

TS-h3087XU-RP-E2378-64G

CPU	Intel® Xeon® E-2378 8C 16T 2.6GHz, up to 4.8GHz
CPU Architecture	64-bit x86
Graphic Processors	Optional via a PCIe adapter
Encryption Engine	Yes (AES-NI)
System Memory	64 GB ECC DDR4
Maximum Memory	128GB (4 x 32 GB)
Memory Slot	4 x ECC UDIMM DDR4 For dual-DIMM configuration, you must use a pair of identical DDR4 modules.
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	30 (24 x 3.5-inch SATA + 6 x 2.5-inch SATA)
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 (Not supported M.2 SSD)
M.2 Slot	Optional via a QM2 PCIe adapter
SSD Cache Acceleration Support	Yes
GPU pass-through	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M)
10 Gigabit Ethernet Port	2 x 10GBASE-T (10G/5G/2.5G/1G/100M)
25 Gigabit Ethernet Port	Optional via a PCIe adapter
Wake on LAN (WOL)	Yes

PCIe Slot	3 (2 x Gen4 x4 +1 x Gen 4 x8) Card dimensions for PCIe slot 1：260 x 131.15 x 54.16 mm / 10.24 x 5.16 x 2.13 inches Card dimensions for PCIe slot 2：300 x 131.15 x 54.16 mm / 11.81 x 5.16 x 2.13 inches Card dimensions for PCIe slot 3：300 x 131.15 x 18.76 mm / 11.81 x 5.16 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	4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps
HDMI™ Output	Optional via a PCIe adapter
Form Factor	4U Rackmount
LED Indicators	Status (Green/Red) LAN (Green) USB (Blue) HDD status (Green/Red)
Buttons	Power, Reset
Dimensions (HxWxD)	176.2 × 441.6 × 630.2 mm
Weight (Net)	23.79 kg
Weight (Gross)	29.13 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	800W (x2) PSU
Power Consumption: Disk Standby Mode	149.92 W
Power Consumption: Operating Mode, Typical	219.03 W
Fan	4 x 80mm, 12VDC
Standard Warranty	5 years
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	11000

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 and refer to the hardware user manual to install compatible QNAP memory modules.
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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