QNAP

TBS-453DX-8G

CPU	Intel® Celeron® J4105 quad-core 1.5 GHz processor (burst up to 2.5 GHz)
CPU Architecture	64-bit x86
Graphic Processors	Intel® HD Graphics 600
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	8 GB SO-DIMM DDR4 (2 x 4 GB)
Maximum Memory	8 GB (2 x 4 GB)
Memory Slot	2 x SO-DIMM DDR4
Flash Memory	4GB (Dual boot OS protection)
M.2 SSD Slot	4 x M.2 2280 SATA 6Gb/s slots
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	1
10 Gigabit Ethernet Port	1 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Jumbo Frame	Yes
USB 2.0 port	4
USB 3.0 port	3
IR Sensor	Yes (RM-IR004)
HDMI Output	1, HDMI 2.0 (up to resolution 3840 x 2160 @ 60Hz)
Audio Input	2 x 3.5mm dynamic microphone input jacks
Audio Output	2 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
Form Factor	Set-top design
LED Indicators	SSD1-4
Buttons	Power, Reset, Copy, Audio volume
Dimensions (HxWxD)	30 × 230 × 165 mm
Weight (Net)	0.8 kg
Weight (Gross)	1.7 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	External Power Adapter, 65W, 100-240V
Power Consumption: HDD Sleep Mode	12.38 W
Power Consumption: Operating Mode, Typical	16.52 W
Fan	1 x system fan
Sound Level	15.8 db(A)
System Warning	Voice prompts, Buzzer
Kensington Security Slot	Yes

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.