



TS-873A-8G

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| CPU | AMD Ryzen™ Embedded V1500B 4-core/8-thread 2.2 GHz processor |
| CPU Architecture | 64-bit x86 |
| Graphic Processors | Optional via a PCIe adapter |
| Floating Point Unit | Yes |
| Encryption Engine | Yes (AES-NI) |
| Hardware-accelerated Transcoding | Optional via a PCIe adapter |
| System Memory | 8 GB SODIMM DDR4 |
| Maximum Memory | 64 GB (2 x 32 GB) |
| Memory Slot | 2 x SODIMM DDR4 Support ECC memory For dual-DIMM configurations, you must use a pair of identical DDR4 modules. |
| Flash Memory | 5GB (Dual boot OS protection) |
| Drive Bay | 8 x 3.5-inch SATA 6Gb/s, 3Gb/s |
| Drive Compatibility | 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives |
| Hot-swappable | Yes The following are not hot-swappable: M.2 SSDs, SSD cache drives, SSDs using PCIe expansion slots. |
| M.2 Slot | 2 x M.2 2280 PCIe Gen3 x1 slots The M.2 SSD is not included as standard. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from QNAP or a third-party provider) on the M.2 SSD. |
| SSD Cache Acceleration Support | Yes |
| GPU pass-through | Yes |

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| 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 a PCIe adapter |
| 10 Gigabit Ethernet Port | Optional via a PCIe adapter |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |
| PCIe Slot | <p>2</p> <p>Slot 1: PCIe Gen 3 x4</p> <p>Slot 2: PCIe Gen 3 x4</p> <p>Card dimensions for PCIe slot 1~Slot 2 : 200 x 131.15 x 18.76 mm / 7.87 x 5.16 x 0.74 inches.</p> <p>Wider cards can be installed if the next PCIe slot will not be used.</p> |
| USB 3.2 Gen 2 (10Gbps) Port | <p>3 x Type-A USB 3.2 Gen 2 10Gbps</p> <p>1 x Type-C USB 3.2 Gen 1 5Gbps</p> |
| HDMI™ Output | Optional via a PCIe adapter |
| Form Factor | Tower |
| LED Indicators | Status/Power, USB, LAN, Drive 1-8, M.2 SSD 1-2 |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | <p>180.2 x 329.3 x 279.6 mm</p> <p>Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)</p> |
| Weight (Net) | 7.4 kg |
| Weight (Gross) | 8.3 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 | 250W, 100-240V AC, 50-60Hz, 3.5A |
| Power Consumption: Disk Standby Mode | 25.668 W |
| Power Consumption: Operating Mode, Typical | <p>54.067 W</p> <p>Tested with drives fully populated.</p> |
| Fan | <p>System fan: 2 x 120mm</p> <p>CPU fan: 1 x 60mm</p> |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |

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| 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.

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