



TS-1283XU-RP-E2124-8G

CPU	Intel® Xeon® E-2124 4-core 3.3 GHz processor (burst up to 4.3 GHz)
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8 GB UDIMM DDR4 ECC (2 x 4GB)
Maximum Memory	128 GB (4 x 32 GB)
Memory Slot	4 x UDIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	12 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
GPU pass-through	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes

PCIe Slot	4 Slot 1: PCIe Gen 2 x4 (PCH) Slot 2: PCIe Gen 3 x8 (CPU) Slot 3: PCIe Gen 3 x4 (CPU) Slot 4: PCIe Gen 3 x4 (CPU) Slot 4 is preinstalled with a 10GbE network adapter Card dimensions for PCIe slot 1 : 220 x 68.9x 39.08 mm / 8.66 x 2.71 x 1.54 inches. Card dimensions for PCIe slot 2~Slot 4 : 220 x 68.9x 18.76 mm / 8.66 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 4 x Type-A USB 3.2 Gen 2 10Gbps
Form Factor	2U Rackmount
LED Indicators	HDD 1-12, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 482 × 562 mm Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	14.16 kg
Weight (Gross)	16.3 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	300W(x2), 100-240V
Power Consumption: HDD Sleep Mode	61.15 W
Power Consumption: Operating Mode, Typical	105.12 W Tested with drives fully populated.
Fan	System fan: 2 x 60mm, 12VDC
System Warning	Buzzer
Standard Warranty	3
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10000

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.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.