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 SODIMM DDR4 QTS Firmware version 5.0.1(0426) and later will support ECC.
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 solid state drives
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 PCIe Gen 3 x1 slots Compatible with NVMe SSD PCIe Gen 3 and above. Please refer to https://www.qnap.com/compatibility/ for compatibility.
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M)
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 Short Depth Rackmount
LED Indicators	HDD 1-4, Status, LAN, USB, M.2 SSD 1-2
Buttons	Power, Reset
Dimensions (HxWxD)	1.7 × 16.93 × 11.5 inch Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	10.82 lbs
Weight (Gross)	12.83 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	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
Standard Warranty	3
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 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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