

SECURE AND LICENSE-FREE
BACKUP APPLICATIONS
GUARANTEED

SOFTWARE SOLUTIONS

Modern apps with a wide range of functions to keep pace with rapid technological change. From data backup to multimedia & smart video to virtualization. In the App Center you will find numerous apps from QNAP and other third-party providers.



QNAP
CERTIFIED

Register now and become
a certified QNAP partner!



CONTACT US



SALES
INQUIRY

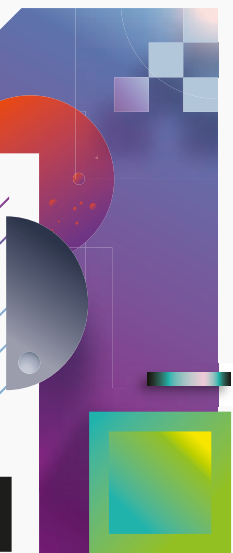


RAID
SELECTOR

QNAP®

QUALITY
NETWORK
APPLIANCE
PROVIDER

Stay
one
step
ahead



PRODUCT OVERVIEW
NAS & SWITCH

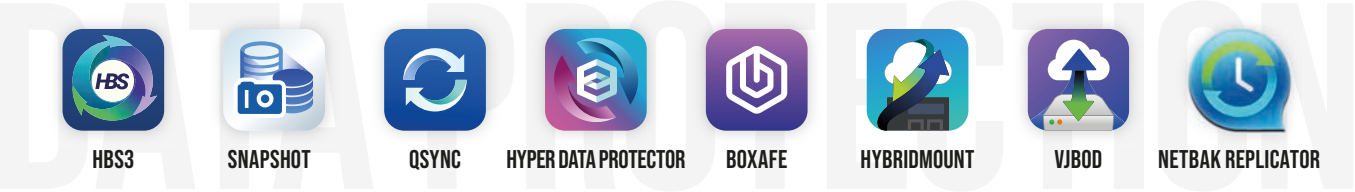


ONLINE
OVERVIEW

RELIABLE

Data storage & Backup

The value of information in today's data-driven world is immeasurable. QNAP NAS provides data redundancy through RAID protection and regular hybrid backups, and implements the 3-2-1-1-0 backup strategy to ensure the security and integrity of critical data. Snapshot and real-time synchronization technologies allow the NAS to capture the current state of data and perform backups remotely. This enables data to be restored quickly to minimize downtime, for example, during disaster recovery of business data, and extensive encryption measures protect your information from unauthorized access or manipulation.



RAID

Prevents data loss by combining several drives into one logical drive.

- ✓ Redundancy for fault tolerance
- ✓ Hot spare
- ✓ Global hot spare
- ✓ Automatic RAID hard drive replacement

Backup

Routine file and system backups, to implement the 3-2-1-1-0 backup strategy.

- ✓ Mac/PC Backup
- ✓ NAS/Server Backup
- ✓ Cloud Backup
- ✓ VM Backup
- ✓ Google Photos/WordPress Backup

Snapshot

Record system status and data at any time and restore them quickly if required.

- ✓ Volume and LUN snapshot
- ✓ Version control
- ✓ Snapshot Replica
- ✓ 1-Click Restore

EASILY SCALABLE

Surveillance & Security

Build an intelligent surveillance system to protect your home or business. QNAP offers a range of options for video surveillance. Any NAS can be used for surveillance using QVR Elite or QVR Pro software, with two or eight camera licenses included. QNAP surveillance solutions secure a wide variety of environments worldwide: residential and industrial areas, critical infrastructure, banks, public transport, government agencies, military installations and more. The licensing model has a low entry barrier while also being futureproof thanks to easy scaling of the systems to meet changing requirements at any time.

QVR Elite

2 camera channels free

With just one QNAP NAS, IP cameras and QVR Elite, you can benefit from a highly modern and intelligent surveillance system. The modular channel license system makes it possible to provide up to 192 channels in total.

Monthly \$1,99 USD per month, per channel	Annually \$19,99 USD per year, per channel	Triennially \$49,99 USD once for 3 years, per channel
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QVR Pro

8 camera channels free

QVR Pro provides 8 embedded surveillance channels that allow you to quickly set up a surveillance solution on your NAS without the need for any additional software.

1 channel \$69 USD 4 channels \$259 USD 8 channels \$479 USD	Unlimited playback \$99 USD	Gold Status \$499 USD per license 8 additional channels Advanced functions Unlimited playback
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QVR Center

2 recording servers free

QVR Center enables cross-server management of all QNAP surveillance solutions and is able to manage up to 256 surveillance servers and more than 10,000 cameras.

