



TS-431X3-4G

| | |
|--|--|
| 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 | 4 GB SODIMM DDR3 (1 x 4 GB) |
| Maximum Memory | 8 GB (1 x 8 GB) |
| 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) |
| 10 Gigabit Ethernet Port | 1 x 10GbE SFP+ |
| 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, HDD1-4 |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 165 × 160.2 × 220.5 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model) |
| Weight (Net) | 3.19 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 (12VDC), 100-240VAC |
| 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 and refer to the hardware user manual to install compatible QNAP memory modules.

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.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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.