



TS-855X-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 UDIMM DDR4 (1 x 8 GB) |
| Maximum Memory | 128 GB (4 x 32 GB) |
| Memory Slot | 4 x U-DIMM DDR4 Support ECC memory |
| Flash Memory | 5GB (Dual boot OS protection) |
| Drive Bay | 6 x 3.5-inch + 2 x 2.5-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 2.5-inch bays: 2.5-inch SATA solid state drives |
| Hot-swappable | Yes |
| M.2 Slot | 2 x M.2 2280 PCIe Gen 3 x4 slots |
| SSD Cache Acceleration Support | Yes |
| SR-IOV | Yes |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M) | 2 (2.5G/1G/100M) |
| 10 Gigabit Ethernet Port | 1 x 10GBASE-T |
| 25 Gigabit Ethernet Port | Optional via PCIe expansion card |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |

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| PCIe Slot | 2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4 |
| USB 2.0 port | 1 |
| USB 3.2 Gen 1 port | 3 |
| Form Factor | Tower |
| LED Indicators | Power/Status, LAN, USB, HDD1-6, SSD 1-2, M.2 SSD 1-2 |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 231.9 × 292.9 × 319.8 mm |
| Weight (Net) | 8.5 kg |
| Weight (Gross) | 10.11 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: Operating Mode, Typical | 75.79 W |
| Fan | System fan: 2 x 80mm, 12VDC CPU fan: 1 x 90mm, 12VDC |
| Other Interfaces | Kensington security slot |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Standard Warranty | 3 |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 700 |

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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