QNAP

TS-h973AX-8G

CPU	AMD Ryzen™ Embedded V1500B 4-core/8-thread 2.2 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8 GB SODIMM DDR4 (1 x 8 GB)
Maximum Memory	64 GB (2 x 32 GB)
Memory Slot	2 x SODIMM DDR4 Support optional ECC memory For dual-DIMM configuration, you must use a pair of identical DDR4 modules.
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	5 x 3.5-inch + 4 x 2.5-inch The system is shipped without HDD/SSD. For the HDD/SSD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 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) * 2.5-inch bay #1 & #2 support either U.2 NVMe SSDs or SATA 6Gb/s SSDs. ** U.2 NVMe solid-state drives can only be installed in 2.5-inch bay numbers 1 and 2. Installing these drives in other bays will damage the drive connectors.
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M)

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)
Wake on LAN (WOL)	Yes
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)	176.5 × 224.6 × 224.1 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	4.34 kg
Weight (Gross)	5.08 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 Tested with drives fully populated.
Fan	1 x 140mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	3
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	2000

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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.