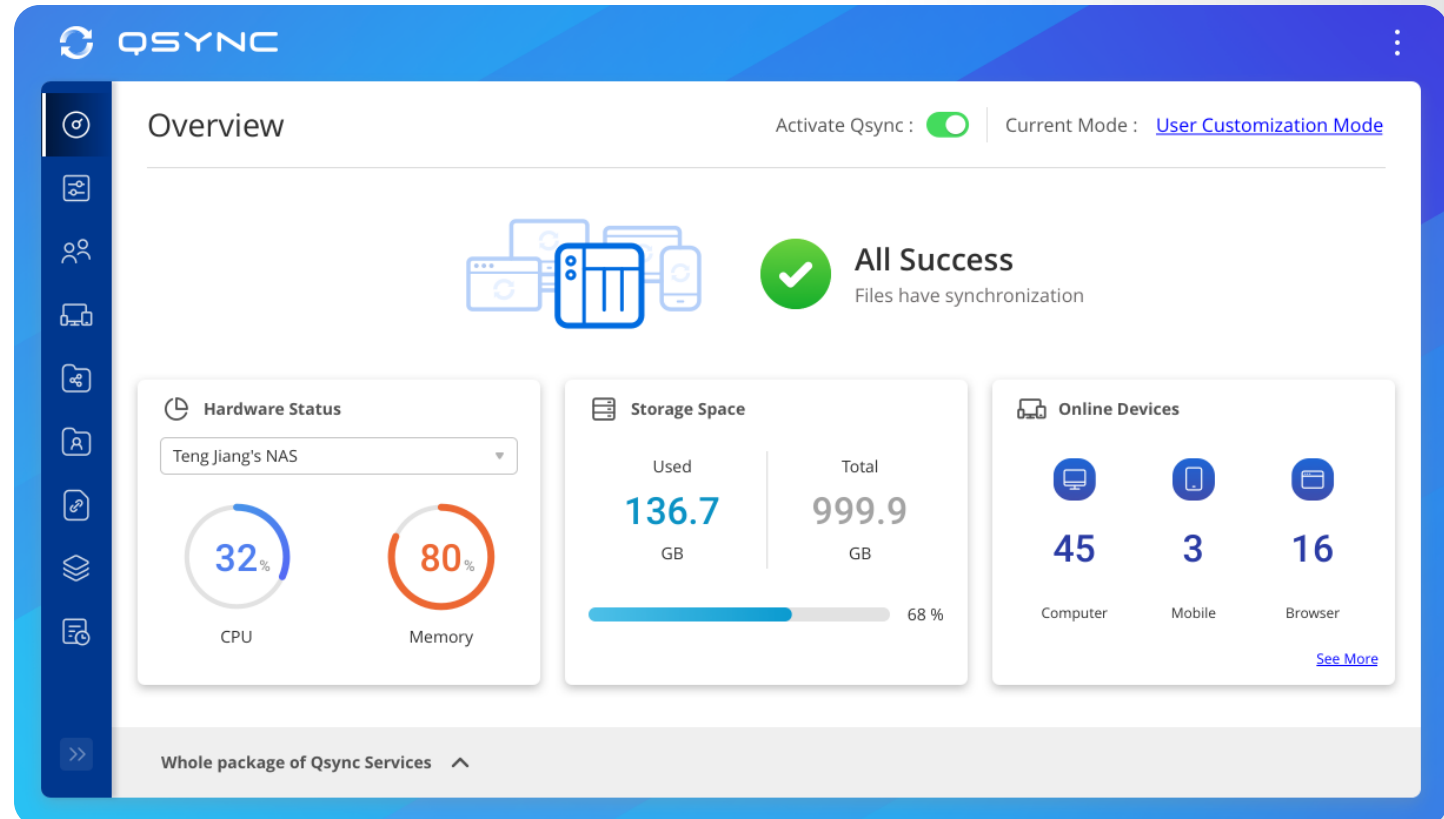


No need to set machines one by one: we provide the flexible configuration and allow users to set their own permissions.