Monthly \$9,99 USD per month, per server	Annually \$99,99 USD per year, per server	Triennially \$269,99 USD once for 3 years, per server
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QVR Pro Client

Also available as a mobile app

The client software QVR Pro Client can be installed on Windows® and Mac® devices or in the QNAP HD Station on the NAS. This allows you to monitor from different platforms and easily switch from live view to playback mode to take full control of the monitored area.

EASY DEPLOYMENT

Virtualization & Container

QNAP offers a hybrid approach to virtualization. Regardless of what's needed, you can rely on the QNAP NAS to provide comprehensive support for virtualization, great flexibility with reduced cost. With QNAP's exclusive Virtualized Personal Computer (QvPC) technology, you can use your NAS as a PC by connecting a keyboard, mouse and HDMI display to the NAS. This allows you to access multiple virtual machines and data stored on the NAS and effortlessly switch between virtual machines.

Virtualization Station

Fast and reliable hypervisor on QNAP NAS and appliances for multiple virtual machines.

Container Station

Lightweight Linux®-based solution for the virtualisation of operating systems and applications.

INVALUABLE

Protection & Prevention

In order to stop data breaches and plug security holes, QNAP's security system offers traditional built-in firewalls and intrusion detection and prevention systems that find and get rid of known viruses and malware. With industry-standard security protocols, support for VPN services and SSL/TLS encryption to improve remote access and data transfer security. Detailed user permission settings and multi-level access control (ACLs) ensure that only authorized users can access specific data. In addition, software such as the Security Center helps with security assessments and configuration checks, along with regular security audits and logging to monitor system activity. Log records help to monitor system activity to ensure the highest level of protection for all data.

System protection

Risk assessment

Permission management

Protected connection

WELL ORGANIZED

Multimedia & Streaming

Users can easily store, organize and access photos, music and videos via applications such as Photo Station, Music Station and Video Station and play these media on any device in the network. The multimedia software also supports typical automatic hybrid backups and synchronization of multimedia files and remotely access the multimedia library via the myQNAPcloud service. Some QNAP NAS models offer media transcoding functions that allow the device to automatically adjust the format and resolution of media files to different playback devices and network speeds.



Well suited for **PLEX**

QNAP NAS also supports many third-party multimedia applications, such as Plex Media Server, to enhance the multimedia experience. These and many more features make QNAP NAS an ideal solution for multimedia storage purposes and playback in home and small office environments.

QTS

Enhanced data security to protect your digital assets

QTS offers advanced features to meet the challenge of rapid technological change, providing you with top class data security, great performance and intelligence.

- ✓ User-friendly
- ✓ Efficient management
- ✓ SSD caching & pools

QuTS hero

Powerful ZFS-based operating system

QuTS hero combines the app-based QTS with the 128-bit ZFS file system for flexible storage management, comprehensive data protection and optimized performance to meet the ever-changing demands of modern IT.

- ✓ WORM functionality
- ✓ Data protection
- ✓ High performance
- ✓ Shared folders up to 5PB
- ✓ Functional QTS apps
- ✓ Flexibility & reliability

QNAP
ACCESSORY

TL-R1620Sdc



Per controller:
3 x 12Gb/s SAS 3.0
Mini-SAS HD
Redundant Power

16 Bay Dual-Controller SAS Rackmount JBOD

TL-Rx20Sep-RP Series



4 x 12Gb/s SAS 3.0
Mini-SAS HD
Redundant Power

12 & 16 Bay SAS Rackmount JBOD

TL-Rx00PES-RP Series



2 x SFF-8644 1x2 Host Interface
PCIe Gen3 x8
Redundant Power

12, 16 & 24 Bay SATA Rackmount JBOD

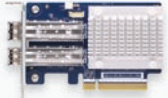
TL-R1200S-RP



3 x SFF-8088 Host Interface
Redundant Power
incl. QNAP QXP PCIe SAS-card & cable

12 Bay SATA Rackmount JBOD

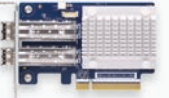
QXP-16G2FC



Enhanced Gen 5
2 x 16/8/4 Gbps
PCIe Gen3 x8
up to 125 m
low profile

Fibre Channel HBA

QXP-32G2FC



Enhanced Gen 6
2 x 32/16/8 Gbps
PCIe Gen3 x8
up to 100 m
low profile

Fibre Channel HBA

QXP-x00eS-A1164 Series



up to 1/2/4-port (SFF-8088)
SATA host bus adapter
up to 4/8/16 x SATA 6Gbps
PCIe Gen3
for TL SAS JBOD

SATA HBA

QXP-820S-B3408



2-port miniSAS
HD host bus adapter
Broadcom Tomcat SAS3408
PCIe Gen3
for TL SAS JBOD series

