

**QNAP®**

TVS-h1688X



TVS-h874



TS-464



TS-i410X



**CLOUD**



# STORAGE

ES1686dc  
**DUAL  
CONTROLLER**

## STORAGE SOLUTIONS

The comprehensive range of NAS solutions from QNAP fulfils a wide range of customer needs, from small desktop models for home users to high-capacity and all-flash rackmount NAS with powerful CPU 's and enormous expandability for 100GbE & more for large corporations and workgroups.

TS-h1290FX



TS-h2490FU



**ALL  
FLASH**

# NETWORKING

OHora-301W



OGD-1602P



OSW-2104-2S



QSW-M7308R-4X



OGD-3014-16PT



OSW-M5216-1T



## NETWORKING SOLUTIONS

QNAP offers flexible network switches with Gigabit to 100GbE connectivity, PoE support and versatile features to help anyone to easily and quickly build the ideal office and home network environment. Multifunctional routers will provide high-speed LAN, WAN and comprehensive wireless LAN.

## QNAP SYSTEMS, INC.

[www.qnap.com](http://www.qnap.com)

### QNAP Systems, Inc.

New Taipei City  
Email: [sales@qnap.com](mailto:sales@qnap.com)  
Tel: +886 2 2641 2000

### QNAP Inc. (USA)

Pomona CA  
Email: [usasales@qnap.com](mailto:usasales@qnap.com)  
Tel: +1-909-595-2782

### QNAP Inc. (Canada)

Markham, Ontario  
Email: [canadasales@qnap.com](mailto:canadasales@qnap.com)  
Tel: +1-905-947-1000

### QNAP GmbH (Germany)

München  
Email: [desales@qnap.com](mailto:desales@qnap.com)  
Tel: +49-(0)215-4884-2816

### QNAP SRL (Italy)

Roma  
Email: [eusales@qnap.com](mailto:eusales@qnap.com)  
Tel: +39-(0)687-738456

### QNAP UK Limited

Swindon  
Email: [uksales@qnap.com](mailto:uksales@qnap.com)  
Tel: +44-(0)333-344-2522

### QNAP (Japan)

Tokyo  
Email: [jpsales@qnap.com](mailto:jpsales@qnap.com)  
Tel: +81-3-5901-9735



CONTACT US



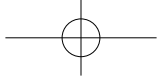
SALES  
INQUIRY



HARDWARE  
OVERVIEW

**QNAP®**

**QUALITY  
NETWORK  
APPLIANCE  
PROVIDER**



**QNAP®**



# PRODUCT OVERVIEW

## SOFTWARE



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.



HBS3



SNAPSHOT



QSYNC



HYPER DATA PROTECTOR



BOXAFE



HYBRIDMOUNT



VJBOD



NETBAK REPLICATOR



### 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



### 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



### 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



### 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.



MULTIMEDIA CONSOLE



QUMAGIE



VIDEO STATION

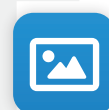


PHOTO STATION



MUSIC STATION

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