



TS-1232XU-RP-4G (EOL)

CPU	AnnapurnaLabs Alpine AL324 ARM® Cortex-A57 quad-core 1.7GHz processor
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4 GB UDIMM DDR4 (1 x 4 GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x Long-DIMM DDR4
Flash Memory	512 MB (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 hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2
USB 3.2 Gen 1 port	4
Form Factor	2U Rackmount

LED Indicators	HDD 1-12, Status, LAN, Storage expansion
Buttons	Power, Reset
Dimensions (HxWxD)	89 × 482 × 534 mm
Weight (Net)	11.34 kg
Weight (Gross)	17.27 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 (x2) PSU, 100 - 240V
Power Consumption: HDD Sleep Mode	42.61 W
Power Consumption: Operating Mode, Typical	77.09 W
Fan	2 x 70mm, 12VDC
Sound Level	31.7 db(A)
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	700

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.

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.