

TS-473A-8G

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
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	4 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
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	2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4 Card dimensions for PCIe slot 1~Slot 2：200 x 68.9 x 18.76 mm / 7.87 x 2.71 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used.
USB 3.2 Gen 2 (10Gbps) Port	3 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps 1 x Type-C USB 3.2 Gen 1 5V/1A 5Gbps
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)	180.2 × 199.3 × 279.6 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	5.54 kg
Weight (Gross)	6.15 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	19.576 W
Power Consumption: Operating Mode, Typical	29.792 W Tested with drives fully populated.
Fan	System fan: 1 x 120mm CPU fan: 1 x 60mm
System Warning	Buzzer
Standard Warranty	3 years

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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