



## TS-855eU-RP-8G

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|---|--|
| CPU                                       | Intel ® Atom® C5125 8-core processor, 2.8GHz   |
| CPU Architecture                          | 64-bit x86   |
| Floating Point Unit                       | Yes  |
| Encryption Engine                         | Yes (AES-NI)   |
| System Memory                             | 8 GB SODIMM DDR4 (1 x 8 GB)  |
| Maximum Memory                            | 64 GB ( 2 x 32 GB)   |
| Memory Slot                               | 2 x SODIMM DDR4<br>Support ECC memory  |
| Flash Memory                              | 5GB (Dual boot OS protection)  |
| Drive Bay                                 | 8 x 3.5-inch SATA 6Gb/s, 3Gb/s   |
| Drive Compatibility                       | 3.5-inch SATA hard disk drives<br>2.5-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 Gen3 x 4)   |
| 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 a network adapter   |
| 10 Gigabit Ethernet Port                  | Optional via a network adapter   |
| 25 Gigabit Ethernet Port                  | Optional via a network adapter   |
| Wake on LAN (WOL)                         | Yes  |
| Jumbo Frame                               | Yes  |

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| PCIe Slot   | 2 x PCIe Gen3 (x4)<br>Slot 1: PCIe Gen 3 (x4)<br>Slot 2: PCIe Gen 3 (x4) |
| USB 3.2 Gen 1 port  | 4  |
| HDMI Output   | Optional via a PCIe graphics card  |
| Form Factor   | 2U Short Depth Rackmount   |
| LED Indicators  | HDD 1-8, Status, LAN, USB, Power   |
| Buttons   | Power, Reset   |
| Dimensions (HxWxD)  | 88.6 × 432 × 297.4 mm  |
| Weight (Net)  | 8.15 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   | 2 x 300W PSU, 100 - 240V   |
| Power Consumption: HDD Sleep Mode                               | 54.331 W   |
| Power Consumption: Operating Mode, Typical                      | 78.73 W  |
| Fan   | 3 x 60mm, 12VDC  |
| System Warning  | Buzzer   |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 2000   |

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.

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