

TS-435XeU-4G

CPU	Marvell OCTEON TX2™ CN9130 / CN9131 ARMv8 Cortex-A72 4-core 2.2GHz processor
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4 GB SODIMM DDR4 (1 x 4GB)
Maximum Memory	32 GB (1 x 32 GB)
Memory Slot	1 x SO-DIMM DDR4
Flash Memory	4GB (Dual boot OS protection)
Drive Bay	4 x 3.5-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
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 PCIe Gen 3 x1 slots
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 2.0 port	2
USB 3.2 Gen 1 port	2
Form Factor	1U Rackmount

LED Indicators	HDD 1-4, Status, LAN, USB, M.2 SSD 1-2
Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 430 × 292.12 mm
Weight (Net)	4.17 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	100W PSU, 100-240V
Power Consumption: HDD Sleep Mode	17.367 W
Power Consumption: Operating Mode, Typical	30.878 W
Fan	3 x 40mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	1500

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.
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