QNAP DS720+ NAS Desktop Ethernet LAN Black J4125

Brand : QNAP

Product code: DS720+/24TB-IW

Product name : DS720+

- 4-core 2.0 GHz, burst up to 2.7 GHz
- 2 x built-in M.2 2280 NVMe SSD slots
- Average 15% boost to computing-intensive applications
- Expand up to 7 drives with a DX517 expansion unit

Intel Celeron J4125 (4x 2GHz), 2GB DDR4, 2x 2.5"/3.5" SATA, 2x M.2 NVMe, 2x RJ-45, 2x USB3.0, eSATA QNAP DS720+. Total installed storage capacity: 24 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: Intel® Celeron®, Processor manufacturer: Intel, Processor model: J4125. Internal memory: 2 GB, Internal memory type: DDR4, Maximum RAM supported: 6 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Supported network protocols: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP,.... Chassis type: Desktop, Cooling type: Active, Product colour: Black

Storage	
Storage drive sizes supported	2.5,3.5,M.2
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✓
Online RAID expansion	✓
Hot-swap drive bays	✓
Supported file systems	BTRFS, Fat, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	24 TB
Number of storage drives installed *	2
Number of storage drives supported *	2
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	J4125
Processor frequency *	2 GHz
Processor boost frequency	2.7 GHz
CPU configuration (max)	1

Memory	
Internal memory type	DDR4
Maximum RAM supported	6 GB
Memory slots	1
Internal memory *	2 GB

Performance	
Third-party support	✓
Snapshot	✓
Share folder access right management	✓
Security algorithms	HTTPS, SSH, SSL/TLS
Access Control List (ACL)	✓
Reset button	✓
On/off switch	✓
Built-in FTP server	✓
Browser supported	Chrome, Firefox, Edge, Internet Explorer, Safari
System log	✓
Hot spare	✓
Password authentication	✓
Share folder	CIFS/AFP/NFS/FTP/WebDAV

Software	
Windows operating systems supported	✓
Mac operating systems supported	✓

Power	
Power supply location	External
Power supply unit (PSU) capacity	65 W
Power consumption (typical)	16.44 W
Power consumption (HDD standby)	6.19 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Weight & dimensions	
Width *	106 mm

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
iSCSI support	✓
Wake-on-LAN ready	✓
Supported network protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV
Link aggregation	✓

Ports & interfaces	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
eSATA ports quantity	1
Ethernet LAN (RJ-45) ports *	2

Design	
Chassis type *	Desktop
Cooling type *	Active
Product colour	Black
Number of fans	1 fan(s)
Fan diameter	9.2 cm
Drive bay locking	✓
LED indicators	HDD, Power, Status
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Home & Home Office
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Multilingual support	✓
Number of users	2048 user(s)
Noise level	18.4 dB

Weight & dimensions	
Depth *	223 mm
Height *	166 mm

Packaging content	
External power adapter	✓
Cables included	AC, LAN (RJ-45)

Technical details	
Sustainability certificates	RoHS
Compliance certificates	RoHS

Processor special features	
Embedded options available	✗
Enhanced Intel SpeedStep Technology	✓
Execute Disable Bit	✓
Idle States	✓
Intel 64	✓
Intel Virtualization Technology (VT-x)	✓
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel VT-x with Extended Page Tables (EPT)	✓

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 60 °C
Operating altitude	0 - 5000 m

Logistics data	
Harmonized System (HS) code	84714100

Other features	
Digital Living Network Alliance (DLNA) certified	✓

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