


## TS-473A-8G

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| CPU | AMD Ryzen™ Embedded V1500B quad-core 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 SO-DIMM DDR4 (1 x 8 GB) |
| Maximum Memory | 64 GB (2 x 32 GB) |
| Memory Slot | 2 x SO-DIMM DDR4<br>Support ECC memory |
| Flash Memory | 5GB (Dual boot OS protection) |
| Drive Bay | 4 x 3.5-inch SATA 6Gb/s, 3Gb/s |
| Drive Compatibility | 3.5-inch SATA hard disk drives<br>2.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives |
| Hot-swappable | Yes |
| M.2 SSD Slot | 2 x M.2 2280 PCIe Gen3 x1 slots |
| SSD Cache Acceleration Support | Yes |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M) | 2 |
| 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 |

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| PCIe Slot | 2<br>Slot 1: PCIe Gen 3 x4<br>Slot 2: PCIe Gen 3 x4 |
| USB 3.2 Gen 2 (10Gbps) Port | 3 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps<br>1 x Type-C USB 3.2 Gen 1 5V/1A 5Gbps |
| IR Sensor | Yes (QNAP RM-IR004) |
| HDMI Output | Optional via a PCIe adapter |
| Form Factor | Tower |
| LED Indicators | Status/Power, USB, LAN, Drive 1-4, M.2 SSD 1-2 |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 188.2 × 199.3 × 280.8 mm |
| Weight (Net) | 5.03 kg |
| Weight (Gross) | 6.04 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: HDD Sleep Mode | 19.576 W |
| Power Consumption: Operating Mode, Typical | 29.792 W |
| Fan | System fan: 1 x 120mm<br>CPU fan: 1 x 60mm |
| Sound Level | 21.4 db(A) |
| System Warning | Buzzer |

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.
* Sound Level Test
Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.
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