

Company Profile

QNAP®



Overview of IEI Groups

Innovation & Integration lead to Private Cloud Total Solution



iEi GROUP

威強電集團



Industrial Integrated
IoT Solution
Provider



Leading Network-
Attached Storage
Provider



Unique Electronic
Manufacturing
Service



Intelligent Medical
System Provider



Leading Automation
System Products
Provider



Professional Chassis
Manufacturer

About QNAP

Leading network-attached storage provider



Innovative software development and hybrid-cloud-based AI platform



Complete portfolio from development and hardware design to accelerate enterprise deployment of AI solutions



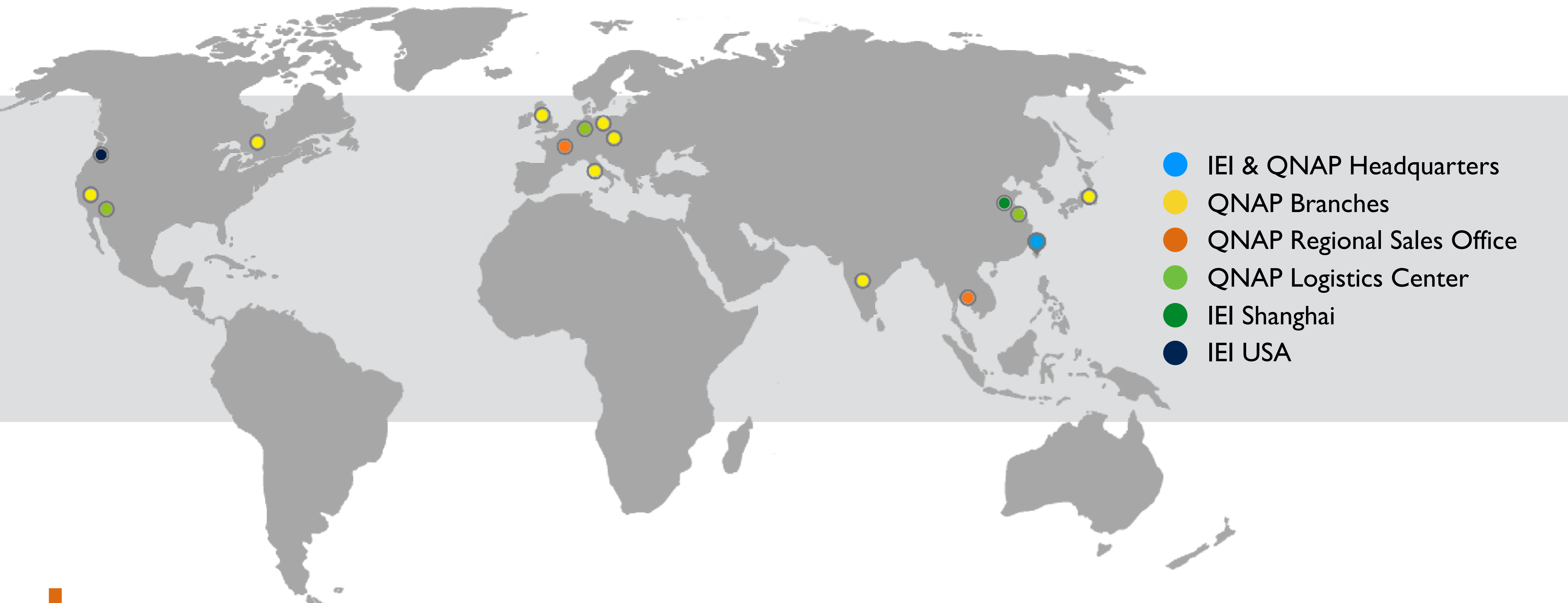
Global market allocation




1000+ total employees. Software engineers make up 60% of the company workforce.

QNAP[®]


Worldwide Presence





See the Bigger Picture with Us

Benefiting from our cooperation with IEI, we envision our upcoming QNAP NAS models to serve as an intelligent gateway that empowers both home life and work environments.

