



TS-h2287XU-RP-E2378-64G

CPU Intel® Xeon® E-2378 8C 16T 2.6GHz, up to 4.8GHz

CPU Architecture 64-bit x86

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 hard disk drives
 2.5-inch SATA solid state drives

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 2.5-inch SATA solid state drives

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)

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

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

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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