



## TS-464U-8G

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| 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 (1 x 8 GB)<br>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:<br>3.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives |
| Hot-swappable                             | Yes  |
| 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<br>Optional via PCIe expansion card                     |
| Wake on LAN (WOL)                         | Yes  |

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| Jumbo Frame   | Yes   |
| PCIe Slot   | 1<br>Slot 1: PCIe Gen 3 x2<br><br>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: HDD Sleep Mode                               | 22.285 W  |
| Power Consumption: Operating Mode, Typical                      | 36.81 W<br><br>Tested with drives fully populated.  |
| Fan   | 2 x 40mm, 12VDC   |
| System Warning  | Buzzer  |
| 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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