



TS-h987XU-RP-E2334-16G

CPU	Intel® Xeon® E-2334 4C 8T 3.4GHz, up to 4.8GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	16 GB ECC DDR4 (1 x 16 GB)
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	9 (4 x 3.5-inch SATA + 5 x 2.5-inch U.2 PCIe / SATA) 2.5-inch bays: #1: PCIe Gen3 x2 & SATA 6Gbps #2: PCIe Gen3 x2 & SATA 6Gbps #3: PCIe Gen3 x2 & SATA 6Gbps #4: PCIe Gen4 x4 & SATA 6Gbps #5: PCIe Gen4 x4 & SATA 6Gbps
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 U.2/U.3 NVMe PCIe solid state drives 2.5-inch SATA solid state drives The 2.5-inch bay only support maximum 7mm height drives.
Hot-swappable	Yes
M.2 Slot	Optional via a QM2 PCIe adapter
SSD Cache Acceleration Support	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	1 x Gen4 x8 Card dimensions for PCIe slot : 215 x 68.9x 18.76 mm / 8.46 x 2.71 x 0.74 inches
USB 3.2 Gen 2 (10Gbps) Port	4 x Type-A USB 3.2 Gen 2 5V/1A 10Gbps
Form Factor	1U Rackmount
LED Indicators	Status (Green/Red) LAN (Green) HDD status (Green/Red)
Buttons	Power, Reset
Dimensions (HxWxD)	1.7 × 16.93 × 18.86 inch
Weight (Net)	20.94 lbs
Weight (Gross)	25.35 lbs
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
Power Consumption: HDD Sleep Mode	114.6 W
Power Consumption: Operating Mode, Typical	120.58 W
Fan	4 x 40mm, 12VDC
Standard Warranty	5
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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