



## TS-231P3-4G

|                                          |                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 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                            | 4GB SODIMM DDR3                                                                                                        |
| Maximum Memory                           | 8GB DDR3                                                                                                               |
| Memory Slot                              | 1 x SODIMM 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)             | 1                                                                                                                      |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M) | 1(2.5G/1G/100M)                                                                                                        |
| 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)                                                        | 2.46 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<br>adapter (12VDC), 100-240VAC           |
| Power Consumption: HDD<br>Sleep Mode                                  | 8.46 W                                           |
| Power Consumption:<br>Operating Mode, Typical                         | 15.6 W                                           |
| Fan                                                                   | 1 x70mm, 12VDC                                   |
| System Warning                                                        | Buzzer                                           |
| Kensington Security Slot                                              | Yes                                              |
| Max. Number of<br>Concurrent Connections<br>(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.

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.