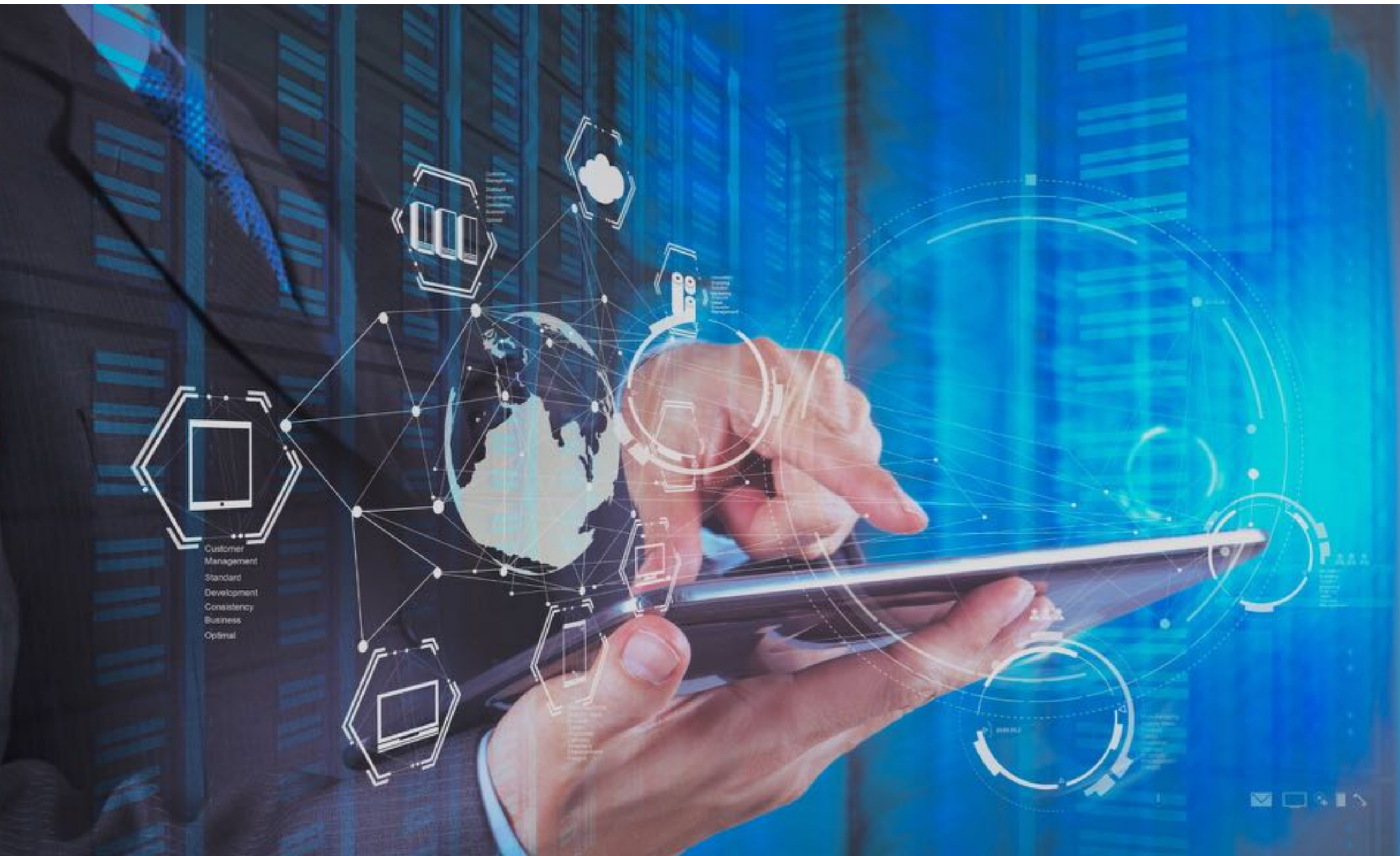


Ride the AI wave with QNAP QuAI



- QNAP's AI Developer Package
- Intended for data scientists and developers to quickly build, train, and optimize AI models running on QNAP NAS
- GPU pass-through to accelerate AI processing
- Easily host AI applications on QNAP NAS

QNAP NAS as an intelligent hybrid network application server




- Implementation of AI & machine-learning mechanisms
- Network computing ability & data security
- Providing “IoT-oriented” services and applications

QNAP NAS as a GPU-empowered processing solution



- Graphics card support for video processing and GPU pass-through to Virtual Machines.
- Accelerate AI applications with GPU processing power



Achievements & Recognition

Over 100 Corporate & Product Awards Worldwide





Videomaker's Best Products 2017 Best Storage Award

TVS-1282T3 Thunderbolt™ 3 NAS

QNAP®



red**dot** design award
winner 2017



Red Dot Award 2017

TVS-873 10GbE-enabled business NAS





European Hardware Awards 2017

Best NAS Device

TS-451+ quad-core NAS

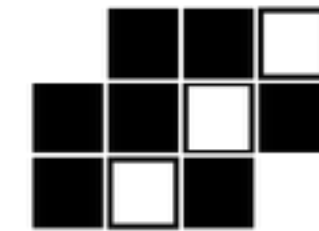
QNAP®



QNAP Leads the Way

Comprehensive NAS products that reflect technology and
market trends





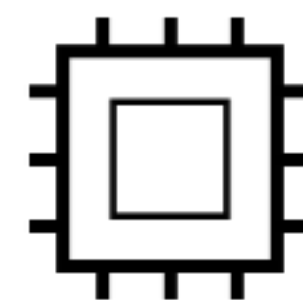
QTS 4.3.4

The Essence of Storage. The Nature of NAS.

