TS-873A + QSW-1105-5T Bundle Pack



Brand: QNAP

Product Code: TS-873A + QSW-1105-5T

Bundle Pack **Availability:** 10 **Weight:** 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Price: 70,000.00EGP

Short Description

TS-873A 8-Bay AMD Ryzen Quad-Core 2.5GbE NAS with QSW-1105-5T 5-Port 2.5GbE Unmanaged Switch

Description

Bye-bye Gigabit, hello 2.5GbE.

Gigabit Ethernet isn't fast enough to unleash your 2.5G LAN and WAN devices. Upgrade to a 2.5G switch now!

ISPs offer Multi-Gig internet for homes

Many ISPs have started delivering multi-gigabit fiber to the home (FTTH) customers, providing speeds exceeding that of standard gigabit ethernet.

Multi-Gig enables Wi-Fi 6

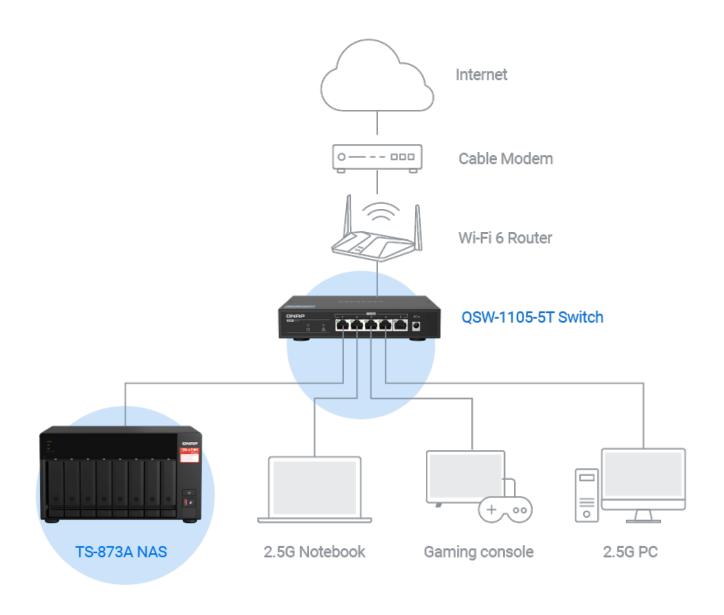
Wi-Fi 6 (802.11ax) routers or APs require multi-gig network devices to unleash optimal wireless performance.

PC / laptops adopt 2.5G ports

Modern PCs and laptops have adopted 2.5G ports to fulfill high-bandwidth demands of streaming, video calls, gaming, and other modern web services.

Make your work and life smooth with the high-speed Switch and NAS

QNAP helps you upgrade to a high-speed network and data storage center in your home or office, providing a full 2.5G network experience.



Flash sale! QNAP's most cost-effective 2.5GbE solution

Why 2.5G? Cost-effective high-speed option.

If you can't budget a 10GbE upgrade at this time, the more affordable 2.5GbE provides a notable improvement in current Ethernet speeds. Use existing CAT5e cables to upgrade 2.5GbE network without stretching your budget.

Why QNAP 2.5G solution? More cost-effective solution.

The lack of consumer-grade switches has made it hard for home and personal users to adopt 2.5GbE/5GbE networking. QNAP now offers cost-effective 2.5GbE switches, helping you to transform your home network at a wallet-friendly price.

Why now? The most cost-effective timing.

QNAP now hosts a flash sale for the 2.5GbE NAS and Switch Bundle. Buy now!

Limited-time offer for bundle discounts! Experience 2.5GbE network now.

TS-873A AMD RyzenTM Quad-core multi-tasking 2.5GbE NAS

TS-873A not only provides a secure and reliable storage solution for backing up all your files, but also supports running multiple VMs and containers for diverse applications.

Two 2.5GbE ports can be combined for bandwidth for up to 5Gbps!

Multi-tasking AMD RyzenTM 4-core/8-thread 2.2 GHz processor

8GB RAM, supports up to 64GB RAM (ECC memory also supported)

Supports entry-level graphics cards to boost performance for video transcoding or VM output

Install two M.2 NVMe SSD (sold separately) for faster data accessing or image recognition

Three USB 3.2 Gen 2 (10Gbps) ports and one USB 3.2 Gen 1 (5Gbps) port allow faster backup to/from USB devices

Add an additional twenty-four hard drives by connecting to multiple storage expansion units

Smart storage • Simple backup • Easy management

TS-873A helps you easily back up, search, share and manage all your files and data. Super!

