QNAP

HS-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)
Drive Bay	2 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 SSD Slot	2 x M.2 2280 SATA 6Gb/s slots
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	1
10 Gigabit/ 5 Gigabit Ethernet Port	1 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Jumbo Frame	Yes
USB 2.0 port	2
USB 3.0 port	3 (1 x USB-C, 2 x USB-A)
IR Sensor	Yes (RM-IR004)
HDMI Output	2, HDMI 2.0 (up to resolution 3840 x 2160 @ 60Hz) + HDMI 1.4b (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 ampfliers or speakers)

Form Factor	Set-top design
LED Indicators	Power/Status, HDD1-2
Buttons	Power, Reset
Dimensions (HxWxD)	43.8 × 404 × 220 mm
Weight (Net)	2.4 kg
Weight (Gross)	3.87 kg
Operating temperature	0 - 35 °C (32°F - 95°F)
Relative Humidity	5~95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	External Power Adapter, 90W, 100-240V
Power Consumption: HDD Sleep Mode	13.55 W
Power Consumption: Operating Mode, Typical	22.38 W
Sound Level	6.2 db(A)

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.