



TS-1635AX-8G (EOL)

CPU	Marvell ARMADA 8040 ARMv8 Cortex-A72 quad-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)	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: 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
Sound Level	23 db(A)
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.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS. Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.