TS-453DU-RP-4G

CPU	Intel® Celeron® J4125 quad-core 2.0 GHz 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 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	4 x 3.5-inch SATA 6Gb/s, 3Gb/s
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 SSD Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Drive bays 1 to 2
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2
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)
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
Fan	2 x 40mm, 12VDC
Sound Level	37.5 db(A)
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS)	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.
Designs and specifications are subject to change without notice.