

## TS-855eU-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 Gen 3 x 4) |
| SSD Cache Acceleration Support | Yes |
| SR-IOV | 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) | 7.61 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 PSU, 100 - 240V |
| Power Consumption: HDD Sleep Mode | 49.799 W |
| Power Consumption: Operating Mode, Typical | 79.113 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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