



## TS-464-8G

| 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<br>Transcoding          | Yes   |
| System Memory                                | 8 GB RAM  |
| Maximum Memory                               | 8 GB  |
| Flash Memory                                 | 4GB (Dual boot OS protection)   |
| Drive Bay                                    | 4 x 3.5-inch SATA 6Gb/s   |
|  | The system is shipped without HDD.<br>For the HDD compatibility list, please visit <u>https://www.qnap.com/compatibility/</u> |
| Drive Compatibility                          | 3.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives  |
| Hot-swappable                                | Yes   |
| M.2 Slot                                     | 2 x M.2 2280 PCIe Gen 3 x1  |
|  | Compatible with NVME PCIe Gen3 & Gen4 SSDs, refer to<br>https://www.qnap.com/compatibility/ for compatibility                 |
| SSD Cache Acceleration<br>Support            | Yes   |
| 2.5 Gigabit Ethernet Port<br>(2.5G/1G/100M)  | 2 (2.5G/1G/100M/10M)  |
| 5 Gigabit Ethernet Port<br>(5G/2.5G/1G/100M) | Optional via PCIe expansion card  |
| 10 Gigabit Ethernet Port                     | Optional via PCIe expansion card  |
| Wake on LAN (WOL)                            | Yes   |

| Jumbo Frame   | Yes   |
|---|---|
| PCIe Slot   | 1<br>Slot 1: PCIe Gen 3 x2  |
|   | Card dimensions for PCIe slot : 190 x 68.9x 18.76 mm / 7.48 x 2.71 x 0.74 inches. |
| USB 2.0 port  | 2   |
| USB 3.2 Gen 2 (10Gbps)  | 2 x Type-A  |
| Port  |   |
| IR Sensor   | Yes (Optional QNAP RM-IR004 remote control)                                       |
| HDMI Output   | 1, HDMI 2.1 (up to 4096 x 2160 @ 60Hz)  |
| Form Factor   | Tower   |
| LED Indicators  | Power/Status, LAN, USB, HDD1-4  |
| Buttons   | Power, USB copy, Reset  |
| Dimensions (HxWxD)  | 168 × 170 × 226 mm  |
| Weight (Net)  | 2.26 kg   |
| Weight (Gross)  | 3.6 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   | 90W adapter, 100-240V   |
| Power Consumption: HDD<br>Sleep Mode                                  | 21.618 W  |
| Power Consumption:<br>Operating Mode, Typical                         | 40.536 W  |
|   | Tested with drives fully populated.   |
| Fan   | 1 x 120mm, 12VDC  |
| System Warning  | Buzzer  |
| Kensington Security Slot  | Yes   |
| Max. Number of<br>Concurrent Connections<br>(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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