



## 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<br>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"> <li>3.5-inch SATA hard disk drives</li> <li>2.5-inch SATA hard disk drives</li> <li>2.5-inch SATA solid state drives</li> </ul> <p>2.5-inch bays:</p> <ul style="list-style-type: none"> <li>2.5-inch SATA hard disk drives</li> <li>2.5-inch SATA solid state drives</li> <li>2.5-inch U.2 NVMe PCIe Gen3 x4 solid state drives (2.5-inch Bay #1 &amp; #2)</li> </ul> |
| 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<br>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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