


## TS-664-8G

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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 |
| Encryption Engine | Yes (AES-NI) |
| Hardware-accelerated Transcoding | Yes |
| System Memory | 8 GB SODIMM DDR4<br><br>Since 2024/01 |
| Maximum Memory | 16 GB (2 x 8GB) |
| Memory Slot | 2 x SODIMM DDR4 |
| Flash Memory | 4GB (Dual boot OS protection) |
| Drive Bay | 6 x 3.5-inch SATA 6Gb/s<br><br>The system is shipped without HDD.<br>For the HDD compatibility list, please visit https://www.qnap.com/compatibility/ |
| Drive Compatibility | 3.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives |
| Hot-swappable | Yes (Not supported M.2 SSD) |
| M.2 Slot | 2 x M.2 2280 PCIe Gen 3 x1<br><br>If a heatsink is to be installed, it is recommended that the top heatsink dimensions be less than 68 x 20 x 10 mm (L x W x H) |
| 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 PCIe expansion card |

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| 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<br><br>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) Port | 2 x Type-A |
| 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, HDD1-6 |
| Buttons | Power, USB copy, Reset |
| Dimensions (HxWxD) | 165 × 235 × 226.5 mm<br><br>Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model) |
| Weight (Net) | 2.94 kg |
| Weight (Gross) | 5.1 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 | 120W adapter, 100-240V |
| Power Consumption: Disk Standby Mode | 23.22 W |
| Power Consumption: Operating Mode, Typical | 44.02 W<br><br>Tested with drives fully populated. |
| Fan | 2 x 90mm, 12VDC |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| 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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