QNAP

TS-431P2-4G

CPU	AnnapurnaLabs Alpine AL314 32-bit ARM® Cortex-A15 quad-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	4 x 3.5" 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
Jumbo Frame	Yes
USB 3.2 Gen 1 port	3
Form Factor	Tower
LED Indicators	Power, Status, LAN, USB, HDD1-4
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	169 × 160 × 219 mm
Weight (Net)	2.01 kg

Weight (Gross)	3.5 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	External Power Adapter,90W, 100-240V
Power Consumption: HDD Sleep Mode	21.3 W
Power Consumption: Operating Mode, Typical	23.72 W
Fan	1 x 120mm, 12VDC
Sound Level	19.5 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS)	1500

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.