



## TS-453DU-RP-4G (Legacy)

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	4 GB SODIMM DDR4 (1 x 4 GB)
Maximum Memory	8 GB (2 x 4GB)
Memory Slot	2 x SODIMM DDR4  When installing two memory modules, please ensure that they are the same size and ideally use the same type of RAM for both memory slots.
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 <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a>
Drive Compatibility	3.5-inch bays: 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)

Wake on LAN (WOL)	Yes Only the 2.5GbE port
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2  PCIe bandwidth limitations will restrict the NAS 10GbE performance.
USB 2.0 port	2
USB 3.2 Gen 1 port	2
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
HDMI™ Output	1, HDMI™ 1.4b
Form Factor	1U Rackmount
LED Indicators	HDD 1-4, Status, LAN, Expansion, Power
Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 482.6 × 508.7 mm
Weight (Net)	8.12 kg
Weight (Gross)	10.1 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	250W (x2), 100-240V
Power Consumption: HDD Sleep Mode	30.207 W
Power Consumption: Operating Mode, Typical	45.3 W  Tested with drives fully populated.
Fan	2 x 40mm, 12VDC
System Warning	Buzzer
Standard Warranty	3
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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