



TS-451D2-2G

| | |
|----------------------------------|--|
| CPU | Intel® Celeron® J4025 dual-core 2.0 GHz processor (burst up to 2.9 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 | 2 GB SO-DIMM DDR4 (1 x 2 GB) |
| Maximum Memory | 8 GB (2 x 4GB) |
| Memory Slot | 2 x SO-DIMM DDR4 |
| Flash Memory | 4GB (Dual boot OS protection) |
| Drive Bay | 4 x 3.5-inch SATA 6Gb/s, 3Gb/s |
| Drive Compatibility | 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) | 2 |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |
| USB 3.2 Gen 1 port | 4 |
| HDMI Output | 1, HDMI 2.0 (up to 4096 x 2160 @ 60Hz) |
| Form Factor | Tower |
| LED Indicators | Power/Status, LAN, USB, HDD1-4 |

| | |
|--|--|
| Buttons | Power, USB copy, Reset |
| Dimensions (HxWxD) | 165.3 × 160 × 219.4 mm |
| Weight (Net) | 2.09 kg |
| Weight (Gross) | 3.02 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, 90W, AC 100-240 V |
| Fan | 1 x 120mm, 12VDC |
| Sound Level | 18.5 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.