



TS-431P3-2G (Legacy)

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| 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 SODIMM DDR3 |
| Maximum Memory | 8GB DDR3 |
| Memory Slot | 1 x SODIMM 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(2.5G/1G/100M) |
| Wake on LAN (WOL) | Yes Only the 1GbE port |
| Jumbo Frame | Yes |
| USB 3.2 Gen 1 port | 3 |
| Form Factor | Tower |
| LED Indicators | Power, Status, LAN, USB, HDD1-2 |

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|---|---|
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 165 × 160.2 × 220.5 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 (12VDC), 100-240VAC |
| Power Consumption: HDD Sleep Mode | 11.65 W |
| Power Consumption: Operating Mode, Typical | 26.7 W Tested with drives fully populated. |
| Fan | 1 x 120mm, 12VDC |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Standard Warranty | 2 |
| 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. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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