



TS-1655-8G

CPU Intel® Atom® C5125 8-core processor, up to 2.8GHz

CPU Architecture 64-bit x86

Floating Point Unit Yes

Encryption Engine Yes

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 12 x 3.5-inch + 4 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 Gen3 x2 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 Optional via PCIe expansion card

25 Gigabit Ethernet Port Optional via PCIe expansion card

Wake on LAN (WOL) Yes

Jumbo Frame Yes

PCIe Slot	3 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4 Slot 3: PCIe Gen 3 x4
USB 3.2 Gen 1 port	4
Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, HDD1-12, SSD 1-4, M.2 SSD 1-2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	303.84 × 369.89 × 319.8 mm
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	550W, 100-240V
Power Consumption: HDD Sleep Mode	94.957 W
Power Consumption: Operating Mode, Typical	104.65 W
Fan	System fan: 3 x 92mm, 12VDC CPU fan: 2 x 97mm, 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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