SAS HBA

QXP-3XxPES



2-port (SFF-8644)
PCIe Gen3
for PCIe JBOD series

PCIe HBA

TL-R400S



1 x SFF-8088 Host Interface
short depth
incl. QNAP QXP PCIe SAS-card & cable

4 Bay SATA Rackmount JBOD

TL-Dx00S Series



1/2/4 x SFF-8088 Host Interface
Redundant Power
incl. QNAP QXP PCIe SAS-card & cable

4, 8 & 16 Bay SATA Tower JBOD

TL-R1200C-RP



USB 3.2 Gen 2 Typ-C Host Interface
Redundant Power

12 Bay USB Rackmount JBOD

TL-D800C



USB 3.2 Typ-C Host Interface

8 Bay USB Tower JBOD

TL-D810TC4



USB 4 Typ-C Host Interface

8 Bay USB Tower JBOD

QXP-10G2U3A



2x USB 3.2 Gen 2
1x ASMedia ASM3142
USB Type-A
PCIe Gen2 x2
low profile

USB card

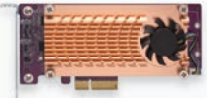
QM2-2P10G1TB



2 x M.2 2280 PCIe NVMe SSD slots
1 x 10GbE NBASE-T port
PCIe Gen3 x8
low profile

Storage & Networking Hybrid card

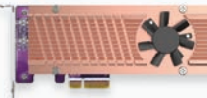
QM2-2S-220A



2 x M.2 22110/2280 PCIe SATA SSD slots
PCIe Gen2 x2
low profile

Storage & Networking Hybrid card

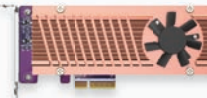
QM2-2P-244A



2 x M.2 22110/2280 PCIe NVMe SSD slots
PCIe Gen2 x4
low profile

Storage & Networking Hybrid card

QM2-2P-344A



2 x M.2 22110/2280 PCIe NVMe SSD slots
PCIe Gen3 x4
low profile

Storage & Networking Hybrid card

TR-004U



USB 3.2 Typ-C Host Interface
Hardware-RAID

4 Bay USB Rackmount Hardware-RAID

TR-00x



USB 3.2 Typ-C Host Interface
Hardware-RAID

2 & 4 Bay USB Tower Hardware-RAID

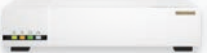
QHora-301W



4 x 1 GbE
2 x 10GBASE-T
Wi-Fi 6 Dual-Band
Mesh VPN functionality

SD-WAN Router

QHora-32X Series



6 x 2.5 GbE
3 x 10GBASE-T (QHora-322)
Mesh VPN functionality

QuWAN VPN Router

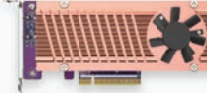
QNA-T310G1x Series



1 x Thunderbolt™ 3
1 x 10GbE NBASE-T (QNA-T310G1T)
1 x 10GbE SFP+ (QNA-T310G1S)

Network adapter

QM2-2P-384A



2 x M.2 22110/2280 PCIe NVMe SSD slots
PCIe Gen3 x8
low profile

Storage & Networking Hybrid card

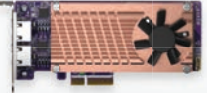
QM2-4P-384



4 x M.2 2280 PCIe NVMe SSD slots
PCIe Gen3 x8
low profile

Storage & Networking Hybrid card

QM2-2P262T



2 x M.2 2280 PCIe NVMe SSD slots
2 x 2.5GbE ports
PCIe Gen3 x4
low profile

Storage & Networking Hybrid card

QM2-2P410GxT Series



2 x M.2 2280 PCIe NVMe SSD slots
up to 2 x 10GbE 10GBASE-T ports
PCIe Gen4 x8
low profile

Storage & Networking Hybrid card

TRX-25GSFP28-SR



25GbE SFP28
LC-LC
850nm
SR up to 100 m

Optical transceiver

QNA-UC10G Series



1 x USB 4
1 x 10GBASE-T (QNA-UC10G1T)
1 x 10GbE SFP+ (QNA-UC10G1SF)
2 x 10GbE SFP+ (QNA-UC10G2SF)

Network adapter

QDA-A2AR



3.5" SATA adapter
2 x 2.5" SATA bis 9.5 mm
No drivers required

Drive adapter

QDA-A2MAR



2.5" SATA adapter
2 x M.2 2280 SATA SSD
Aluminium Frame
No drivers required

Drive adapter

QDA-UMP4



U.2 PCIe Gen4 x4 adapter
1x M.2 2280 PCIe Gen4 x4
Aluminium Frame
No drivers required

