



TS-231P2-4G

CPU	AnnapurnaLabs Alpine AL314 32-bit ARM® Cortex-A15 4-core 1.7GHz processor
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4 GB SODIMM DDR3 RAM
Maximum Memory	8 GB (1 x 8GB)
Memory Slot	1 x SO-DIMM DDR3L/DDR3
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	2 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
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 3.2 Gen 1 port	3
Form Factor	Tower
LED Indicators	Power, Status, LAN, USB, HDD1-2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	169 × 102 × 219 mm

Weight (Net)	1.46 kg
Weight (Gross)	2.46 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	External Power Adapter, 65W, 100-240V
Power Consumption: HDD Sleep Mode	8.81 W
Power Consumption: Operating Mode, Typical	23.66 W
Fan	1 x 70mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	400

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.