

TS-431P3-2G

CPU	AnnapurnaLabs, an Amazon company Alpine AL314, 4-core, 1.7GHz
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	2GB SO-DIMM DDR3
Maximum Memory	8GB DDR3
Memory Slot	1 x SO-DIMM DDR3
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	4x 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)	1
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	1
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 × 160 × 219 mm
Weight (Net)	2.01 kg
Weight (Gross)	3.5 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	90W Adapter, 100-240V
Power Consumption: HDD Sleep Mode	11.65 W
Power Consumption: Operating Mode, Typical	26.7 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) - 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.
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