



TS-1232PXU-RP-4G

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| CPU | AnnapurnaLabs Alpine AL324 64-bit ARM® Cortex-A57 4-core 1.7GHz processor |
| CPU Architecture | 64-bit ARM |
| Floating Point Unit | Yes |
| Encryption Engine | Yes |
| System Memory | 4 GB UDIMM DDR4 (1 x 4 GB) |
| Maximum Memory | 16 GB (1 x 16 GB) |
| Memory Slot | 1 x UDIMM DDR4 |
| Flash Memory | 512 MB (Dual boot OS protection) |
| Drive Bay | 12 x 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 |
| M.2 Slot | Optional via a PCIe adapter |
| SSD Cache Acceleration Support | Yes |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M) | 2 (2.5G/1G/100M/10M) |
| 10 Gigabit Ethernet Port | 2 x 10GbE SFP+ |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |
| PCIe Slot | 1 Slot 1: PCIe Gen 2 x2 |
| USB 3.2 Gen 1 port | 4 |
| Form Factor | 2U Rackmount |

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| LED Indicators | HDD 1-12, Status, LAN, Storage expansion |
| Buttons | Power, Reset |
| Dimensions (HxWxD) | 89 × 482 × 534 mm |
| Weight (Net) | 11.34 kg |
| Weight (Gross) | 17.27 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 | 250W (x2) PSU, 100 - 240V |
| Power Consumption: Operating Mode, Typical | 83.57 W |
| Fan | 2 x 70mm, 12VDC |
| System Warning | Buzzer |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 700 |

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.

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