



HS-453DX-8G

CPU	Intel® Celeron® J4115 4-core/4-thread 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 SODIMM DDR4 (2 x 4 GB)
Maximum Memory	8 GB (2 x 4 GB)
Memory Slot	2 x SODIMM DDR4 For dual-DIMM configuration, you must use a pair of identical RAM modules.
Flash Memory	4GB (Dual boot OS protection)
Drive Bay	2 x 3.5-inch SATA 6Gb/s, 3Gb/s The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	2 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)
Wake on LAN (WOL)	Yes

Jumbo Frame	Yes
USB 2.0 port	2
USB 3.2 Gen 1 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	- (No longer available on units manufactured on or after 2021/1/1)
Audio Output	- (The line out jack and speaker are no longer available on units manufactured on or after 2021/1/1)
Form Factor	Set-top design
LED Indicators	Power/Status, HDD1-2
Buttons	Power, Reset
Dimensions (HxWxD)	41 × 404 × 220 mm
Weight (Net)	3.89 kg
Weight (Gross)	3.89 kg
Operating Temperature	0 - 35 °C (32°F - 95°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, 90W, 100-240V
Power Consumption: HDD Sleep Mode	13.55 W
Power Consumption: Operating Mode, Typical	22.38 W Tested with drives fully populated.
System Warning	Buzzer
Standard Warranty	2
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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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