Synchronize rule

Filter setting

Conflict Policy



Safe file sync, version control & remote erase



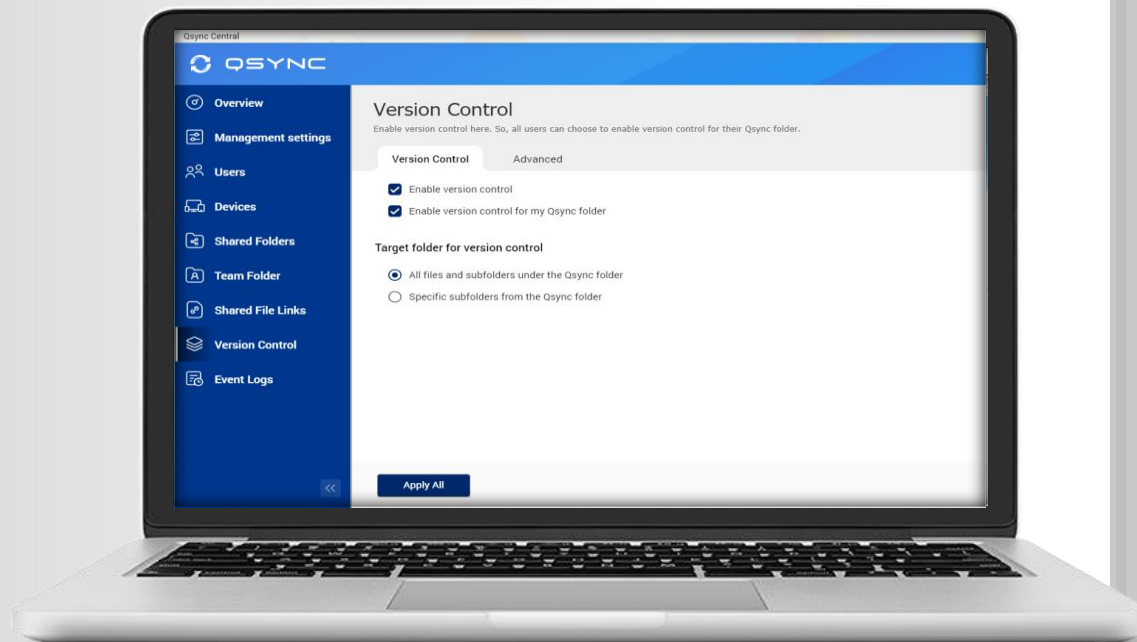
IT manager

Easy to deploy and manage



User

Easy to use and could be reverted



- **Version Control (only available for Qsync folder but not for shared folder)**

User could revert the file back to the previous versions.

- **Remotely Erase device**

The manager could remotely erase the sync files of the device via Qsync Central if a user loses his/her device.

- **Central Management: Shared Folder/ Team Folder/ Shared Link**

IT manager can easily confirm the assignments and permissions of all shared folders and team folders, as well as the status of shared links.

Team Folder: Increase collaboration efficiency



User could create and share the team folder

(Only for Qsync folder)

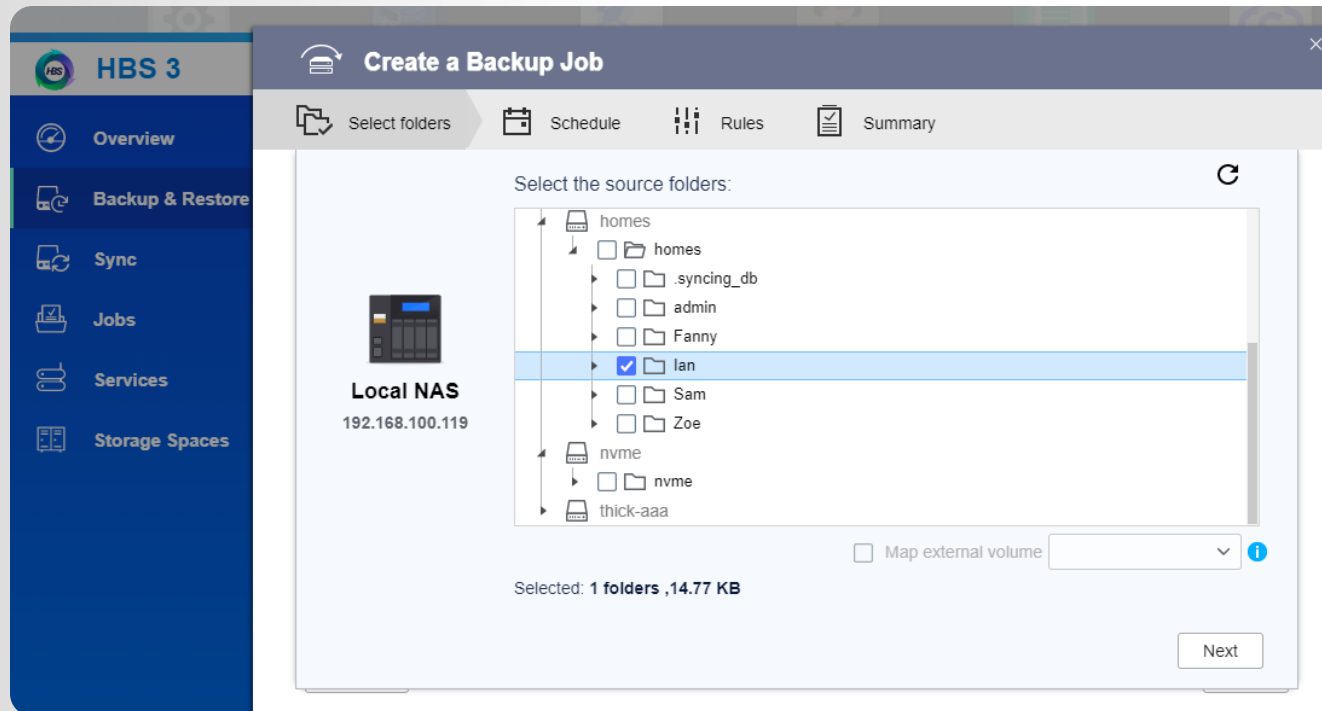
- **Cross-departmental teamwork, share the customer and vendor's files simultaneously.**
- **No need to ask for IT creating the new shared folder, flexible to create the team folder for other users that increase collaboration efficiency and reduce management difficulty.**



