QNAP

HS-453DX-8G

CPU	Intel® Celeron® J4105 quad-core 1.5 GHz processor (burst up to 2.5 GHz) Architecture: 64-bit Graphics: Intel® UHD Graphics 600
Encryption Acceleration	Yes, AES-NI
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 (For dual-DIMM configurations, you must use a pair of identical DDR4 modules.)
Flash Memory	4 GB eMMC
Drive Bay	Hot-swappable 2 x 3.5-inch SATA 6 Gbps bays
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
M.2 SSD Slot	2 x M.2 2280 SATA 6Gb/s slots
10 Gigabit Ethernet Port	1 x 10GBASE-T RJ45, supporting 10G/5G/2.5G/1G/100M Note: Please use CAT6a or CAT 7 LAN cables (sold separately) to achieve 10GbE speed
Gigabit Ethernet Port	1 x RJ45
USB Port	2 x USB 2.0 1 x Type-C USB 3.0 2 x Type-A USB 3.0
HDMI Output	1 x HDMI 2.0, up to 3840 x 2160, @60Hz 1 x HDMI 1.4b, up to 3840 x 2160, @30Hz
Audio	2 x 3.5 mm dynamic microphone jack 1 x 3.5 mm line-out jack 1 x speaker Note: You cannot use the speakers and the line-out jack simultaneously.
IR sensor	Yes, supports QNAP RM-IR004 remote control
LED Indicators	HDD 1-2, Status
Buttons	Power, Reset
Form Factor	Set-top design
Dimensions (H x W x D)	43.8 x 404 x 220 mm

Weight	Net weight: 2.40 kg (5.29 lbs)
Power Supply Unit	90W, 100-240V
Power Consumption (W)	HDD sleep: 13.55W In operation: 22.38W with 2 x 1TB HDD + 2 x 256GB SSD.
Sound Level	Background: 6.0 dB(A) 2 x 2.5-inch SATA SSDs: 6.2 dB(A) 2 x 3.5-inch HDDs: Operating: 13.0 dB(A) Standby: 6.2 dB(A)
Operating Temperature & Relative Humidity	0 ~ 35°C (32°F ~ 95°F), 5 ~ 95% RH non-condensing, wet bulb: 27°C (80.6°F)

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.