



TS-h973AX-32G

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|---|---|
| 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 |
| Flash Memory | 5GB (Dual boot OS protection) |
| Drive Bay | 5 x 3.5-inch + 4 x 2.5-inch |
| Drive Compatibility | <p>3.5-inch bays:</p> <ul style="list-style-type: none"> 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives <p>2.5-inch bays:</p> <ul style="list-style-type: none"> 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 (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 |

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| 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 |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| 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.

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

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