



TS-h973AX-32G

| | |
|--------------------------------|--|
| 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 | 32 GB SODIMM DDR4 (2 x 16 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 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) * 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.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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.