



TS-1635AX-8G

CPU	Marvell ARMADA 8040 ARMv8 Cortex-A72 4-core 1.6 GHz processor
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	8 GB UDIMM DDR4 (1 x 8 GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x U-DIMM DDR4
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	12 x 3.5-inch + 4 x 2.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 SATA SSD slots
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen 3 x2 Slot 2: PCIe Gen 3 x1

USB 3.2 Gen 1 port	3
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
Audio Output	- (The line out jack and speaker are no longer available on units manufactured on or after 2021/1/1)
Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, HDD1-12, SSD 1-4, M.2 SSD 1-2
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	303.84 × 369.89 × 319.8 mm
Weight (Net)	12.06 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	ATX 250W, Input: 100-240 Vac~, 50-60Hz, 3.5A
Power Consumption: HDD Sleep Mode	39.74 W
Power Consumption: Operating Mode, Typical	76.69 W
Fan	System fan: 3 x 92mm, 12VDC CPU fan: 1 x 60mm, 12VDC
Other Interfaces	Kensington security slot
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	700

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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