Storage protection

RAID protection

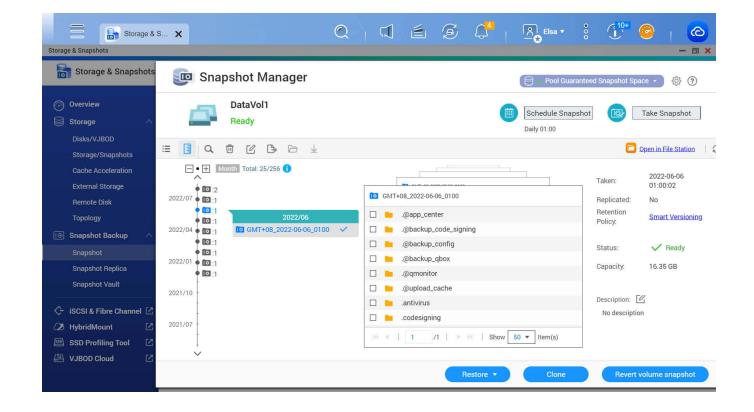
QNAP NAS supports various <u>RAID types</u> that provide varying levels of performance and data redundancy.



TS-873A NAS

Volume and LUN snapshots

<u>Snapshots</u> record the complete status of your NAS system and data. Certain data and files can be reverted when needed. It's the best way to recover your files from ransomware.



Flexibly expand storage space

The TS-873A supports a storage capacity of up to 154 TB by installing eight 3.5-inch 22 TB hard drives in RAID 5. By connecting to <u>QNAP storage expansion units</u>, you can add additional storage space to meet growing storage requirements.

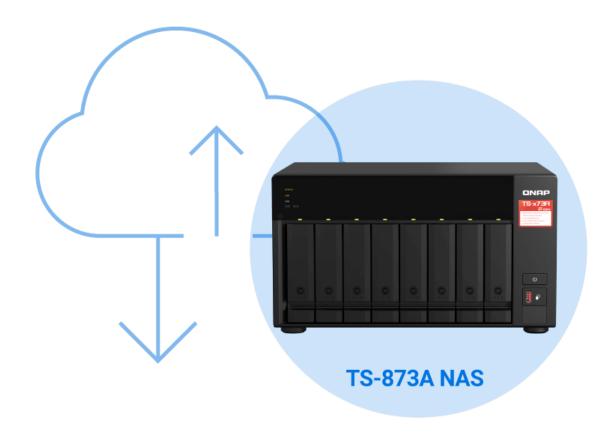


TS-873A NAS

TL-D1600S

Mount cloud storage

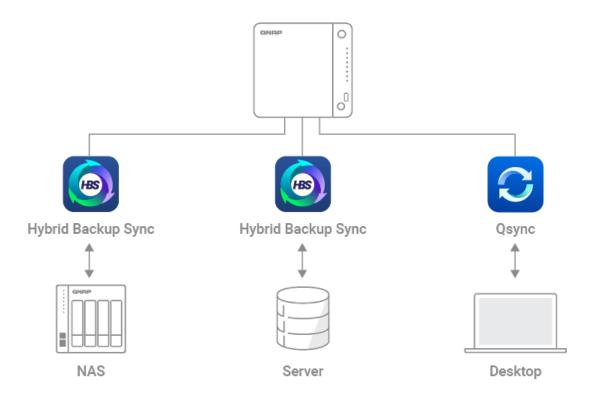
HybridMount allows you to mount cloud storage and file servers on your NAS and centrally manage file access. Local caching for cloud data can be enabled to provide near-LAN access speeds.



Diverse backups

Back up devices

Easily back up from PC/Mac or File servers supporting Rsync, FTP and CIFS to NAS. Then use Hybrid Backup Sync to back up data to another remote NAS or cloud based on the 3-2-1 backup rule.



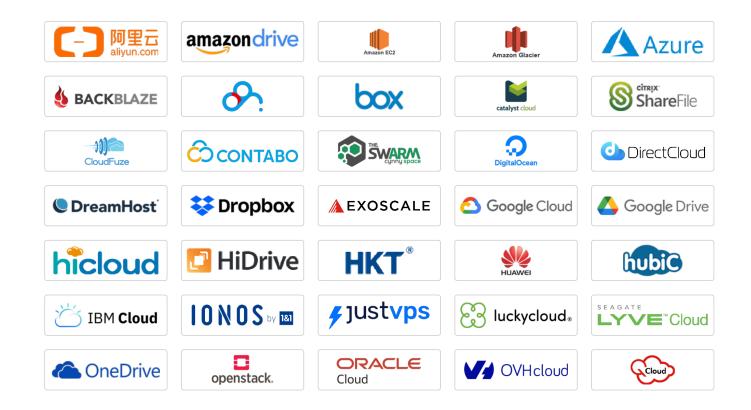
Back up services

Back up diverse services to NAS, including <u>VMware® and Hyper-VTM VMs</u>, <u>GoogleTM Workspace and Microsoft 365® business account data</u>, <u>WordPress</u> and <u>Google Photos</u>.



