

TS-983XU-RP-E2124-8G	
CPU	Intel® Xeon® E-2124 quad-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	64 GB (4 x 16 GB)
Memory Slot	4 x DDR4 long DIMM
Flash Memory	4GB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch + 5 x 2.5-inch
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  2.5-inch bays: 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen3 x16
USB 3.1 Gen 2 (10Gbps) Port	2 x Type-C USB 3.1 Gen2 5V/3A 10Gbps 4 x Type-A USB 3.1 Gen1 5V/1A 5Gbps
Form Factor	1U Rackmount
LED Indicators	HDD 1-4, SSD 1-5, Status, LAN
Buttons	Power, Reset
Dimensions (HxWxD)	43.3, 482.6, 507.54
Weight (Net)	8.63
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	300W(x2), 100-240V

Power Consumption: Operating Mode, Typical	84.74
Fan	System: 3 x 4.0cm fan (12V DC)
Sound Level	43.3
System Warning	Buzzer

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.

\* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.