



TS-1253DU-RP-4G

| | |
|--|--|
| CPU | Intel® Celeron® J4125 quad-core 2.0 GHz processor (burst up to 2.7 GHz) |
| CPU Architecture | 64-bit x86 |
| Graphic Processors | Intel® HD Graphics 600 |
| Floating Point Unit | Yes |
| Encryption Engine | Yes (AES-NI) |
| Hardware-accelerated Transcoding | Yes |
| System Memory | 4 GB SO-DIMM DDR4 (1 x 4 GB) |
| Maximum Memory | 8 GB (2 x 4GB) |
| Memory Slot | 2 x SO-DIMM DDR4 |
| Flash Memory | 4GB (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 SSD Slot | Optional via a PCIe adapter |
| SSD Cache Acceleration Support | Drive bays 1 to 2 |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M) | 2 |
| Jumbo Frame | Yes |
| PCIe Slot | 1 Slot 1: PCIe Gen 2 x2 |
| USB 3.2 Gen 1 port | 2 |

| | |
|--|--|
| USB 3.2 Gen 2 (10Gbps) Port | Optional via a PCIe adapter |
| HDMI Output | 1, HDMI 1.4b |
| Form Factor | 2U Rackmount |
| LED Indicators | HDD 1-12, Status, LAN, Expansion, Power |
| Buttons | Power, Reset |
| Dimensions (HxWxD) | 88.7 × 482.2 × 423.8 mm |
| Weight (Net) | 9.43 kg |
| Weight (Gross) | 14.09 kg |
| 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 | 300W (x2), 100-240V |
| Power Consumption: HDD Sleep Mode | 36.233 W |
| Power Consumption: Operating Mode, Typical | 71.195 W |
| Fan | 2 x 80mm, 12VDC |
| Sound Level | 24.6 db(A) |
| System Warning | Buzzer |
| Max. Number of Concurrent Connections (CIFS) | 1500 |

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.