Back up NAS data to the Cloud

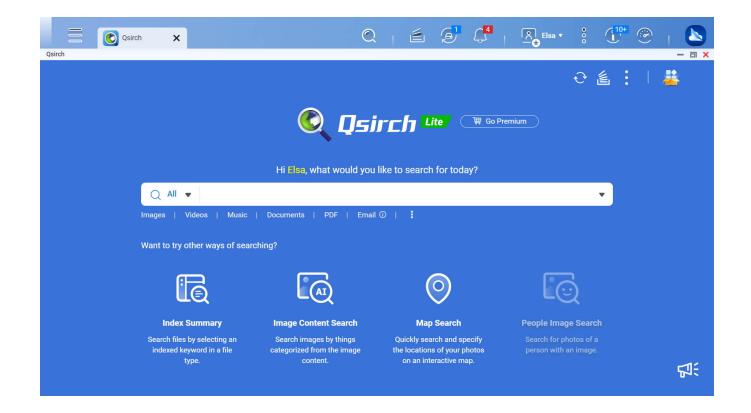
Hybrid Backup Sync supports mainstream public cloud services for backing up or syncing data from NAS to Cloud.



Boost production efficiency

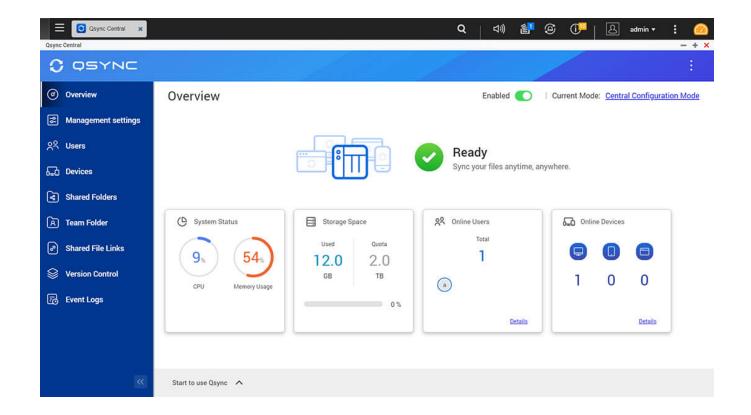
Search NAS files quickly

Powerful <u>Qsirch</u> full-text search engine allows you to quickly find documents, media files, and emails using keywords, colors, or faces. AI OCR image recognition technology recognizes and captures text inside images.



Auto-sync files

Osync allows you to sync files between NAS and multiple computers or mobile devices via one-way or two-way sync.



AI photo management

Large-capacity NAS leverages the powerful AI photo management app <u>QuMagie</u> and creates smart photo albums based on people, objects, locations, and events, making photos easy to find and share.



QTS 5 empowers VM, surveillance and cybersecurity deployment

The QTS 5 operating system provides a next-generation data storage usage experience with optimized user interface.

Run VMs and containers

By running multiple virtual machines and containers on the TS-873A, you can deploy multi-tenant environments and applications to increase management efficiency and reduce hardware costs.

Predict drive life with AI

QNAP's AI-based drive health analysis technology, and automatic RAID disk replacement with spares, ensures a reliable storage environment.

All-in-one surveillance

QNAP's integrated surveillance NAS solution offers a subscription licensing solution or perpetual licensing solution for flexible deployment based on your needs.

nhanced data security

QVPN Service enables secure virtual private network (VPN) connections between NAS and devices. Snapshots, QuFirewall and Malware Remover ensure optimal NAS protection against threats like malware and hackers.



QSW-1105-5T Affordable 5-port 2.5G switch

Enjoy 2.5x high-speed transmission by connecting more 2.5G devices, such as, NAS, Wi-Fi 6 Router/AP, PC/laptop, etc.

