

TS-983XU-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	4 x 3.5-inch + 5 x 2.5-inch SATA 6Gb/s, 3Gb/s
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
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x16
USB 3.2 Gen 1 port	4

USB 3.2 Gen 2 (10Gbps) Port	2 x Type-C USB 3.2 Gen 2 10Gbps
Form Factor	1U Rackmount
LED Indicators	HDD 1-4, SSD 1-5, Status, LAN
Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 482.6 × 484.15 mm
Weight (Net)	7.48 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	250W, 100-240V
Power Consumption: Operating Mode, Typical	74.35 W
Fan	System fan: 3 x 40mm, 12VDC
System Warning	Buzzer
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.
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.
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