TS 4.3.4 streamlines and improves management of NAS storage and snapshots with the brand-new Storage & Snapshots. With QTS 4.3.4, snapshots are supported by any QNAP NAS with at least 1GB RAM - providing total backup and disaster recovery solutions.



[Watch Video](#)



World's First Ryzen NAS TS-x77 Series

The QNAP TS-x77 series is the world's first Ryzen™-based NAS, featuring processors with up to 8-cores/16-threads and Turbo Core up to 3.7GHz. The TS-x77 series redefines virtualization and 4K processing experiences for businesses and professionals with its high expandability for network bandwidth, GPU-based processing, and storage capacity.



10GbE-ready NAS

Standardizing 10GbE

QNAP offers powerful, affordable high-speed 10GbE-ready NAS suited for all organizations - from huge enterprises to small offices - that require high bandwidth to tackle IT inefficiencies.

I 0GbE-ready NAS



Enterprise



SMB



Home & SOHO



Thunderbolt™ NAS

Boost creative media collaboration

QNAP Thunderbolt NAS solutions features ultra-high transfer speeds with expandable data storage, boosting productivity with 4K workflows and collaborative video editing for Thunderbolt-equipped Mac & Windows users.

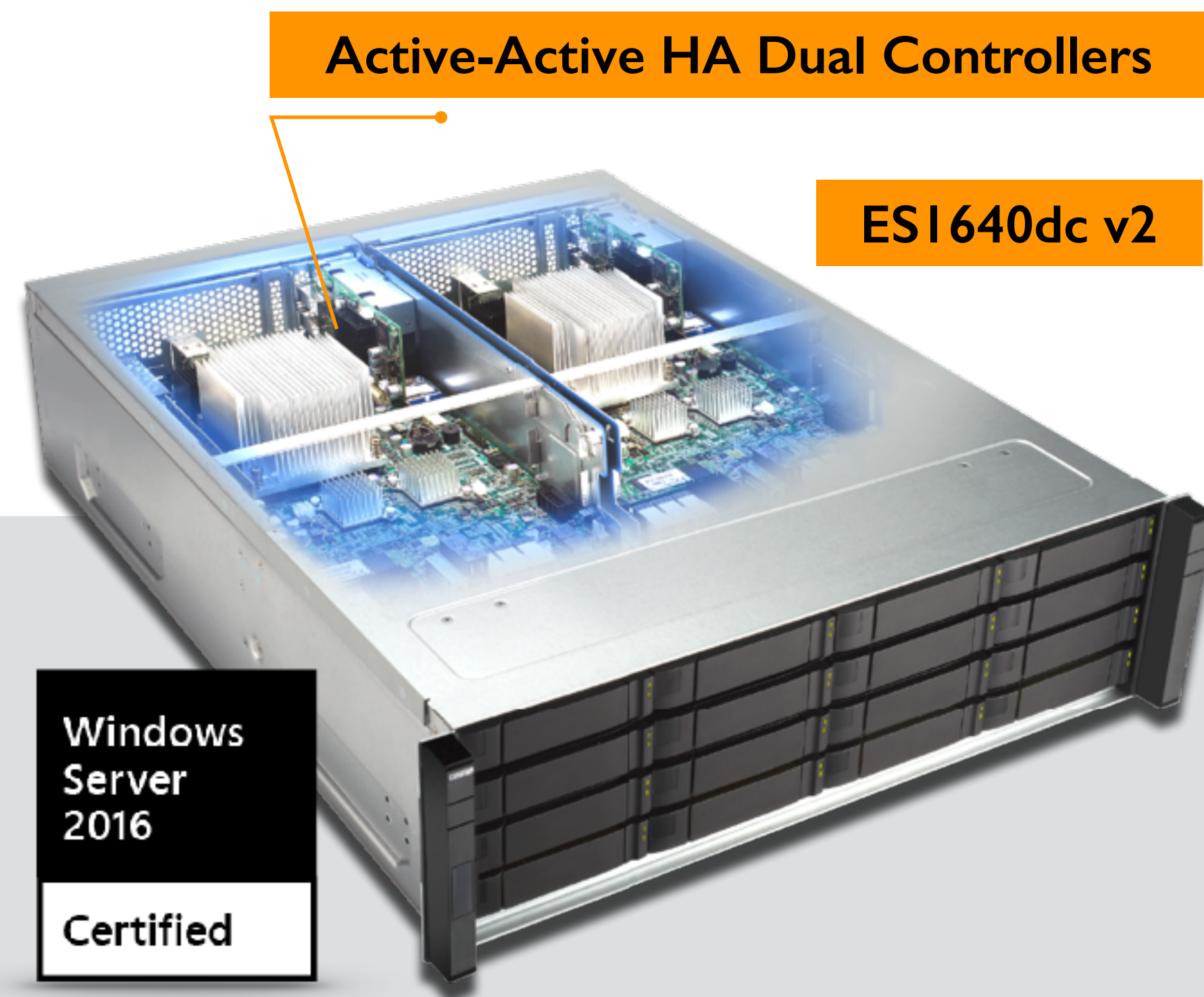
Thunderbolt NAS Solution



Thunderbolt 3 NAS



Thunderbolt 2 NAS



High Availability

Dual-controllers for near-zero downtime

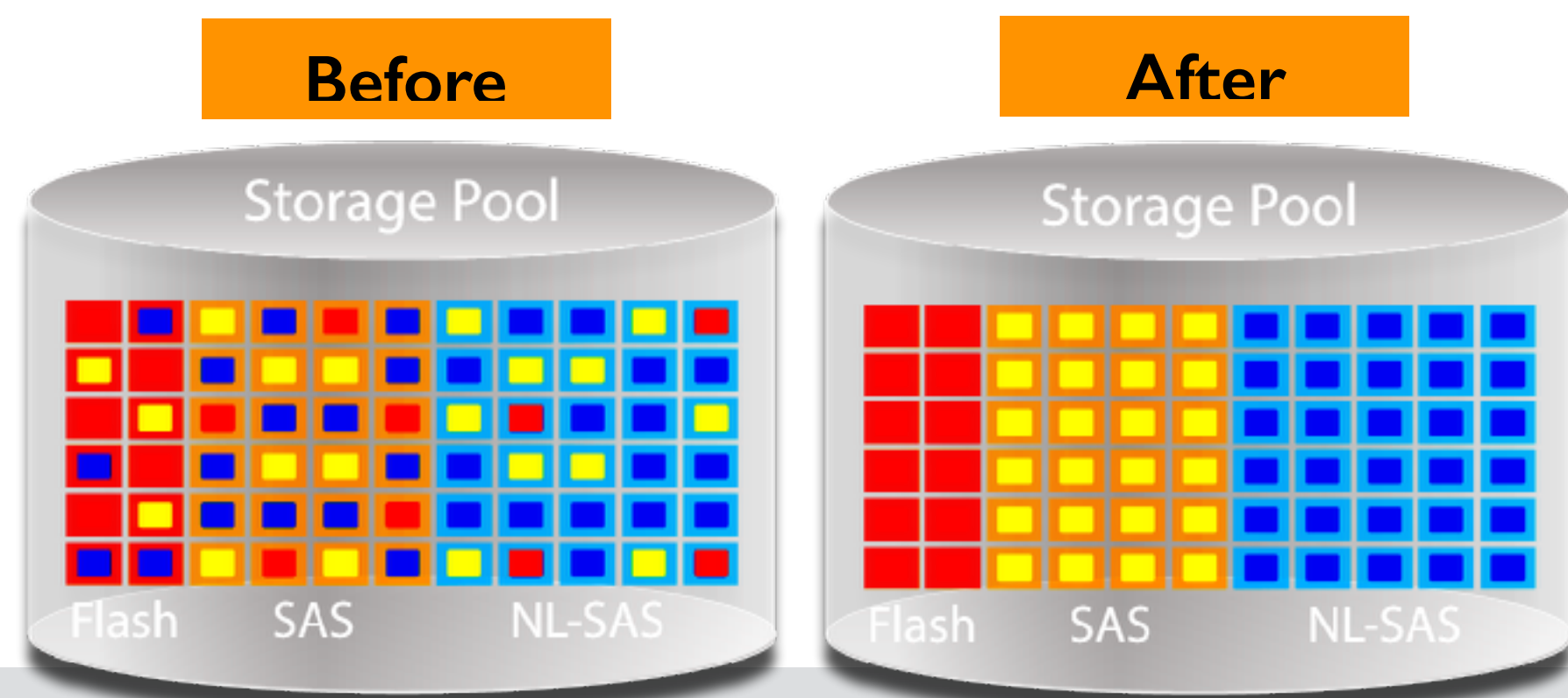
Designed for mission-critical IT tasks, the Enterprise ZFS NAS excels in providing High Availability solutions for file servers, virtualization servers, virtual desktops, online video streaming, snapshots and remote recovery.



