



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 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 2.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 3.5-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  SR-IOV Yes  2.5 Gigabit Ethernet Port (2.5G/1G/100M/10M)  5 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	TS-855eU-RP-8G	
Floating Point Unit  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 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 2.5-inch SATA hard disk drives 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  2.5 Gigabit Ethernet Port (2.5G/1G/100M)  Optional via a network adapter  Under the protect of the protect	CPU	Intel ® Atom® C5125 8-core processor, 2.8GHz
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Maximum Memory       64 GB ( 2 x 32 GB)         Memory Slot       2 x SODIMM DDR4 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 2.5-inch SATA hard disk drives 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         25 Gigabit Ethernet Port       Optional via a network adapter         25 Gigabit Ethernet Port       Optional via a network adapter         Wake on LAN (WOL)       Yes	Encryption Engine	Yes (AES-NI)
Memory Slot  2 x SODIMM DDR4 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 2.5-inch SATA hard disk drives 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  SR-IOV  Yes  2 (2.5G/1G/100M/10M)  5 Gigabit Ethernet Port (5G/2.5G/1G/100M)  Optional via a network adapter  25 Gigabit Ethernet Port Optional via a network adapter  Wake on LAN (WOL)  Yes	System Memory	8 GB SODIMM DDR4 (1 x 8 GB)
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 2.5-inch SATA hard disk drives 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  SR-IOV  Yes  2.5 Gigabit Ethernet Port (2.5G/1G/100M)  Optional via a network adapter  5 Gigabit Ethernet Port (5G/2.5G/1G/100M)  Optional via a network adapter  Optional via a network adapter  Wake on LAN (WOL)  Yes	Maximum Memory	64 GB ( 2 x 32 GB)
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Drive Compatibility  3.5-inch SATA hard disk drives 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  SR-IOV  Yes  2.5 Gigabit Ethernet Port (2.5G/1G/100M)  5 Gigabit Ethernet Port (5G/2.5G/1G/100M)  Optional via a network adapter  Optional via a network adapter  25 Gigabit Ethernet Port Wake on LAN (WOL)  Yes	Flash Memory	5GB (Dual boot OS protection)
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SSD Cache Acceleration Support  SR-IOV Yes  2.5 Gigabit Ethernet Port (2.5G/1G/100M)  5 Gigabit Ethernet Port (5G/2.5G/1G/100M)  Optional via a network adapter  Optional via a network adapter  25 Gigabit Ethernet Port Optional via a network adapter  Wake on LAN (WOL)  Yes	Hot-swappable	Yes
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(2.5G/1G/100M)  5 Gigabit Ethernet Port (5G/2.5G/1G/100M)  10 Gigabit Ethernet Port Optional via a network adapter  25 Gigabit Ethernet Port Optional via a network adapter  Wake on LAN (WOL) Yes	SR-IOV	Yes
(5G/2.5G/1G/100M)  10 Gigabit Ethernet Port Optional via a network adapter  25 Gigabit Ethernet Port Optional via a network adapter  Wake on LAN (WOL) Yes		2 (2.5G/1G/100M/10M)
25 Gigabit Ethernet Port Optional via a network adapter  Wake on LAN (WOL) Yes		Optional via a network adapter
Wake on LAN (WOL) Yes	10 Gigabit Ethernet Port	Optional via a network adapter
	25 Gigabit Ethernet Port	Optional via a network adapter
Jumbo Frame Yes	Wake on LAN (WOL)	Yes
	Jumbo Frame	Yes

PCIe Slot	2 x PCIe Gen3 (x4) Slot 1: PCIe Gen 3 (x4) 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)	8.15 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	2 x 300W PSU, 100 - 240V
Power Consumption: HDD Sleep Mode	54.331 W
Power Consumption: Operating Mode, Typical	78.73 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. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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