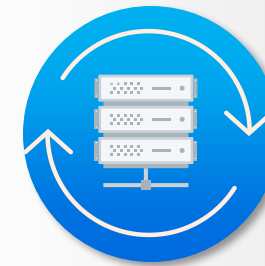
How to back up your Qsync data



HBS 3 (Hybrid Backup Sync)



Local



Remote



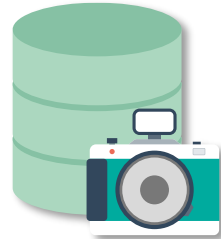
Cloud

Select the personal folder under "homes" folder.
(includes Qsync)

With advanced NAS features, your Qsync data also benefits



RAID
Protection



Snapshot
Avoid ransomware



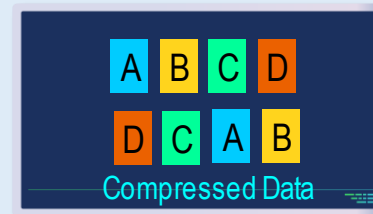
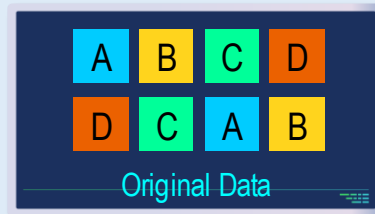
Qtier, SSD Cache
Higher performance



Hybrid Backup Sync
more backup more protection



With QuTS hero, help you reducing more storage space



Compression



Deduplication

Utility & Mobile support sub-folder / one-way / two-way synchronization



- **Sub-folder**

The user can set up synchronization in the sub-folder, but notice that when the sub-folder is set, this device cannot set to the upper layer (parent layer) and the next layer (child layer) as sync folders.

- **One-Way sync**

Upload from device: The device is the source side and always get the latest data.

Download from NAS: Announced information to all member.