Virtualization

Storage for virtualized environments, VMs and containers

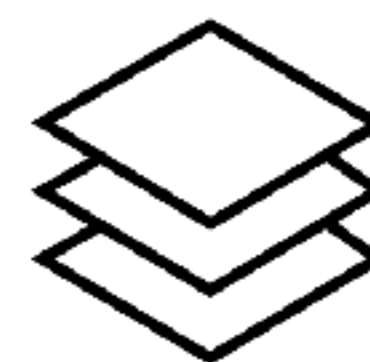
QNAP NAS provides high-performance, reliable and affordable storage solutions for VMware® vSphere™, Microsoft® Hyper-V®, and Citrix® XenServer™. It is also a server to host virtual machines (with Virtualization Station) and containerized apps (with Container Station) for greater usage potential.



■ Most Frequent ■ Normal Activity ■ Seldom Activity



TES-3085U



Qtier™

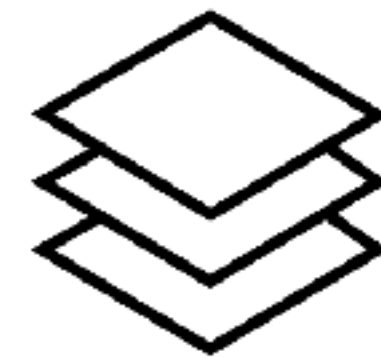
Optimization

Enabling 24/7 optimized storage efficiency

Qtier Technology empowers QNAP NAS with Auto Tiering that helps continuously optimize storage efficiency across SSD, SAS, and SATA drives for around-the-clock acceleration.



TS-453B



QM2: M.2 SSD/10GbE PCIe Expansion Card

**Optimize 10GbE applications with
M.2 SSD caching**

The QM2 series PCIe cards add support for M.2 SSDs and 10GbE RJ45 connectivity (optional) to a QNAP NAS. Combining SSD and 10GbE connectivity into one solution, the QM2 helps improve overall NAS performance while providing an affordable upgrade path for adopting 10GbE networks.



TVS-882



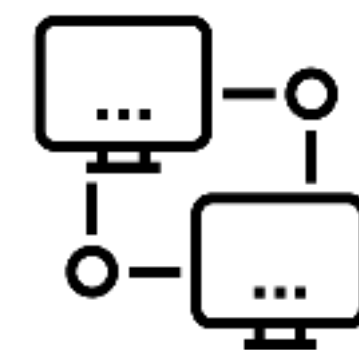
4K live-stream broadcasts

Embracing live-streaming trends

DJ2 Live is an exclusive live broadcasting platform based on a private cloud that supports up to 4K video live-stream broadcasts and stores all the videos on the private, secure, high-capacity QNAP NAS.



