

TS-1635AX-8G (Legacy)

CPU	Marvell ARMADA 8040 ARMv8 Cortex-A72 4-core 1.6 GHz processor
CPU Architecture	64-bit ARM
Encryption Engine	Yes
System Memory	8 GB UDIMM DDR4
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 solid state drives 2.5-inch bays: 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 SATA SSD 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
Gigabit Ethernet Port (RJ45)	2 Expandable with an optional PCIe adapter
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 Card dimensions for PCIe slot 1：260 x 111.15 x 37.52 mm / 10.25 x 4.38 x 1.48 inches. Card dimensions for PCIe slot 2：150 x 68.9 x 37.52 mm / 5.90 x 2.71 x 1.48 inches.
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)	11.96 × 14.56 × 12.59 inch
Weight (Net)	26.59 lbs
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: Disk Standby Mode	39.74 W
Power Consumption: Operating Mode, Typical	76.69 W Tested fully populated with 1TB hard drives and 120GB solid-state drives.
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
Standard Warranty	2 years
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 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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