QNAP

TS-1232XU-RP-4G

CPU	AnnapurnaLabs Alpine AL-324 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
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 SSD Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Jumbo Frame	Yes
PCIe Slot	1 x PCIe Gen2 (x2)
USB 3.0 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)	11.41 kg
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	250W (x2) PSU, 100 - 240V

Power Consumption: HDD Sleep Mode	48 W
Power Consumption: Operating Mode, Typical	88.27 W With drives fully populated
Fan	2 x 70 mm, 12V DC
Sound Level	47.6 db(A)
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.