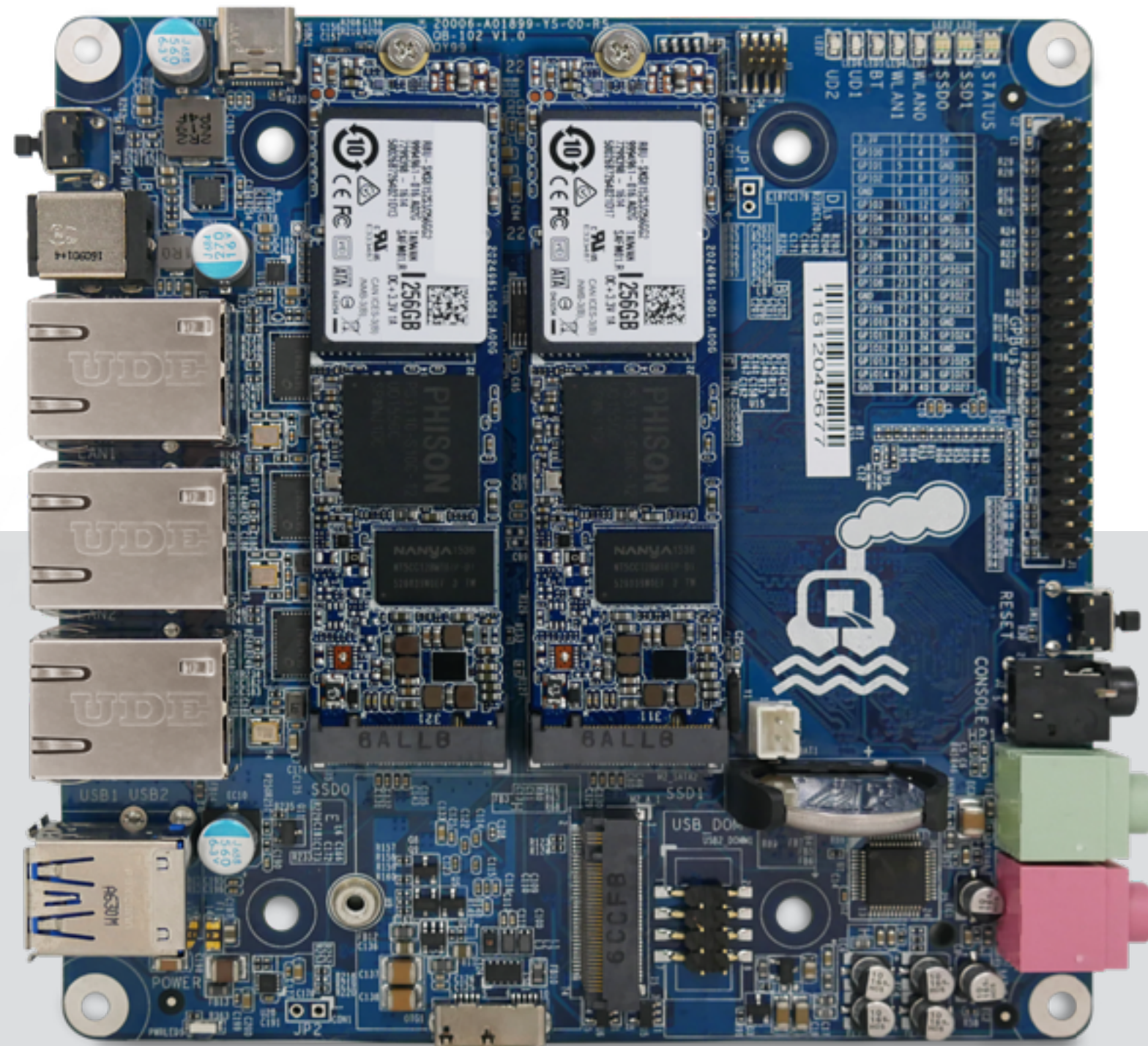
TVS-673e



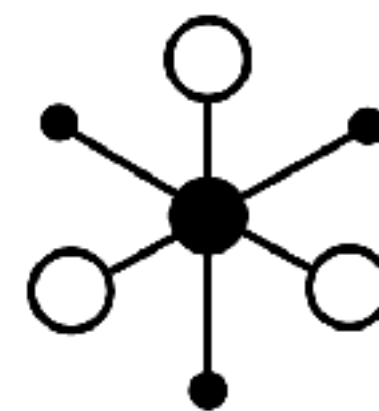
Networking Application

NAS as a wireless base station

The QNAP QW-AC2600 wireless PCIe card and the WirelessAP Station app turns a QNAP NAS into a convenient wireless base station. This solution not only enables QNAP NAS to use fast wireless connectivity for smooth file transfer, but also provides diverse connectivity for building private networks.



QBoat Sunny



Internet of Things


Private IoT cloud platform & IoT server

QIoT Suite provides easily-adoptable practical modules for developers, accelerating IoT development and services. QBoat Sunny (QTS IoT Server) helps connect and manage IoT devices and applications to provide a handy solution for the great potential industrial demands of IoT.



QNAP **Innovates**

Full-throttle innovations accommodating comprehensive
business & home entertainment applications.



Web Automation Service

**User-defined NAS rules and
services**



IFTTT Agent allows connecting your QNAP NAS with apps like Gmail, Facebook, and Twitter to automate daily tasks based on user-defined rules to boost productivity.

Centralized Device Management

Single point solution for networked computing devices



QRM+ is QNAP's Centralized Remote Management solution that provides a single-point solution for IT administrators to discover, map, monitor and manage IPMI-compatible Windows and Linux devices such as Servers/PCs/Thin Clients.

Multi-zone Home Entertainment

**NAS as a multimedia control
center across devices**



Cinema28 is a centralized management platform for multimedia streaming devices, allowing users to stream media files from a single platform, greatly enriching multimedia experiences for home and SOHO users.

File Management Solutions

**Simplified file organization and
data search tools**



Qfiling automates your file organization - all you need to do is categorize your files, set a schedule, and leave the rest to Qfiling.

File Management Solutions

**Simplified file organization and
data search tools**



Qsirch is an exclusive whole-NAS search engine that supports file indexing, content preview, personalized search filters, enhanced email search and management of stored emails.

Workplace Productivity

- Website Access

**Convenient Tool for Securely
Accessing a Private Network**



Browser Station provides virtual browsers on QNAP NAS, allowing to remote access to protected data on the same LAN as the QNAP NAS without going through complex VPN settings.

