QNAP

TS-431K

CPU	AnnapurnaLabs, an Amazon company Alpine AL214, 4-core, 1.7GHz
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	1GB DDR3
Maximum Memory	1GB 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)	2
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 3.2 Gen 1 port	2
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)	3.47 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	11.928 W
Power Consumption: Operating Mode, Typical	26.57 W
Fan	1 x 120mm, 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.

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