



TS-251D-4G

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 2.5-inch SATA hard disk drives 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
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes

PCIe Slot	1 Slot 1: PCIe Gen 2 x4
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)
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, 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) - 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.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS. Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.