Five 2.5G NBASE-T ports for unleashing LAN/WAN 2.5Gbps potential

Supports auto-negotiation, backward compatible with 1GbE devices

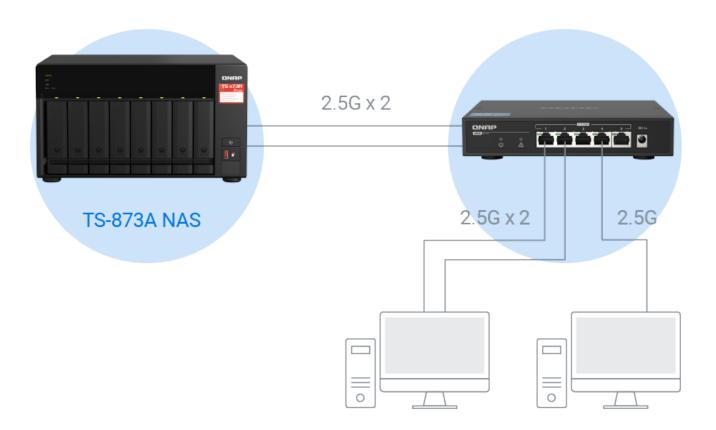
Use existing Cat 5e cables

Fanless design with ventilated construction for near-silent operation

Automatic loop detection and blocking to ensure continuous network operation

Enjoy 5Gbps speeds without an extra network card

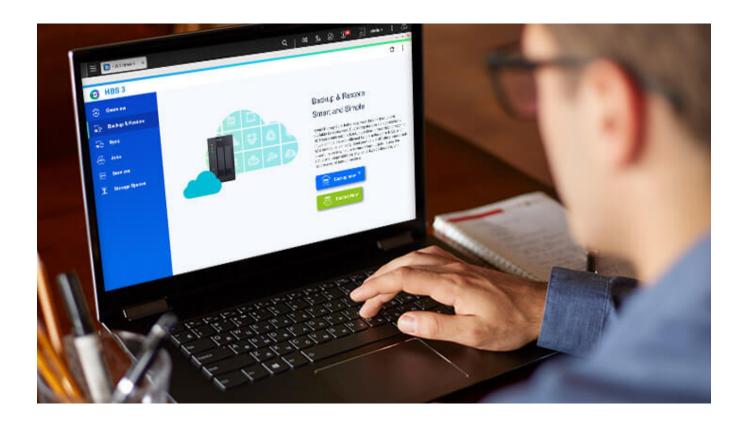
Enable SMB Multichannel on TS-873A NAS to combine two 2.5GbE ports for up to 5Gbps transmission speed. This increased bandwidth greatly accelerates large file transfer/backup and video editing applications.



Deploy 2.5GbE network environment to boost application efficiency

Faster Backup and Restore

Increased transfer speeds help save time when backing up files to NAS, or when backing up using HBS (Hybrid Backup Sync).



High-quality Video Streaming

Higher bandwidth improves the playback quality of 4K/8K videos.



Gaming Storage

Mount an iSCSI LUN from a 2.5GbE NAS to your computer to store your vast game collection. <u>Gaming x 2.5GbE NAS Solution</u>



Smooth Video Calls

In the era of remote working and classes, a faster network provides high-quality live streams for video calls and online courses.



Nas Software Specs

Operating System
Supported Client Operating Systems

QTS 5.2.3

- 1. Apple Mac OS 10.10 or later
- 2. Ubuntu 14.04, CentOS 7, RHEL 6.6, SUSE 12 or later Linux
- 3. IBM AIX 7, Solaris 10 or later UNIX
- 4. Microsoft Windows 7, 8, 10 and 11

5. Microsoft Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019 and 2022 Supported Browsers 1. Apple Safari (latest version) 2. Google Chrome (latest version) 3. Microsoft Edge (latest version) 4. Mozilla Firefox (latest version) Chinese (Traditional & Simplified), Czech, Supported Languages Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, and Turkish ?? Storage Pool 22 **SED Storage Pool** Maximum Pool size 308 TB 128 Maximum number of storage pool Volume Type Thick, Thin, Static Maximum volume size 250 TB Note: At least 4 GB RAM is required. Maximum number of volume 128 Maximum shared folder size 250 TB Maximum number of shared folder 512 ?? **JBOD** Expansion VJBOD / VJBOD Cloud 22 ?? iSCSI Service Fibre Channel Service ?? LUN Type Thick, Thin File-based iSCSI LUN ?? 22 Block-based iSCSI LUN Maximum LUN size 250 TB Note: At least 4 GB RAM is required. Maximum number of targets LUN 128 LUN feature 1. LUN Mapping (LUN can be moved

between iSCSI and FC)

3. WWPN Aliases Import/Export

7. Online LUN capacity expansion

2. LUN Masking

4. FC Port Group5. FC Port Binding

6. Multipath IO (MPIO)

- 8. LUN snapshot
- 9. LUN snapshot replication and clone

Auto Tiering

RAID Type

Requires minimum 2GB memory.

