

TS-464U-8G

CPU	Intel® Celeron® N5095 4-core/4-thread processor, burst up to 2.9 GHz
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	8 GB SODIMM DDR4 Since 2024/01
Maximum Memory	16 GB (2 x 8GB)
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 (Not supported M.2 SSD)
M.2 Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M/10M)
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via network adaptor
10 Gigabit Ethernet Port	Optional via network adaptor Optional via PCIe expansion card
Wake on LAN (WOL)	Yes

Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x2 Card dimensions for PCIe slot：210 x 68.9x 18.76 mm / 8.27 x 2.71 x 0.74 inches.
USB 2.0 port	2
USB 3.2 Gen 2 (10Gbps) Port	2 x Type A USB 3.2 Gen2
HDMI™ Output	1, HDMI™ 1.4b
Form Factor	1U Rackmount
LED Indicators	HDD 1-4, Status, LAN, Expansion, Power
Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 430 × 479 mm
Weight (Net)	7.52 kg
Weight (Gross)	9.46 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	250W (x1), 100-240V
Power Consumption: Disk Standby Mode	22.285 W
Power Consumption: Operating Mode, Typical	36.81 W Tested with drives fully populated.
Fan	2 x 40mm, 12VDC
System Warning	Buzzer
Standard Warranty	3 years
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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