QNAP

TS-1253BU-RP-4G

CPU	Intel® Celeron® J3455 quad-core 1.5 GHz processor (burst up to 2.3 GHz)
CPU Architecture	64-bit x86
Graphic Processors	Intel® HD Graphics 500
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	4 GB SODIMM DDR3L (2 x 2 GB)
Maximum Memory	8 GB (2 x 4GB)
Memory Slot	2 x SO-DIMM DDR3L
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
Gigabit Ethernet Port (RJ45)	4
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2
USB 3.2 Gen 1 port	4
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
HDMI Output	1, HDMI 1.4b (up to 3840 x 2160 @ 30Hz)

Form Factor	2U Rackmount
LED Indicators	HDD 1-12, Status, LAN, Expansion, Power
Buttons	Power, Reset
Dimensions (HxWxD)	89 × 482 × 534 mm
Weight (Net)	11.64 kg
Weight (Gross)	15.27 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	ATX 250W (x2), Input: 100V-240V ~ / 5A-2.5A, 50Hz-60Hz
Power Consumption: HDD Sleep Mode	42.7 W
Power Consumption: Operating Mode, Typical	75.9 W
Fan	2 x 70mm, 12VDC
Sound Level	33.2 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.