- 1. 8-bay (and more): JBOD, Single, RAID 0, 1, 5, 6, 10, 50, 60
- 2. 6-bay: JBOD, Single, RAID 0, 1, 5, 6, 10, 50
- 3. 4-bay: JBOD, Single, RAID 0, 1, 5,
- 4. 2-bay: JBOD, Single, RAID 0, 1

RAID Group

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To ensure data security, system stability, and storage performance, the maximum number of drives for a single RAID group is now 16 (applicable to RAID 5, RAID 6, RAID TP, and subgroups of RAID 50 and RAID 60). Nevertheless, users can combine multiple RAID groups into a large storage pool that contains more than 16 drives, using RAID 50, RAID 60, or RAID 10 as the RAID configuration. This enhancement will only be applied to new RAID groups. All existing RAID groups and storage systems will not be affected.

RAID Level Migration

RAID Expansion (by adding Disk) RAID Expansion (by replacing bigger

Disks)

Storage Pool Expansion (by adding RAID

Group)

RAID Hot Spare

RAID Sync/Rebuild/Scrubbing

Internal drive

External drive

??

??

??

??

Global, Local

??

EXT4

EXT3, EXT4, NTFS, FAT32, HFS+, and

exFAT (optional for ARM model)

Note: To use exFat in certain models you must purchase an exFAT driver license from

License Center.

Disk, Enclosure Locate	??
Disk S.M.A.R.T. Scan	??
Disk S.M.A.R.T. Data Migration	??
Ironwolf Health Management	??
Secure Erase	??
SSD Trim	??
SSD Life Estimation	??
Disk Roaming	??
Disk Standby	??
Volume Snapshot	??
LUN Snapshot	??
Maximum Snapshot (Per System)	Check maximum number of snapshots of
iviaminam shapshot (1 of System)	your NAS
Maximum Snapshot (Per Volume / LUN)	<u>Check maximum number of snapshots of</u>
Waximent Shapshot (Fer Volume / Eerv)	your NAS
Minimum Snapshot Interval	5 minutes
Snapshot Retention Policy	??
Self-serve Snapshot Recovery	??
Application Consisted Snapshot	??
Snapshot Full Clone	??
Snapshot Replica / Vault	??
SSD read-only Cache	??
SSD read-write cache	??
SSD write-only cache	??
SSD Cache Maximum Size	Check your QNAP NAS cache capacity and
	RAM requirements
SSD Cache RAID	0, 1, 5, 6, 10
SSD profiling tool	??
External Device Management	??
Mount Smart Phone (MTP)	??
External RAID Device (QNAP so on)	??
Management (External Device Mode)	
External RAID Device (QNAP so on)	??
Management (NAS Mode)	
File Server	1. File sharing across Windows, Mac,
	and Linux/UNIX
	2. Microsoft networking (CIFS/SMB)
	3. Apple networking (AFP)
	4. NFS version 3/4 services
FTP Server	1. QuFTP
	2. FTP, SFTP and TFTP protocols
	3. FTP over SSL/TLS (explicit FTPS)

	4. FXP support
Maximum FTP connection	1024
File Station (Web)	??
Object Storage	??
Local user account	4,096
Local group account	512
Domain user/group account	200,000
Domain Security	??
Domain Controller	??
Shared folder permission	??
Advanced folder permission	??, (AFP, CIFS/SMB, FTP, and File
	Station)
Windows ACL	??, (CIFS/SMB)
User quota	??
Group quota	??
Folder quota	??, (Snapshot shared folder)
Home folder	??
Resource Monitor	??
SNMP	V2, V3
Network recycle bin	 Recover files deleted using AFP, CIFS/SMB, and File Station Automatic cleanup and file type filter
System Log & Notification Center	Log recording: 3,000 event per second
Smart Fan	??
Schedule on/off	??
Internet protocol	IPv4, IPv6
Virtual Switch	??
Port trunking	?? , (7 modes)
VLAN	??
DHCP Server	??
DDNS (Dynamic Domain Name Service)	??
Network access protection with auto-	SSH, Telnet, HTTP(S), FTP, CIFS/SMB,
blocking	and AFP
Security Counselor	??
Malware Remover	??
AES 256-bit Volume Encryption validated	??
by FIPS 140-2 CAVP	
2-step verification	??
Allow/Deny List	??
Access Protection	??
Service binding	??