- **Two-Way sync**

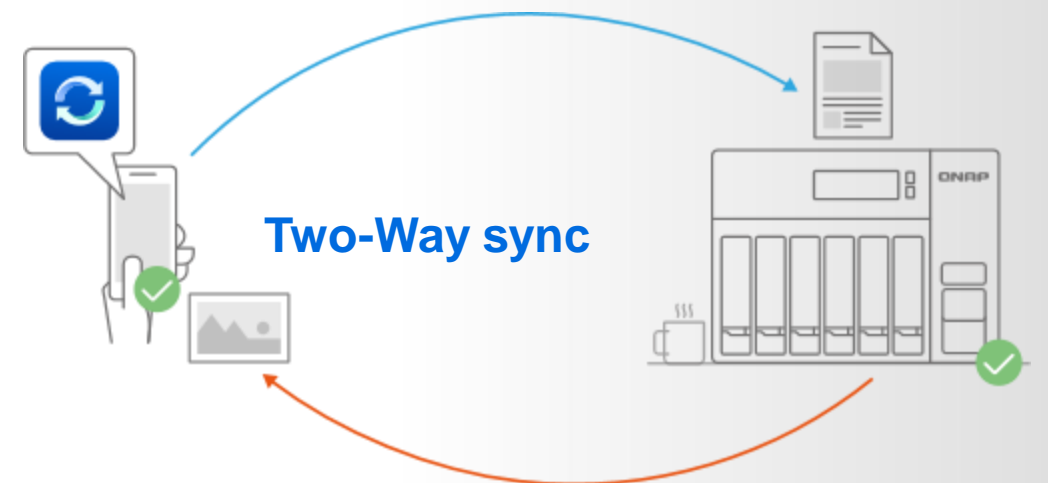
Standard synchronization process, both side will be the same.

- **Filter setting on device side**

Specify the file extensions which users don't want to sync.

- **Smart Delete**

User could remove the local file but still keep those copies on the NAS to save the local storage space.



Windows/Mac utility support the space-saving mode



Files on-demand and self-activated on low storage

- For Win users, turn on Storage Sense in Storage Settings.

Windows



- For macOS users, configure the setting of space-saving mode of Mac Qsync, and set a periodicity schedule to free up space.

macOS

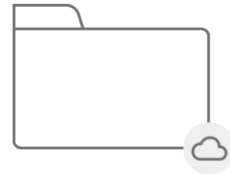
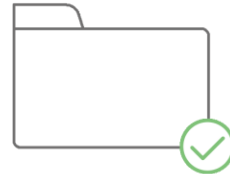
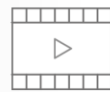
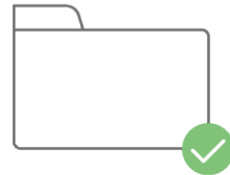
(coming soon)



Always available

Always keep on this device

These Always Available files download to your device and take up space, but they are always there for you even when you are offline.



Status changing



Locally available

Locally available on this device

These Locally Available file can be seen and edit on your PC, and also take up space. Users can manually or automatically change a file back to NAS-only if not enough space.



NAS Only

Free up space but keep on NAS

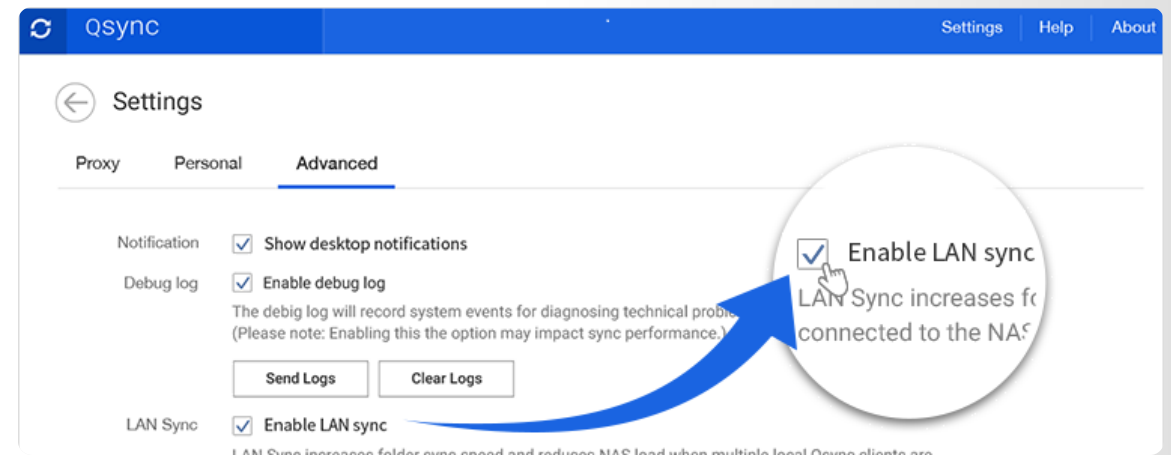
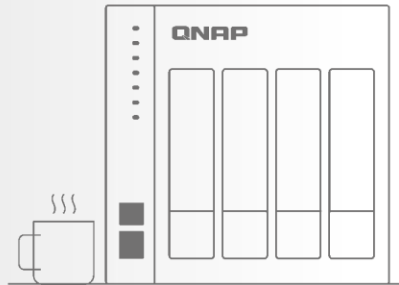
You can see the files/ folders on your computer, but the files/folders do not take up space. The file is not downloaded to your device until you open it.

