



## TS-855X-8G

**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 non-ECC 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

|   |   |
|---|---|
| PCIe Slot   | 2<br>Slot 1: PCIe Gen 3 x4<br>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:<br>Operating Mode, Typical                         | 75.79 W   |
| Fan   | System fan: 2 x 80mm, 12VDC<br>CPU fan: 1 x 90mm, 12VDC |
| Other Interfaces  | Kensington security slot                                |
| System Warning  | Buzzer  |
| Kensington Security Slot  | Yes   |
| Standard Warranty   | 3   |
| Max. Number of<br>Concurrent Connections<br>(CIFS) - with Max. Memory | 2500  |

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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