Firewall	??
VMware vSphere Ready	??
Windows Server certificated	??
Citrix Ready	??
vSphere Web Client Plug-in	??
VMware vSphere VAAI for iSCSI	??
VMware vSphere VAAI for NAS	??
Windows ODX	??
Windows/VMware Snapshot Agent	??
HTTP/HTTPS Connections	TLS 1.0/1.1/1.2/1.3
Supports WebDAV Connection	??
Supports Virtual Hosts	32
Qsync	??
	Note: At least 1 GB RAM is required.
[Qsync] Management Mode	User customization, Central
[Qsync] Qsync client supported platforms	Windows, macOS, Ubuntu, Android, and
	iOS
[Qsync] Maximum number of version control	64
HybridMount	??
Tryonariount	••
	Note: At least 1 GB RAM is required.
[HybridMount] File Cloud Gateway	Note: At least 1 GB RAM is required. Concurrent Connections = 20 Upload & 20
[HybridMount] File Cloud Gateway	•
[HybridMount] File Cloud Gateway [HybridMount] Network Drive Mount	Concurrent Connections = 20 Upload & 20
	Concurrent Connections = 20 Upload & 20 Download ??
[HybridMount] Network Drive Mount	Concurrent Connections = 20 Upload & 20 Download ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions	Concurrent Connections = 20 Upload & 20 Download ?? 32 ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync)	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required.
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS	Concurrent Connections = 20 Upload & 20 Download ?? 32 ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? 9 ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? ?? ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync [HBS (Hybrid Backup Sync)] 2-way and	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? 9 ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync [HBS (Hybrid Backup Sync)] 2-way and Active Sync	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? ?? ?? ?? ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync [HBS (Hybrid Backup Sync)] 2-way and Active Sync [HBS (Hybrid Backup Sync)] Backup	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? ?? ??
[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync) [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync [HBS (Hybrid Backup Sync)] 2-way and Active Sync [HBS (Hybrid Backup Sync)] Backup Deduplication	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? ?? ?? ?? ?? ?? ??
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[HybridMount] Network Drive Mount [HybridMount] Free cloud gateway sessions HBS (Hybrid Backup Sync)] [HBS (Hybrid Backup Sync)] NAS to NAS backup [HBS (Hybrid Backup Sync)] Cloud Backup [HBS (Hybrid Backup Sync)] Cloud Sync [HBS (Hybrid Backup Sync)] 2-way and Active Sync [HBS (Hybrid Backup Sync)] Backup Deduplication [HBS (Hybrid Backup Sync)] Apple Time	Concurrent Connections = 20 Upload & 20 Download ?? 32 ?? Note: At least 1 GB RAM is required. ?? ?? ?? ?? ?? ?? ??

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Note: At least 4 GB RAM is required. Boxafe Office 365 Backup ?? Boxafe Google Workspace Backup ?? Boxafe Full-text search ?? Qsirch Wote: This feature is supported by all QNAP NAS devices with at least 2 GB of memory Photos, music, videos, PDFs, Gmail, and others Qsirch Integrate Mac Finder ?? Qsirch Advanced picture search ?? Qsirch Search filters ?? QuMagie RAM is required. QuMagie Browse photos ??	• •	
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[Boxafe] Office 365 Backup [Boxafe] Google Workspace Backup [Boxafe] Full-text search Qsirch Note: This feature is supported by all QNAP NAS devices with at least 2 GB of memory [Qsirch] Previews Photos, music, videos, PDFs, Gmail, and others [Qsirch] Integrate Mac Finder [Qsirch] Advanced picture search [Qsirch] Search filters QuMagie Note: At least 1 GB RAM is required. [QuMagie] Browse photos ??		Note: At least 4 GB RAM is required.
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[QuMagie] Browse photos ??		Note: At least 1 GB RAM is required.
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[QuMagie] AI-assisted photo management People, things, places, and others	[QuMagie] AI-assisted photo management	People, things, places, and others
Antivirus (free) ??	Antivirus (free)	??
McAfee (License) ??	McAfee (License)	??
QVPN Service ??	QVPN Service	??
Note: At least 1 GB RAM is required.		Note: At least 1 GR PAM is required
[QVPN Service] Remote Access PPTP, L2TP/IPSec, OpenVPN, WireGuard,	[OVPN Sarvical Pamota Access	•
QBelt (QNAP proprietary)	[QVIIV Service] Remote Access	-
[QVPN Service] Supported utility and Windows, macOS, iOS, and Android	[OVPN Service] Supportedd utility and	- · · · · · · · · · · · · · · · · · · ·
mobile app	- 11	windows, indeos, ios, and indioid
[QVPN Service] Supported maximum 100		100
clients	-	
LDAP Server ??		??
RADIUS ??		
SQL server ??		
License Center ??	_	??
Multimedia Console ??	Multimedia Console	
Photo Station ??	Photo Station	??
Music Station ??	Music Station	??

