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 SODIMM DDR3L 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	12 x 3.5-inch
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 x PCIe Gen 2 x (2)
USB 3.0 port	4
USB 3.1 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
HDMI Output	1, HDMI 1.4b
Form Factor	2U Rack Mount
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 With drives fully populated
Fan	2 x 70mm, 12V DC
Sound Level	33.2 db(A)
System Warning	Buzzer

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.