Start LAN sync to accelerate synchronization works



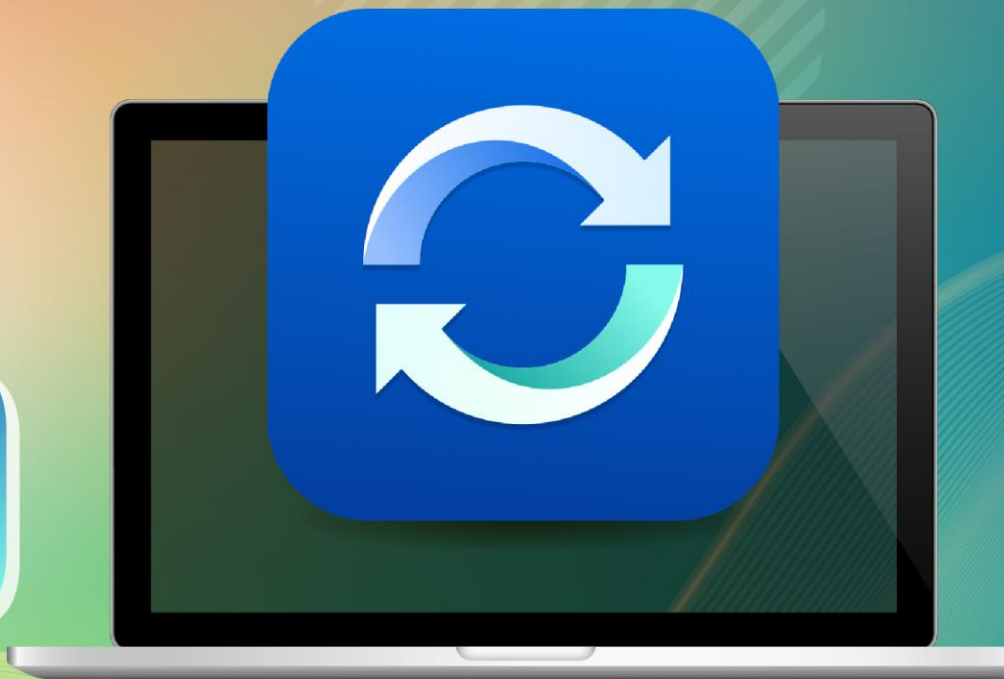
LAN sync

This feature could increase the synchronization efficiency when many Qsync clients in the same LAN are connected to the same NAS.



Qsync 5.0

**LIVE
DEMO**



How to choose the right NAS?



	Users	Processor	RAM	SSD Cache	Network
Home	1-10	Intel Celeron Dual core	1~4G	Nice to have	1GbE / 2.5GbE / 10GbE
SOHO	11-50	Intel Celeron Quad core	4G	Nice to have	1GbE x2 / 2.5GbE / 10GbE
SMB	51-200	Intel Core i5 Quad core	16G	Yes	10GbE x2 (Port Trunking)
SME	201-500	Intel Core i7 Quad core	32G	Yes	10GbE x2 (Port Trunking)
Enterprise	501-1000	Intel Xeon 4-core	64G	Yes	25GbE~
Enterprise	1001-2000	Intel Xeon 8-core	128G	Yes	25GbE x2 (Port Trunking)
Enterprise	2001 and more	Intel Xeon / AMD EPYC 8-core~	128G~	All-Flash Array Recommended	25GbE x4 (Port Trunking)

Recommended models



TS-453D

- 4 bay (4 x 3.5")
- Intel® Celeron® J4125 quad-core 2.0 GHz
- 4 & 8 GB RAM



TVS-872XT

- 8 bay (8 x 3.5")
- Intel® Core™ i5-8400T 6-core 1.7 GHz
- 16GB RAM



TS-h1283XU

- 12 bay (12 x 3.5")
- Intel® Xeon® E-2236 6-core 3.3 GHz
- Max 128GB RAM

QuTS hero edition
TS-h1283XU-RP



TS-h2490FU

- 24 bay (24 x 2.5")
- AMD EPYC 7302P 16-core 3.3 GHz
- Max 4TB RAM

QuTS hero edition



QNAP

Qsync 5.0

Your Best Choice!

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