



TS-231K

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 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)	2.49 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	60W/65W Adapter, 100-240V
Power Consumption: HDD Sleep Mode	8.46 W
Power Consumption: Operating Mode, Typical	15.6 W
Fan	1 x 7 cm smart fan (12V DC)
Sound Level	19.2 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. 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.