Hardware Specification

TS-453Be-4G

CPU	Intel® Celeron® J3455 quad-core 1.5 GHz, up to 2.3 GHz
Encryption Acceleration	Yes, (AES-NI)
Graphics	Intel® HD Graphics 500
System Memory	4GB DDR3L (1 x 4GB)
Maximum Memory	8GB
Memory Slot	2 x DDR3L SODIMM slots (For dual-DIMM configuration, you must use a pair of identical DDR3L modules.)
Drive Bay	Hot-swappable 4 x 3.5"/2.5" SATA 6Gb/s HDD/SSD
Gigabit Ethernet Port	2 x RJ45 Gigabit LAN port
10 Gigabit Ethernet Port	Optional 10 Gigabit LAN port via a PCIe expansion card
USB Port	5 x USB 3.0 Type-A ports
PCIe Slot	1 PCIe 2.0 x2 slot
HDMI Output	2 x HDMI v1.4b, up to 3840 x 2160, 30 Hz
Audio	Input: 2 x 3.5mm microphone input jacks Output: speaker, 3.5mm line out jack
LED Indicators	Status/Power, LAN, USB, Drives
Buttons	Power, USB copy, Reset, Capacitive touch buttons (select, enter)
IR sensor	Yes, Optional QNAP RM-IR004 remote control
Security Slot	Kensington security slot
Dimensions (H x W x D)	168 x 170 x 226 mm 6.61 x 6.69 x 8.90 inch
Net Weight	2.33 kg (5.14 lbs)
Operating Temperature & Relative Humidity	0 ~ 40˚C (32˚F ~ 104˚F) / 5~95% RH non-condensing, wet bulb: 27˚C (80.6˚F)
Power Consumption (W)	HDD sleep: 15.00W Typical Operation: 30.04W
Power Supply Unit	90W AC adapter, 100-240V

Fan	1 x 12 cm
Package Contents	NAS, QIG, 2 x RJ45 ethernet cables, AC adapter, power cord, 2.5"/3.5"drive screw kit

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.