

QNAP HS-453DX-8G - NAS server



14-05-2024

SKU	HS-453DX-8G
Product Description:	QNAP HS-453DX-8G - NAS server
Device Type:	NAS server
Host Connectivity:	Gigabit Ethernet / 10 Gigabit Ethernet
Installed Devices / Modules Qty:	0 (installed) / 4 (max)
Dimensions (WxDxH):	40.4 cm x 22 cm x 4.38 cm
Weight:	2.4 kg ()
Localisation:	Danish, Hungarian, Czech, Thai, Chinese (traditional), Chinese (simplified), Brazilian Portuguese, English, German, French, Italian, Norwegian, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Romanian, Japanese, Korean

General

Device Type:	NAS server
Host Connectivity:	Gigabit Ethernet / 10 Gigabit Ethernet
Total Storage Capacity:	0 GB
Installed Devices / Modules Qty:	0 (installed) / 4 (max)
Width:	40.4 cm
Depth:	22 cm
Height:	4.38 cm
Weight:	2.4 kg ()
Built-in Devices:	4GB eMMC
Localisation:	Danish, Hungarian, Czech, Thai, Chinese (traditional), Chinese (simplified), Brazilian Portuguese, English, German, French, Italian, Norwegian, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Romanian, Japanese, Korean

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	35 °C
Humidity Range Operating:	5 - 95% (non-condensing)
Sound Emission:	6.2 dBA

Software / System Requirements

OS Required:	UNIX, Linux, Microsoft Windows Server 2003, Microsoft Windows Server 2008 R2, Apple MacOS X 10.7 or later, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Microsoft Windows 7 / 8 / 10, Microsoft Windows Server 2016
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Power

Power Device:	External power adapter
Voltage Required:	AC 120/230 V
Power Consumption Operational:	16.93 Watt

Processor / Memory

Processors Installed:	1 x Intel Celeron J4105 1.5 GHz
Number of Cores:	Quad-Core
Max Supported Qty:	1
Max Turbo Speed:	2.5 GHz
RAM:	8 GB (installed) / 8 GB (supported) - DDR4
Features:	Dual channel memory architecture
Flash Memory Installed:	4 GB

Storage Controller

Type:	RAID
Interface Type:	SATA 6Gb/s
RAID Level:	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, JBOD, RAID 5 hot spare, RAID 6 hot spare, RAID 10 hot spare

Power

Power Provided:	90 Watt
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Miscellaneous

Cables Included:	2 x network cable
Features:	Security lock slot (cable lock sold separately), S.M.A.R.T. support, reset button
Security Slot Type:	Kensington security slot
Compliant Standards:	FIPS 140-2
Included Accessories:	Remote control, thermal pads, 6 x flat head screws (for 2.5" HDD), 8 x flat head screws (for 3.5" HDD), 2 x screws (for M.2 SSD), power cable

Expansion / Connectivity

Expansion Bays:	2 (total) / 2 (free) x hot-swap - 2.5" / 3.5"
Expansion Slots:	2 (total) / 0 (free) x M.2
Interfaces:	1 x Ethernet 1000Base-T - RJ-45 1 x Ethernet 10Gb - RJ-45 2 x HDMI output 2 x USB 2.0 - Type A 1 x USB 3.0 - Type C 2 x USB 3.0 - Type A

Networking

Data Link Protocol:	10Mb LAN, 100Mb LAN, 1GbE, 10GbE
Network / Transport Protocol:	TCP/IP, iSCSI, FTP, DDNS
Remote Management Protocol:	SNMP, Telnet, HTTP, HTTPS, SSH
Network Services Compatibility:	Microsoft Active Directory (AD), Microsoft CIFS, FTP, Server Message Block (SMB), Apple File Protocol (AFP), HTTP, HTTPS, Web-based Distributed Authoring and Versioning (WebDAV)



Networking

Features:

NAT support, load balancing, wake on LAN (WOL), E-mail alert, IPv6 support, Spanning Tree Protocol (STP) support, iTunes server, Jumbo Frames support, DHCP server, SMS alert, IPv4 support, surveillance station, DLNA Media Server, DHCP client, VPN Server, Apple AirPlay, Link Aggregation, push notification, Chromecast support, port trunking, IFTTT agent, FXP support, Qfiling, Qsirch, Qcontactz, Qfinder Pro, Q'center (NAS CMS)

Encryption Algorithm:

SSL, 256-bit AES, AES-NI

Compliant Standards:

DLNA CERTIFIED, UPnP

