



# 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.



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SALES  
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RAID  
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QUALITY  
NETWORK  
APPLIANCE  
PROVIDER



**QNAP®**



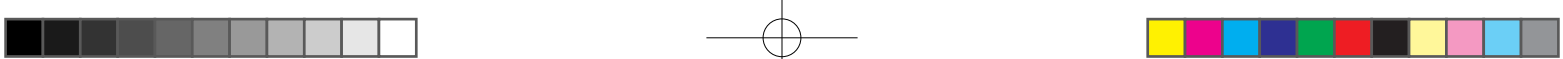
# PRODUCT OVERVIEW

## NAS & SWITCH



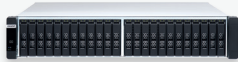
ONLINE  
OVERVIEW





# QNAP NAS

## ESx86dc Series



Per controller:  
Intel® Xeon® D-2142IT CPU  
bis zu 64 GB ECC RAM  
SAS & SATA compatibility  
4 x 10GbE SFP+  
2 x PCIe Gen3  
Redundant Power

16 & 24 Bay Dual-Controller Rackmount NAS

## TDS-h2489FU



2 x Intel® Xeon® Silver 4300 Series CPU  
up to 1TB ECC RAM  
2 x 25GbE SFP28 SmartNIC  
2 x PCIe Gen4  
2 x M.2 SSD Slots  
Redundant Power

24 Bay U.2/SATA All-Flash ZFS Rackmount NAS

## TS-hx90FU Series



AMD EPYC™ 7000 Series CPU  
up to 256 GB ECC RAM  
4 x 25GbE SFP28 SmartNIC  
up to 5 x PCIe Gen4  
Redundant Power

10 & 24 Bay U.2 All-Flash ZFS Rackmount NAS

## TS-h3077AFU



AMD Ryzen™ 7000 Series CPU  
up to 64 GB DDR5 RAM  
2 x 10GbE-T  
3 x PCIe Gen4  
Redundant Power

30 Bay SATA All-Flash ZFS Rackmount NAS

## TS-h1290FX



AMD EPYC™ 7000 Series (8-16C/16-32T)  
up to 256 GB ECC RAM  
2 x 25GbE SFP28 SmartNIC  
4 x PCIe Gen4

12 Bay U.2 All-Flash ZFS Tower NAS

## TS-hx87XU-RP Series



Intel® Xeon® E2300 (4-8C/8-16T)  
up to 64 GB ECC RAM  
2 x 10GbE-T  
up to 3 x PCIe Gen4  
Redundant Power

9, 18, 22 & 30 Bay Hybrid Rackmount ZFS NAS

## TS-h1886XU-RP R2



Intel® Xeon® D-1622 (4C/8T)  
32 GB ECC RAM  
2 x 10GbE SFP+  
up to 3 x PCIe Gen2  
Redundant Power

18 Bay Rackmount ZFS NAS

## TS-hx77AXU-RP Series



AMD Ryzen™ 7000 Series CPU  
up to 32 GB DDR5 RAM  
2 x 10GbE-T  
3 x PCIe Gen4  
2 x M.2 PCIe Gen5 SSD Slots  
Redundant Power

12 & 16 Bay Rackmount ZFS NAS

## TVS-hx88X Series



Intel® Xeon® W-1250 (6C/12T)  
up to 32 GB ECC RAM  
2 x 10GbE-T  
3 x PCIe Gen3  
2 x M.2 SSD Slots  
Thunderbolt™ Support via PCIe

12 & 16 Bay Hybrid Tower ZFS NAS

## TS-x73AU Series



AMD Ryzen™ Embedded V1500B (4C/8T)  
up to 16 GB RAM  
2 x 2.5 GbE  
up to 2 x PCIe Gen3  
up to 2 x M.2 SSD Slots  
Redundant Power & Short depth variants

8, 12 & 16 Bay Rackmount NAS

## TVS-hx74 Series



Intel® Core™ 12th Gen CPU  
up to 64 GB RAM  
up to 2 x Thunderbolt™ 4  
2.5 GbE | 10GbE variant  
up to 2 x PCIe Gen4  
2 x M.2 SSD Slots

4, 6 & 8 Bay Tower ZFS NAS

## TS-h973AX



AMD Ryzen™ Embedded V1500B (4C/8T)  
up to 32 GB RAM  
1 x 10GbE-T

9 Bay Hybrid Tower ZFS NAS

## TVS-675



ZhaoXin KX-U6580 (8C)  
8 GB RAM  
2 x 2.5 GbE  
2 x PCIe Gen3  
2 x M.2 SSD Slots

6 Bay Tower NAS

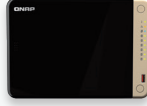
## TS-x73A Series



AMD Ryzen™ Embedded V1500B (4C/8T)  
8 GB RAM  
2 x 2.5 GbE  
2 x PCIe Gen3  
2 x M.2 SSD Slots

