



TS-1635AX-8G

| | |
|--------------------------------|--|
| 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 SSD 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 |
| Sound Level | 23 db(A) |
| Other Interfaces | Kensington security slot |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |

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.