

TS-1232XU-RP-4G	
CPU	Annapurna Labs Alpine AL-324 ARMv8 Cortex-A57 quad-core 1.7 GHz processor Architecture: 64-bit Encryption Engine: Yes
System Memory	4 GB DDR4 (1 x 4GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x DDR4 Long-DIMM slot
Drive Bay	12 x 3.5-inch SATA 6 Gbps bays
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
SSD Cache Acceleration Support	3.5-inch bays 1 to 12 Optional: SSDs on an optional QM2 PCIe expansion card
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Gigabit Ethernet Port	2 x RJ45
USB Port	4 x USB 3.1 Gen 1 Type-A
PCIe Slot	Slot 1: 2.0 x2
Form Factor	Rackmount
Dimensions (H x W x D)	89 x 482 x 534 mm 3.5 x 18.98 x 21.02 inch
Net Weight	13 kg (28.66 lbs)
Power Supply Unit	2 x ATX 250 W, 100 - 240 V AC, 50/60 Hz, 5A - 2.5A
Power Consumption (W)	HDD sleep: 42.61 W In Operation: 77.09 W
Fan	2 x 7 cm fans (12 V DC)
Sound Level	31.7 dB(A)
Operating Temperature & Relative Humidity	0 ~ 40°C (32°F ~ 104°F), 5 ~ 95% RH non-condensing, wet bulb temp.: 27°C (80.6°F)

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.