

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 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/10M)
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 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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