Video Station	??
Download Station	??
Notes Station	??
Qfiling	??
Media Streaming add-on	??
QmailAgent	??
QuWAN	??
DA Driver Analyzer	??
Q'center	??
	Note: The application is available in the App
	Center and in virtual appliance marketplaces
	(VMware vSphere ESXi and Microsoft
	Hyper-V).
Q'center Server	??
Q'center Agent	??
Connect to Q'center	??
Virtualization Station	??
	Note: At least 4 GB RAM is required.
[Virtualization Station] Supports Virtual	Windows, Linux, Unix, and Android
machine instances	, , ,
[Virtualization Station] VM importing,	All function is Fine.
exporting, cloning, snapshot capturing,	
backup, and restoration	
[Virtualization Station] Virtual switches	Can create a virtual switch
[Virtualization Station] GPU pass-through	Not support GPU
[Virtualization Station] Suggested number	8
of virtual machine instances	
	The actual number of virtual machine
	instances may vary by the memory installed
	on NAS (e.g. 1 VM= 1 thread for 1 vCPU
	and 1GB memory). Please expend memory
	if needed.
Container Station	??
	Note: At least 1 GB RAM is required.
[Container Station] Supported type	LXC/LXD and Docker
	Note: LXD has been supported after
	Container Station 2.4
[Container Station] Docker Hub Registry	??

[Container Station] Container importing and exporting	1 ??
[Container Station] Console mode	??
Linux Station	??
	Notification: At least 4 GB RAM is
	required.
[Linux Station] Supports Ubuntu versions	18.04, and 20.04
Linux Station Center	??
QVR Pro	??
QVK110	::
	Note: At least 4 GB RAM is required. The
	maximum number of channels supported
	varies by NAS model, network
	configuration, and camera settings. For more
	information,
	visit https://www.qnap.com/go/qvr-nas-
	selector.
[QVR Pro] Recording Technique	Index database based
[QVR Pro] License Type	Perpetual
[QVR Pro] User-defined trigger events	??
[QVR Pro] Metadata	??
[QVR Pro] QVR Pro Client (Desktop)	Windows, macOS, and QNAP HybridDesk
[[[Station
[QVR Pro] QVR Pro Client (Mobile)	Android and iOS
[QVR Pro] Recording camera streams	H.264
[QVR Pro] Free built-in camera channels	8
QVR Elite	??
Q VR Elite	••
	Note: At least 1 GB RAM is required. The
	maximum number of channels supported
	varies by NAS model, network
	configuration, and camera settings. For more
	information,
	·
	visit https://www.qnap.com/go/qvr-nas-galactor
[OVD Elital December Technisms	Standard MD4 file based
[QVR Elite] Recording Technique	Standard MP4 file based
[QVR Elite] License Type	Subscription-based
[QVR Elite] User-defined trigger events	??
[QVR Elite] QVR Pro Client (Desktop)	Windows, macOS, and QNAP HybridDesk
	Station

Android and iOS

[QVR Elite] QVR Pro Client (Mobile)

[QVR Elite] Recording camera streams	H.264
[QVR Elite] Free built-in camera channels	2
QVR Pro Client	??
[QVR Pro Client] Dynamic View Layout	??
[QVR Pro Client] Windows	??
[QVR Pro Client] Mac	??
[QVR Pro Client] HybridDesktop	??
[QVR Pro Client] iOS	??
[QVR Pro Client] Android	??
QVR Center	??
Q v It Comer	• •
	Note: At least 4 GB RAM is required.
[QVR Center] Log management	??
[QVR Center] Central monitoring across	??
multiple servers	• •
QVR Guard	??
Q V IX Guard	• •
	Note: At least 4 GB RAM is required.
[QVR Guard] Failover design	??
[QVR Guard] Viewing task details	??
[QVR Guard] Automatic switch between	??
Standby and Takeover modes	••
QVR Face	??
Q VICT acc	••
	The maximum number of channels
	supported varies by NAS model, network
	configuration, and camera settings. For more
	information,
	visit https://www.qnap.com/solution/qvr-
	face/en-us/
QVR DoorAccess	??
QVR Door recess	• •
Nas Hardware Specs	
CPU	AMD Ryzen™ Embedded V1500B
Ci C	4-core/8-thread 2.2 GHz processor
CPU Architecture	64-bit x86
Graphic Processors	Optional via a PCIe adapter
Floating Point Unit	??
Encryption Engine	?? (AES-NI)
Hardware-accelerated Transcoding	Optional via a PCIe adapter
System Memory	8 GB SODIMM DDR4 (1 x 8 GB)
Maximum Memory	64 GB (2 x 32 GB)