Workplace Productivity

- Management

**Manage multiple e-mail accounts
and contacts easily**



QmailAgent is an online email client that helps you manage multiple email accounts, allowing quick access and backup of all your emails from different accounts to a single NAS.

Workplace Productivity

- Management

**Manage multiple e-mail accounts
and contacts easily**



Qcontactz allows you to centrally manage a growing number of contacts and presents an always-online database of contact information that can be accessed from any computer or mobile device.

Workplace Productivity

- Collaboration

Hybrid cloud solution for collaborative writing



With Notes Station, users can write documents collectively, track changes, retain revision history, and share & backup files.

IP Surveillance Solution

**NAS works perfectly as a video
surveillance server**



QVR Pro integrates video surveillance features into QTS, providing user-defined recording storage space, cross-platform client tools, easy storage expansion, camera control, and intelligent storage management functions.

OpenStack Deployment Solution

**Fast integration of QNAP NAS
with OpenStack environment**



QNAP's Cinder driver supports OpenStack Ocata, turning QNAP's enterprise-grade NAS into an integral part of OpenStack ecosystems, providing businesses with a flexible, easy-to-use, and low-cost storage solution.

Backup & Synchronization

**File sharing and syncing across
devices**



Qsync enables efficient file synchronization between a QNAP NAS and linked devices such as computers, laptops and mobile devices.

Backup & Synchronization

**File sharing and syncing across
devices**



Hybrid Backup Sync consolidates backup, restoration and synchronization functions into a single QTS app for data transfer to local, remote and cloud storage spaces.



