



TS-1253DU-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	12 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 3.2 Gen 1 port	2

USB 3.2 Gen 2 (10Gbps) Port HDMI Output 1, HDMI 1.4b Form Factor 2U Rackmount LED Indicators HDD 1-12, Status, LAN, Expansion, Power Buttons Power, Reset Dimensions (HxWxD) 88.7 × 482.2 × 423.8 mm Weight (Net) 9.43 kg Weight (Gross) 14.09 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 300W (x2), 100-240V Power Consumption: Operating Mode, Typical Fan 2 × 80mm, 12VDC Sound Level 24.6 db(A) System Warning Buzzer Max. Number of Concurrent Connections (CIFS)		
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Power Consumption: HDD 36.233 W Sleep Mode Power Consumption: 71.195 W Operating Mode, Typical Fan 2 x 80mm, 12VDC Sound Level 24.6 db(A) System Warning Buzzer Max. Number of Concurrent Connections	Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Sleep Mode Power Consumption: 71.195 W Operating Mode, Typical Fan 2 x 80mm, 12VDC Sound Level 24.6 db(A) System Warning Buzzer Max. Number of 1500 Concurrent Connections	Power Supply Unit	300W (x2), 100-240V
Operating Mode, Typical Fan 2 x 80mm, 12VDC Sound Level 24.6 db(A) System Warning Buzzer Max. Number of 1500 Concurrent Connections	-	36.233 W
Sound Level 24.6 db(A) System Warning Buzzer Max. Number of 1500 Concurrent Connections	·	71.195 W
System Warning Buzzer Max. Number of 1500 Concurrent Connections	Fan	2 x 80mm, 12VDC
Max. Number of 1500 Concurrent Connections	Sound Level	24.6 db(A)
Concurrent Connections	System Warning	Buzzer
	Concurrent Connections	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.

Designs and specifications are subject to change without notice.

^{*} Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.