



TS-h973AX-32G

CPU	AMD Ryzen™ Embedded V1500B quad-core eight threads 2.2 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	32 GB SO-DIMM DDR4 (2 x 16 GB)
Maximum Memory	64 GB (2 x 32 GB)
Memory Slot	2 x SO-DIMM DDR4 Support ECC memory
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	5 x 3.5-inch + 4 x 2.5-inch
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch U.2 NVMe PCIe Gen3 x4 solid state drives (2.5-inch Bay #1 & #2)
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via the QNA-UC5G1T USB to 5GbE network adapter
10 Gigabit Ethernet Port	1 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Jumbo Frame	Yes

USB 3.2 Gen 2 (10Gbps) Port	1 x Type-C USB 3.2 Gen 2 3 x Type-A USB 3.2 Gen 2
Form Factor	Tower
LED Indicators	HDD 1-5, SSD 1-4, Power/Status, LAN, USB
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	182.65 × 224.6 × 224.1 mm
Weight (Net)	3.52 kg
Weight (Gross)	5.12 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	External, 120 W, AC 100 to 240 V
Power Consumption: HDD Sleep Mode	41.2 W
Power Consumption: Operating Mode, Typical	55.41 W
Fan	1 x 140mm, 12VDC
Sound Level	22.9 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.