



## TS-h2287XU-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

**Floating Point Unit** Yes

**Encryption Engine** Yes (AES-NI)

**System Memory** 64 GB ECC DDR4 (4 x 16 GB)

**Maximum Memory** 128GB (4 x 32 GB)

**Memory Slot** 4 x ECC UDIMM DDR4

**Flash Memory** 5GB (Dual boot OS protection)

**Drive Bay** 22 (16 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

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**Hot-swappable** Yes

**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)

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	3U Rackmount
LED Indicators	Status (Green/Red) LAN (Green) USB (Blue) HDD status (Green/Red)
Buttons	Power, Reset
Dimensions (HxWxD)	131.3 × 482.2 × 550.8 mm
Weight (Net)	15.64 kg
Weight (Gross)	22.08 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 550W PSU
Power Consumption: HDD Sleep Mode	165.39 W
Power Consumption: Operating Mode, Typical	228 W
Fan	3 x 60mm + 1 x 80mm, 12VDC
Standard Warranty	3
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.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

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