



TS-451D2-2G (Legacy)

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| CPU | Intel® Celeron® J4025 2-core/2-thread 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 SODIMM DDR4 (1 x 2 GB) |
| Maximum Memory | 8 GB (2 x 4GB) |
| Memory Slot | 2 x SODIMM DDR4 For dual-DIMM configuration, you must use a pair of identical DDR4 modules. |
| Flash Memory | 4GB (Dual boot OS protection) |
| Drive Bay | 4 x 3.5-inch SATA 6Gb/s, 3Gb/s The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/ |
| 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 |

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| 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) |
| 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 | External Power Adapter, 90W, AC 100-240 V |
| Fan | 1 x 120mm, 12VDC |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Standard Warranty | 2 |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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