



| TS-464U-4G | |
|---|---|
| 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 | 4 GB SODIMM DDR4 (1 x 4 GB) |
| Maximum Memory | 16 GB (2 x 8 GB) |
| Memory Slot | 2 x SODIMM DDR4 When installing two memory modules, please ensure that they are the same size and ideally use the same type of RAM for both memory slots. |
| 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 | Optional via a PCIe adapter Compatible with NVME PCIe Gen3 & Gen4 SSDs, 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/10M) |
| 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) | Optional via network adaptor |

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|---|---|
| 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) | 6.6 kg |
| Weight (Gross) | 8.54 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 Tested with drives fully populated. |
| Fan | 2 x 40mm, 12VDC |
| System Warning | Buzzer |
| 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. 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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