



TS-653B-8G (EOL)

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)
Hardware-accelerated Transcoding	Yes
System Memory	8 GB SO-DIMM DDR3L (2 x 4 GB)
Maximum Memory	8 GB (2 x 4 GB)
Memory Slot	2 x SO-DIMM DDR3L
Flash Memory	4 GB (Dual boot OS protection)
Drive Bay	6 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	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 Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	Optional via a PCIe adapter
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2

USB 3.2 Gen 1 port	5
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
USB QuickAccess	1 x USB 3.2 Gen 1 Type-C
SDXC Card Reader	1
IR Sensor	Yes (RM-IR004, RM-IR002, & MCE)
HDMI Output	2, HDMI v1.4b (up to 3840 x 2160 @ 30Hz)
Audio Input	2 x 3.5mm dynamic microphone input jacks
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifier or headphone amplifier)
Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, HDD1-6, SD card, USB QuickAccess
LCD Display/ Button	OLED with capacitive touch buttons
Buttons	Power, USB copy, Reset, Capacitive touch buttons (select, enter)
Dimensions (HxWxD)	168 × 235 × 226 mm
Weight (Net)	3.02 kg
Weight (Gross)	4.63 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	External Power Adapter, 120W, 100-240V
Power Consumption: HDD Sleep Mode	20.62 W
Power Consumption: Operating Mode, Typical	40.33 W
Fan	2 x 90mm
Sound Level	19.6 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	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.
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