4, 6 & 8 Bay Tower NAS

## TS-x64 Series



Intel® Celeron® N5095 (4C)  
8 GB RAM  
2 x 2.5 GbE  
up to 1 x PCIe Gen3  
2 x M.2 SSD Slots

2, 4 & 6 Bay Tower NAS

## TS-x55 Series



Intel® Atom® C5125 (8C)  
8 GB RAM  
up to 1 x 10GbE-T  
up to 3 x PCIe Gen3  
2 x M.2 SSD Slots

8 & 16 Bay Hybrid Tower ZFS NAS

## TS-x55eU Series



Intel® Atom® C5125 (8C)  
8 GB RAM  
2 x 2.5 GbE  
2 x PCIe Gen3  
2 x M.2 SSD Slots  
Redundant Power variant

8 Bay Short depth Rackmount ZFS NAS

## TBS-464



Intel® Celeron® N5105 (4C)  
8 GB RAM  
2 x 2.5 GbE  
NASbook for Multimedia & Streaming  
2 x HDMI ports

4 Slot M.2 2280 NVMe SSD NASbook

## TBS-h574TX



Intel® Core™ 13th Gen CPU  
up to 16 GB RAM  
2 x Thunderbolt™ 4  
1 x 10GbE-T  
5 x E1S or M.2 SSD

5 Bay Thunderbolt ZFS NASbook

## TS-i410X



Intel® Atom® x6425E (4C)  
8 GB RAM  
2 x 10GbE-T  
Silent, no fan  
9V ~ 36V DC wide-range power supply

4 Bay Silent NAS

## TS-410E



Intel® Celeron® J6412 (4C)  
8 GB RAM  
2 x 2.5 GbE  
Silent, no fan

4 Bay Silent NAS

## TS-AI642



ARM® Cortex-A76 + Cortex-A55 SoC (8C)  
6 TOPS NPU  
8 GB RAM  
1 x 2.5 GbE  
1 x PCIe Gen3

6 Bay AI Tower NAS

## TS-x32PXU Series



Alpine AL324 ARM® Cortex-A57 (4C)  
up to 4 GB RAM  
2 x 10GbE SFP+  
1 x PCIe Gen2  
Redundant Power variants

4, 8 & 12 Bay Rackmount NAS

## TS-435XeU



Marvell OCTEON TX2™ CN9130 / CN9131 (4C)  
4 GB RAM  
2 x 10GbE SFP+  
2 x M.2 SSD Slots  
Short depth

4 Bay Rackmount NAS

## TS-h765eU



Intel® Atom® x7405C (4C)  
8 GB DDR5 RAM  
2 x 2.5GbE RJ45  
4 x 3.5" Bays + 3 x E1S/M.2 Slots

7 Bay Hybrid Rackmount NAS

## TS-431XeU



Alpine AL314 32-bit ARM® Cortex-A15 (4C)  
up to 8 GB RAM  
1 x 10GbE SFP+  
Short depth

4 Bay Rackmount NAS

## TS-x32PX Series



Alpine AL324 ARM® Cortex-A57 (4C)  
4 GB RAM  
1 x 10GbE SFP+  
up to 1 x PCIe Gen2

8 & 9 Bay Tower NAS

## TS-431X3



Alpine AL314 32-bit ARM® Cortex-A15 (4C)  
4 GB RAM  
1 x 10GbE SFP+

4 Bay Tower NAS

## TS-x64U Series



Intel® Celeron® N5095 (4C)  
up to 8 GB RAM  
2 x 2.5 GbE  
up to 1 x PCIe Gen3  
up to 2 x M.2 SSD Slots  
Redundant Power & Short depth variants

4, 8 & 12 Bay Rackmount NAS

## TS-x32X Series



Alpine AL524 (4C)  
4 GB RAM  
up to 2 x 10GbE SFP+  
1 x PCIe Gen3

4 & 6 Bay Tower NAS

## TS-x53E Series



Intel® Celeron® J6412 (4C)  
8 GB RAM  
2 x 2.5 GbE  
2 x M.2 SSD Slots

2 & 4 Bay Tower NAS

## TS-x62 Series



Intel® Celeron® N4505 (2C)  
4 GB RAM  
1 x 2.5 GbE  
1 x PCIe Gen3  
2 x M.2 SSD Slots

2 & 4 Bay Tower NAS

## TS-364



Intel® Celeron® N5095 (4C)  
8 GB RAM  
1 x 2.5 GbE  
2 x M.2 SSD Slots

3 Bay Tower NAS

## HS-264



Intel® Celeron® N5105 (4C)  
8 GB RAM  
2 x 2.5 GbE  
Silent, no fan  
NASbook for Multimedia & Streaming  
2 x HDMI ports

