



## TS-231K

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|--------------------------------|--|
| 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:<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, HDD1-2  |
| Buttons                        | Power, Reset, USB Auto Copy  |
| Dimensions (HxWxD)             | 169 × 102 × 219 mm   |
| Weight (Net)                   | 1.46 kg  |
| Weight (Gross)                 | 2.49 kg  |

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|--|--|
| 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                            | 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) | 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.