Memory Slot 2 x SODIMM DDR4 Support ECC memory For dual-DIMM configurations, you must use a pair of identical DDR4 modules. Flash Memory 5GB (Dual boot OS protection) 8 x 3.5-inch SATA 6Gb/s, 3Gb/s **Drive Bay Drive Compatibility** 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives Hot-swappable ?? The following are not hot-swappable: M.2 SSDs, SSD cache drives, SSDs using PCIe expansion slots. M.2 Slot 2 x M.2 2280 PCIe Gen3 x1 slots The M.2 SSD is not included as standard. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from **ONAP** or a third-party provider) on the M.2 SSD. ?? SSD Cache Acceleration Support ?? GPU pass-through 2.5 Gigabit Ethernet Port (2.5G/1G/100M) 2 (2.5G/1G/100M) 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) Optional via a PCIe adapter 10 Gigabit Ethernet Port Optional via a PCIe adapter ?? Wake on LAN (WOL) 22 Jumbo Frame PCIe Slot 2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4 Card dimensions for PCIe slot 1~Slot 2?200 x 131.15 x 18.76 mm / 7.87 x 5.16 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used. 3 x Type-A USB 3.2 Gen 2 10Gbps USB 3.2 Gen 2 (10Gbps) Port

1 x Type-C USB 3.2 Gen 1 5Gbps

HDMITM Output Optional via a PCIe adapter

Form Factor Tower

LED Indicators Status/Power, USB, LAN, Drive 1-8, M.2

SSD 1-2

Power, Reset, USB Auto Copy **Buttons** $180.2 \times 329.3 \times 279.6 \text{ mm}$ Dimensions (HxWxD)

Dimensions do not include foot pad (foot

pad may be up to 30mm / 1.18 inches high

depending on model)

Weight (Net) 7.4 kg
Weight (Gross) 8.3 kg

Operating Temperature $0 - 40 \,^{\circ}\text{C} \, (32^{\circ}\text{F} - 104^{\circ}\text{F})$ Storage Temperature $-20 - 70^{\circ}\text{C} \, (-4^{\circ}\text{F} - 158^{\circ}\text{F})$

Relative Humidity 5-95% RH non-condensing, wet bulb: 27?C

(80.6?F)

Power Supply Unit 250W, 100-240V AC, 50-60Hz, 3.5A

Power Consumption: Disk Standby Mode 25.668 Power Consumption: Operating Mode, 54.067 W

Typical Tested with drives fully populated.

Fan System fan: 2 x 120mm

CPU fan: 1 x 60mm

System Warning Buzzer
Kensington Security Slot ??
Max. Number of Concurrent Connections 2000

(CIFS) - with Max. Memory

Switch Hardware Specs

Management Type Unmanaged

Number of Ports 5 2.5GbE (RJ45) 5

Power Supply Description

Max. Power Consumption

12 W

Input Power Type

DC

Input Voltage Range

MAC Address Table

16K

Total Non-Blocking Throughput

Switching Capacity

Fan

Fanless

Fanless

??

Supported Standards IEEE 802.3 Ethernet

IEEE 802.3u 100BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3bz 2.5GBase-T

IEEE 802.3x Full-Duplex Flow Control

Form Factor Desktop

LED Indicators Per Port: Speed/Link/Activity

Loop LED: Loop

Per System: Power/Status

Dimensions (HxWxD) 34 x 180 x 145 mm

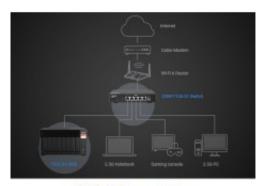
Weight (Net)
Operating Temperature
Relative Humidity
Certifications
Electromagnetic Compliance
Jumbo Frames

Product Gallery





0.577 kg 0?C to 40°C (32°F to 104°F) 10% to 90% (non-condensing) FCC, CE, BSMI, VCCI, LVD,KCC,ASNZ Class B 9K



2.56bE Connectivity

Upgrade to a high-speed network and data storage center in your home or office, providing a full 2.5GbE network experience

