**QNAP**

## TS-251D-4G

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|---|---|
| CPU | Intel® Celeron® J4025/J4005 dual-core 2.0 GHz processor |
| 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 | 2 x 3.5-inch SATA 6Gb/s, 3Gb/s |
| Drive Compatibility | 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 |
| M.2 SSD Slot | Optional via a QM2 PCIe adapter |
| SSD Cache Acceleration Support | Yes |
| Gigabit Ethernet Port (RJ45) | 1 |
| 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) | Expandable with an optional PCIe adapter |
| 10 Gigabit Ethernet Port | Expandable with an optional PCIe adapter |
| Jumbo Frame | Yes |
| PCIe Slot | 1<br>Slot 1: PCIe Gen 2 x4 |

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|---|---|
| USB 2.0 port | 3 |
| USB 3.2 Gen 1 port | 2 |
| USB 3.2 Gen 2 (10Gbps) Port | Optional via a PCIe expansion card |
| IR Sensor | Yes (Optional QNAP RM-IR004 remote control) |
| HDMI Output | 1, HDMI 2.0 |
| Form Factor | Tower |
| LED Indicators | Power/Status, LAN, USB, HDD1-2 |
| Buttons | Power, USB copy, Reset |
| Dimensions (HxWxD) | 168 × 105 × 226 mm |
| Weight (Net) | 1.48 kg |
| Weight (Gross) | 2.58 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 | External Power Adapter, 65W, 100-240V |
| Power Consumption: HDD Sleep Mode | 8.08 W |
| Power Consumption: Operating Mode, Typical | 15.25 W |
| Fan | 1 x 70mm |
| Sound Level | 16.7 db(A) |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Max. Number of Concurrent Connections (CIFS) | 800 |

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.