



TS-653D-8G

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	4 GB (Dual boot OS protection)
Drive Bay	6 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 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
Jumbo Frame	Yes
PCIe Slot	1 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, HDD1-6
Buttons	Power, USB copy, Reset
Dimensions (HxWxD)	168 × 235 × 226 mm
Weight (Net)	2.9 kg
Weight (Gross)	4.56 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	120W adapter (12VDC), 100-240VAC
Power Consumption: HDD Sleep Mode	18.634 W
Power Consumption: Operating Mode, Typical	35.437 W
Fan	2 x 90mm, 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.

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