2 Bay NASbook

## TS-216G



ARM® Cortex-A55 (4C)  
4 GB RAM  
1 x 2.5 GbE

2 Bay NAS

## TS-x33 Series



ARM® Cortex-A55 (4C)  
up to 4 GB RAM  
up to 1 x 2.5 GbE

1, 2 & 4 Bay NAS

# QNAP SWITCH

## QSW-M7308R-4X



4 x 100 GbE QSFP28  
8 x 25 GbE SFP28  
L3 Lite Managed

Half-Width Rackmount Switch

## QSW-M5216-1T



16 x 25 GbE SFP28  
1 x 10 GbE BASE-T (RJ45)  
Layer 2 Web Managed

Rackmount Switch

## QSW-M32xR Series



8x 10 GbE SFP+  
up to 8x 10 GbE BASE-T (RJ45)  
Layer 2 Web Managed

Half-Width Rackmount Switches

## QSW-M3224-24T



24 x 10 GbE BASE-T (RJ45)  
L3 Lite Managed

Rackmount Switch

## QSW-M2116P-2T2S



2 x 10 GbE SFP+  
2 x 10 GbE BASE-T (RJ45)  
16 x 2.5 GbE (RJ45)  
280 Watt PoE Power budget  
Layer 2 Web Managed

Rackmount PoE Switch

## QSW-IM1200-8C



4 x 10 GbE SFP+  
8 x 10 GbE SFP+/RJ45 Combo-ports  
Layer 2 Web Managed  
Industrial Grade

Rackmount Switch

## QSW-M2108 Series



2 x 10 GbE SFP+ or  
2 x 10 GbE SFP+/RJ45 Combo-ports  
8 x 2.5 GbE (RJ45)  
Layer 2 Web Managed

Desktop Switches

## QSW-M2108R-2C



2 x 10 GbE SFP+/RJ45 Combo-ports  
8 x 2.5 GbE (RJ45)  
Layer 2 Web Managed

Half-Width Rackmount Switch

## QSW-M2106PR-2S2T



2 x 10GbE SFP+  
2 x 10 GbE BASE-T (RJ45)  
6 x 2.5GbE (RJ45)  
310 Watt PoE Power budget  
Layer 2 Web Managed  
Available as a non-PoE model

Half-Width Rackmount PoE Switch

## QSW-M2106 Series



4 x 10 GbE SFP+ or  
4 x 10 GbE SFP+/RJ45 Combo-ports  
6 x 2.5 GbE  
Layer 2 Web Managed

Desktop Switches

## QSW-M408 Series



Up to 4 x 10 GbE SFP+/RJ45 Combo-ports  
8 x 1 GbE  
Layer 2 Web Managed

Desktop Switches

## QSW-3216R-8S8T



8 x 10 GbE SFP+  
8 x 10 GbE BASE-T (RJ45)

Half-Width Rackmount Switch

## QSW-2104 Series



2 x 10 GbE SFP+ or  
2 x 10 GbE BASE-T (RJ45)  
4 x 2.5 GbE (RJ45)

Desktop Switches

## QSW-11XX Series



5/8 x 2.5 GbE (RJ45)

Desktop Switches

## QSW-308 Series



2/3 x 10 GbE SFP+  
1 x 10 GbE SFP+/RJ45 Combo-ports  
8 x 1 GbE (RJ45)

Desktop Switches

## Why choose QNAP



### Versatile storage solutions

From Home NAS to High-capacity and All-flash. There are many great options for any need or budget thanks to a wide range of products.



### Innovative OS

With the operating systems QTS and QuTS hero, QNAP provides robust and easy-to-use solutions that enable advanced and sophisticated features.



### Extensions & Accessories

With a comprehensive catalog to enhance and advance any network infrastructure in addition to our NAS & Switches.



NAS  
SELECTOR

QNAP®

QUALITY  
NETWORK  
APPLIANCE  
PROVIDER

## QGD-1600P Series



2 x 1 GbE SFP/RJ45 Combo-ports  
14 x 1 GbE (RJ45)  
360 Watt PoE Power budget  
Layer 2 Web Managed  
2 x 2.5" Bays  
2 x PCIe Gen2 Slots  
Available as a non-PoE model

PoE ADRA NDR Hybrid Rackmount Switches

## QGD-1602P Series



2 x 10 GbE SFP+  
8 x 2.5GbE (RJ45) · 8 x 1 GbE (RJ45)  
200 Watt PoE Power budget  
Layer 2 Web Managed  
2 x 2.5" Bays + 2 x M.2 PCIe Slots  
2 x PCIe Gen3 Slots  
Available as a non-PoE model

PoE ADRA NDR Hybrid Rackmount Switches

## QGD-3014-16PT



14 x 1 GbE (RJ45)  
2 x 1 GbE SFP/RJ45 Combo-ports  
140 Watt PoE Power budget  
Layer 2 Web Managed  
4 x 3.5" Bays

PoE Hybrid Desktop Switch