



## TS-453D-8G

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| CPU                                       | Intel® Celeron® J4125 4-core/4-thread 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                             | 8 GB SODIMM DDR4 (2 x 4 GB)  |
| Maximum Memory                            | 8 GB (2 x 4 GB)  |
| Memory Slot                               | 2 x SODIMM 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<br>2.5-inch SATA hard disk drives<br>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)   |
| 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) | Optional via PCIe expansion card   |
| 10 Gigabit Ethernet Port                  | Optional via PCIe expansion card   |
| Wake on LAN (WOL)                         | Yes  |
| Jumbo Frame                               | Yes  |

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| PCIe Slot   | 1<br>Slot 1: PCIe Gen 2 x2                       |
| USB 2.0 port  | 3  |
| USB 3.2 Gen 1 port  | 2  |
| USB 3.2 Gen 2 (10Gbps) Port                                     | Optional via a PCIe adapter                      |
| IR Sensor   | Yes (Optional QNAP RM-IR004 remote control)      |
| 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)  | 6.61 × 6.69 × 8.9 inch                           |
| Weight (Net)  | 4.98 lbs   |
| Weight (Gross)  | 7.94 lbs   |
| 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   | 90W adapter (12VDC), 100-240VAC                  |
| Power Consumption: HDD Sleep Mode                               | 11.3 W   |
| Power Consumption: Operating Mode, Typical                      | 25.98 W  |
| Fan   | 1 x 120mm, 12VDC                                 |
| System Warning  | Buzzer   |
| Kensington Security Slot  | Yes  |
| 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.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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