Alliance

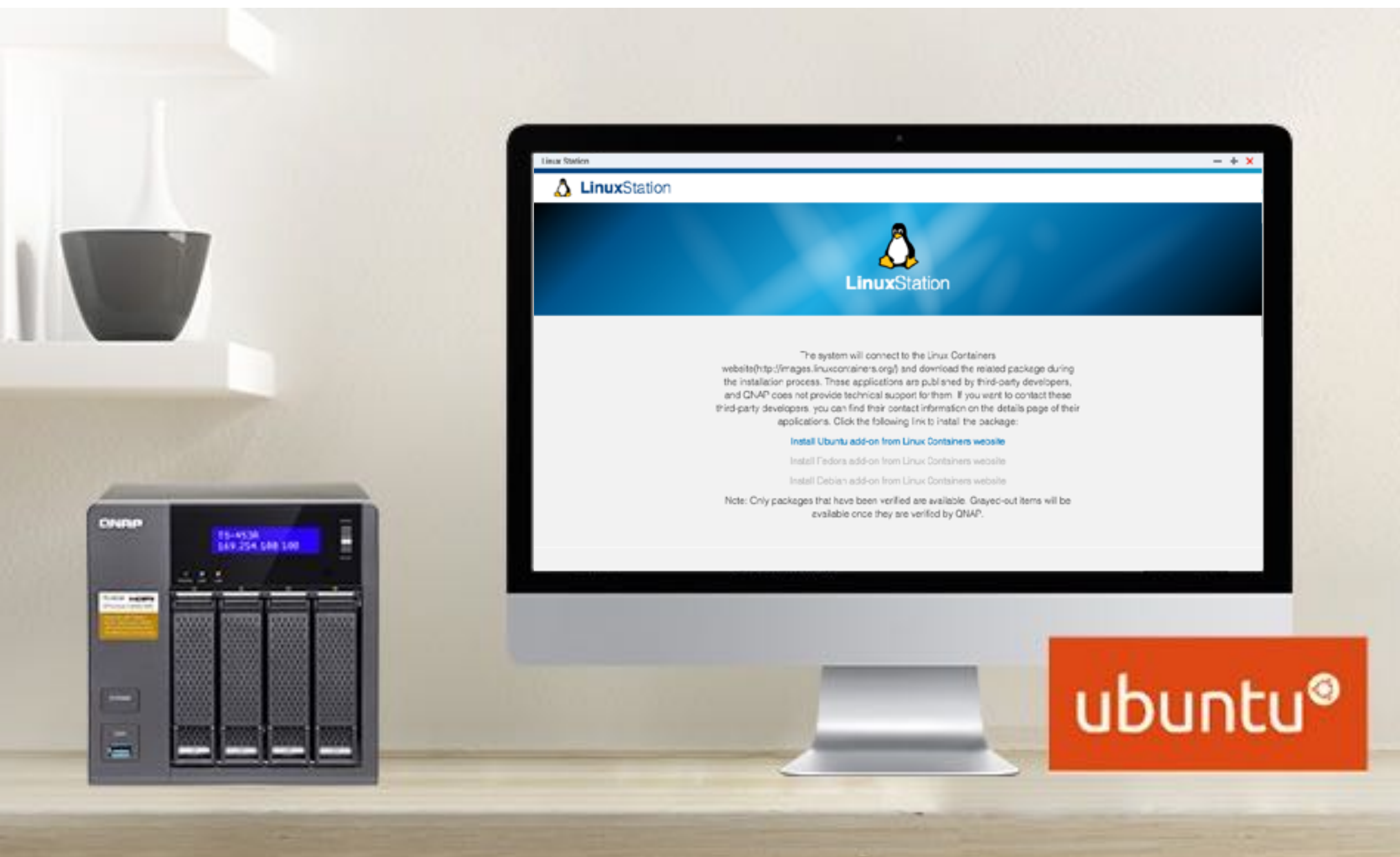


QNAP X Panasonic Highly-secure optional backup solution



QNAP NAS in combination with Panasonic's optical disc-based Data Archiver System delivers a secure, durable storage solution that can last for 100 years.

QNAP X Canonical **Dual operating systems**



Leveraging QNAP's QTS OS and Ubuntu, Linux Station provides an advanced platform for the development of Internet of Things (IoT) services and applications.

QNAP X Nakivo All-in-one Backup Solution for VM Backup



QNAP has teamed up with NAKIVO® to provide NAKIVO Backup & Replication v7, a high-performance yet affordable VM backup solution that is fully integrated with QNAP NAS.



More Feature-rich Applications





Storage

QNAP NAS provides a secure, high-capacity centralized file center to store up to petabytes of data.

- RAID support
- Cross-platform file sharing (SMB/CIFS, AFP, WebDAV, and NFS)
- VJBOD (Virtual JBOD) for using a QNAP NAS to expand the capacity of other QNAP NAS
- Scalable design with QNAP expansion enclosures



Backup

QNAP NAS assists in mitigating data loss with complete data backup and disaster recovery options.

- Desktop/laptop backup
- Business critical backup and recovery
- VM backup
- Remote backup (RTRR, rsync) Volume & LUN Snapshots
- Hybrid Backup Sync consolidates backup, restoration and synchronization between local, remote and cloud storage.



Productivity

QNAP NAS provides various apps and features to multiply productivity to quickly finish more tasks

- SSD Cache
- QvPC Technology
- Q'center
- CloudLink
- exFAT support



Virtualization

QNAP NAS is virtualization-ready, and supports hosting VMs and containers as cost-efficient storage with optimized performance

- Virtualization Readiness - Storage for virtualization
- Virtualization Station - Hosts multiple VMs on the NAS
- Container Station - Integrates LXC and Docker lightweight containerized virtualization





Multimedia

QNAP NAS is an all-in-one multimedia center to collect, back up and share multimedia files for a complete entertainment experience

- Photo Station, Music Station
- Media Streaming via DLNA, Apple TV, Chromecast, Plex Server or Roku platform
- Multi-zone multimedia streaming
- Media transcoding
- HDMI connectivity for 1080p/4K video playback
- OceanKTV - a NAS-based karaoke system



Surveillance

QNAP NAS provides a comprehensive surveillance solution for safeguarding office and home environments with 24/7 security

- Surveillance Station, a professional network surveillance video management system
- User-friendly management interface
- Real-time monitoring, video & audio recording and playback
- Over 3,000 compatible IP camera models
- Expandable IP camera channel licenses
- Vmobile and Vcam mobile apps for iOS and Android devices
- Milestone IP surveillance platform



QIoT

QIoT Suite Lite: QNAP's private IoT cloud platform for microservices-based architectural patterns as applied to IoT systems

- QNAP NAS with large storage capacity
- Well-rounded security
- Protocols for IoT (MQTT, MQTTS, HTTP, HTTPS, CoAP)
- Shorter design lifecycle
- Scalability for micro services
- Integrated with public clouds



QNAP Mobile Apps

QNAP provides numerous apps for iOS, Android, and Windows-based mobile devices to increase the flexibility, manageability and accessibility of QNAP NAS services



Qfile



Qmanager



Qmusic



Qphoto



Qvideo



Qnotes



Qget



Vmobile



Qremote



OceanKTV
Client



QNAP Utilities

QNAP provides a range of specialized utilities to bring out the best of QNAP NAS



Qfinder Pro



myQNAPcloud
Connect



Qsync



NetBak
Replicator



vSphere (Web)
Client plug-in



Q'center
Virtual
Appliance



QNAP
Snapshot Agent



QVR
Client

QNAP on the Web

Let's connect



www.qnap.com



[Instagram](#)



[Facebook](#)



[Twitter](#)



[YouTube](#)



[Google+](#)



Thank you
