



TS-h3088XU-RP-W1270-64G

CPU	Intel® Xeon® W-1270 8-core/16-thread processor, up to 5.0 GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	64 GB UDIMM DDR4 ECC (4 x 16 GB)
Maximum Memory	128 GB (4 x 32 GB)
Memory Slot	4 x UDIMM DDR4 For dual-DIMM configurations, you must use a pair of identical DDR4 modules.
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	Front: 24 x 2.5-inch SATA 6Gb/s, 3Gb/s Rear: 6 x 2.5-inch SATA 6Gb/s, 3Gb/s The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	2.5-inch bays: 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	4 (2.5G/1G/100M)
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via an adapter
10 Gigabit Ethernet Port	Optional via an adapter
25 Gigabit Ethernet Port	2

Wake on LAN (WOL)	Yes Only the 2.5GbE port
Jumbo Frame	Yes
PCIe Slot	3 Slot 1: PCIe Gen3 x8 or x4 Slot 2: PCIe Gen3 x4 Slot 3: PCIe Gen3 x4 *Slot 1 is preinstalled with a 25GbE network adapter. Please reserve this slot for the 25GbE adapter for the best performance. **Slot 1 provides the width of PCIe Gen3 x8 when Slot 2 is not in use, and provides the width of PCIe Gen3 x4 when Slot 2 is in use. Card dimensions for PCIe slot 1 : 200 x 68.9 x 28.76 mm / 7.87 x 2.71 x 1.13 inches. Card dimensions for PCIe slot 2 : 200 x 68.9 x 18.76 mm / 7.87 x 2.71 x 0.74 inches. Card dimensions for PCIe slot 3 : 200 x 68.9 x 18.76 mm / 7.87 x 2.71 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used.
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-C USB 3.2 Gen 2 10Gbps 2 x Type-A USB 3.2 Gen 2 10Gbps
HDMI Output	1, HDMI 1.4b (up to 4096 x 2160 @ 30Hz)
Form Factor	Rackmount
LED Indicators	HDD, Status, 10 GbE, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 481.07 × 515.02 mm Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	12.26 kg
Weight (Gross)	17.87 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	550W(x2), 100-240V
Power Consumption: HDD Sleep Mode	129.57 W
Power Consumption: Operating Mode, Typical	261.81 W Tested with drives fully populated.
Fan	3 x 60mm, 12VDC
System Warning	Buzzer

Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10,000
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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. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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