

TS-453BU-2G

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	2 GB DDR3L (1 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	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
Gigabit Ethernet Port (RJ45)	4
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2
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	1U Rackmount
LED Indicators	HDD 1-4, Status, LAN, Expansion, Power
Buttons	Power, Reset
Dimensions (HxWxD)	44 × 439 × 499 mm
Weight (Net)	7.46 kg

Weight (Gross)	9.5 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 (x1), Input: 100V-240V ~ / 5A-2.5A, 50Hz-60Hz
Power Consumption: HDD Sleep Mode	21.3 W
Power Consumption: Operating Mode, Typical	33.72 W
Fan	2 x 40mm, 12V DC
Sound Level	38.7 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.