**QNAP**



## TS-431K

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|---|---|
| CPU | AnnapurnaLabs, an Amazon company Alpine AL214, 4-core, 1.7GHz |
| CPU Architecture | 32-bit ARM |
| Wake on LAN (WOL) | Yes |
| 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:<br>3.5-inch SATA hard disk drives<br>2.5-inch SATA hard disk drives<br>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 |

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|---|---|
| Weight (Gross) | 3.47 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 | 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 |
| Sound Level | 21.3 db(A) |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Max. Number of Concurrent Connections (CIFS) | 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.

Designs and specifications are subject to change without notice.