Drive adapter

QDA-U2MP



U.2 PCIe Gen3 x4 adapter
2 x M.2 2280 PCIe Gen3 x4
Aluminium Frame
No drivers required

Drive adapter

TRX-10GITSFPP-SR



10GbE SFP+
850nm
SR up to 300 m
Industrial-temperature (-40 ~ 85 °C)

Optical transceiver

TRX-10GSFPP-LR



10GbE SFP+
1310nm
LR up to 10 km

Optical transceiver

TRX-16GFCSP-SR



SFP+ 16Gb (14.025G/8.5G/4.25G)
LC SR
hortwavelength,
up to 125 m

Optical transceiver

TRX-32GFCSP-SR



SFP+ 32Gb (28.05G/14.025G/8.5G)
LC SR
shortwavelength
up to 125 m

Optical transceiver

RAIL-S01



TL-R400S, TR-004U, TS-431XeU, TS-435XeU,
TS-464eU, TS-855eU, TS-864eU, TS-873AeU,
TS-873AU, TL-R1200PES, TL-R1220Sep,
TS-1264U, TS-1273AU, TL-R1600PES-RP, TL-
R1620Sdc, TL-R1620Sep-RP, TS-1673AU

Rail kit

QXG-10G2T-X710



2 x 10GbE NBASE-T ports
Intel® Ethernet Controller X710
PCIe Gen3 x4
low profile

Networking card

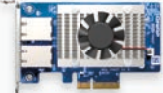
QXG-5GxT-111C Series



up to 4 x 5GbE NBASE-T ports
Marvell AQtion AQC111C controller
PCIe Gen3 x4/x2/x1
low profile

Networking card

QXG-10GxT Series



up to 2 x 10GbE NBASE-T ports
Marvell AQtion AQC107 controller
PCIe Gen3 x4
low profile

Networking card

QXG-2GxT-I225 Series



up to 4 x 2.5GbE NBASE-T ports
Intel® Ethernet Controller I225-LM
PCIe Gen2 x4/x2/x1
low profile

Networking card

QXG-10G2SF-X710



2 x 10GbE SFP+ ports
PCIe Gen3 x8
low profile

Networking card

RAIL-B02



TL-R400S, TR-004U, TS-431XeU, TS-432PXU, TS-435XeU, TS-464eU, TS-464U, TS-832PXU,
TS-855eU, TS-864eU, TS-873AeU, TS-873AU, TS-h987XU, TS-h1090FU, TL-R1200C, TL-R1200PES,
TL-R1200S, TL-R1220Sep, TS-1232PXU, TS-1264U, TS-1273AU, TS-h1277AXU, TL-R1600PES,
TL-R1620Sdc, TL-R1620Sep, TS-1673AU, TS-h1677AXU, TS-h1886XU, TS-h1887XU, TS-h2287XU,
QGD-1600, QGD-1600P, QGD-1602, QGD-1602P

Rail kit

RAIL-E02/RAIL-E03



E02: ES1640dc, ES1640dc v2, ES1686dc
E03: ES2486dc, TDS-h2489FU

Rail kit

RAIL-A02-90



TL-R2400PES-RP
TS-h3087XU-RP

Rail kit

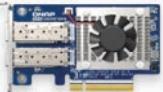
RAIL-A03-57



TS-h3077AFU
TS-h2490FU

Rail kit

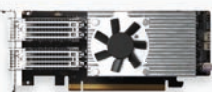
QXG-25G2SF-E810



2 x 25GbE SFP28 ports
Intel® E810-XXVAM2 controller
PCIe Gen4 x8
low profile

Networking card

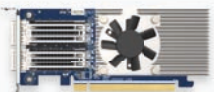
QXG-100G2SF-E810



2 x 100GbE QSFP28 ports
Intel® Ethernet Controller E810
PCIe Gen4 x16
low profile

Networking card

QXG-100G2SF-CX6



2 x 100GbE QSFP28 ports
NVIDIA Mellanox® ConnectX®-6 Rx controller
PCIe Gen4 x16
low profile

Networking card

QXG-25G2SF-CX6



2 x 25GbE SFP28 ports
NVIDIA Mellanox® ConnectX®-6 Lx controller
PCIe Gen4 x8
low profile

Networking card

QXP-T32P



2 x Thunderbolt™ 3 (USB Type-C)
PCIe Gen3 x4
low profile

Thunderbolt card

Also available
from QNAP:

Useful links:

PSU
RAM

EAR
TRAY

FAN
CABLE

HEATSINK
BRACKET

COMPATIBILITY
LIST

NAS
SELECTOR



QUALITY
NETWORK
APPLIANCE
PROVIDER