

Synology DiskStation DS720+ NAS/storage server



Artikel
Herstellernummer
EAN
Synology

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DS720+
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Scalable NAS with SSD cache acceleration capability

Synology DS720+ is a compact network-attached storage solution to streamline data and multimedia management. Two built-in M.2 SSD slots and Synology SSD Cache technology allow you to boost system I/O and application performance. Scalable storage design lets you start small and expand storage capacity with Synology DX517 as your data grows.

Optimize performance and capacity

DS720+ provides two built-in M.2 SSD slots so that you can take full advantage of Synology SSD Cache functionality. Add SSD cache for up to 20 times faster I/O response without using front drive bays. You can add five more drives with Synology DX517 to expand storage capacity.

Accelerate demanding applications

A more powerful CPU speeds up computing-intensive applications. The new 4-core processor boosts photo indexing, database response times, and web PHP response efficiency. Easily categorize your photo memories, smoothly manage files across computers and mobile devices, and enjoy blazing fast web applications.

Access and sync your files seamlessly

Synology Drive provides a built-in universal portal to access your data anytime and anywhere, and synchronize all your files across platforms, including Windows, macOS, Linux, Android, and iOS. Learn more

- Sync files on demand: Save the storage space and network bandwidth of your PC.
- Go back in time: Easily retrieve previous versions of your shared files.
- Back up your data: Protect your files as scheduled or in real-time.

Real-time collaboration on your private cloud

Synology Office is a collaboration package combining the convenience and usability of public clouds with the data privacy and security guaranteed by private clouds. It allows you to work seamlessly together on documents and spreadsheets in a protected environment.

Zusammenfassung

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Synology DiskStation DS720+, NAS, Desktop, Intel® Celeron®, J4125, Black

Synology DiskStation DS720+. Supported storage drive types: HDD & SSD, Supported storage drive interfaces: M.2, Serial ATA III, Storage drive sizes supported: 2.5,3.5". 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, Ethernet LAN data rate supported (max): 10000 Mbit/s. On-board graphics card base frequency: 250 MHz, On-board graphics card burst frequency: 750 MHz, On-board graphics card dynamic frequency (max): 750 MHz

Merkmale

Certificates	
Certification	EAC VCCI CCC RCM KC FCC CE BSMI
Logistics data	
Harmonized System (HS) code	84714100
Other features	
Processor ARK ID	197305
Technical details	
Sustainability certificates	RoHS
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 60 °C
Storage relative humidity (H-H)	5 - 95%
Network	
Ethernet LAN	Y
Ethernet LAN data rates	10,100,1000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
iSCSI support	Y
Wake-on-LAN ready	Y
Performance	
Type	NAS
Device class	Home & Home Office
Backup function	Y
Noise level	18.4 dB
On/off switch	Y
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
Design	
Chassis type	Desktop
Cooling type	Active
Product colour	Black

Ports & interfaces

USB port	Y
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
eSATA ports quantity	1
Ethernet LAN (RJ-45) ports	2

Weight & dimensions

Width	106 mm
Depth	223 mm
Height	166 mm
Weight	1.51 kg

Memory

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

Number of fans	1 fan(s)
Fan diameter	9.2 cm
Drive bay locking	Y
LED indicators	Y

Graphics

On-board graphics card base frequency	250 MHz
On-board graphics card burst frequency	750 MHz
On-board graphics card dynamic frequency (max)	750 MHz
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x3185
Maximum on-board graphics card8 GB memory	
Number of displays supported (on-board graphics)	3

Storage

Supported storage drive interfaces	M.2, Serial ATA III
Storage drive sizes supported	2.5,3.5"
Maximum supported storage capacity	32 TB
Number of M.2 (M & B) slots	2
RAID support	Y
RAID levels	0, 1, 5, 6, 10
Hot-swap drive bays	Y
Supported file systems	BTRFS, Fat, HFS+, NTFS, exFAT, ext2, ext3, ext4
Storage drives installed	N
Number of storage drives supported	2
Installed storage drive type	N
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
Processor cores	4
Processor threads	4
Processor cache	4 MB
CPU configuration (max)	1
PCI Express configurations	1x4+1x2, 4x1, 2x1+1x2+1x2
PCI Express slots version	2.0
Processor codename	Gemini Lake Refresh
Processor lithography	14 nm
Processor operating modes	64-bit
Processor package size	25 x 24 mm
Processor socket	BGA 1090
Tjunction	105 °C
Thermal Design Power (TDP)	10 W

On-board graphics card model	Intel® UHD Graphics 600
Maximum internal memory supported by processor	8 GB

Processor special features

Embedded options available	N
Enhanced Intel SpeedStep Technology	Y
Execute Disable Bit	Y
Idle States	Y
Intel 64	Y
Intel Virtualization Technology (VT-x)	Y
Intel Virtualization Technology for Directed I/O (VT-d)	Y
Intel VT-x with Extended Page Tables (EPT)	Y
Intel® AES New Instructions (Intel® AES-NI)	Y
Intel® Anti-Theft Technology (Intel® AT)	N
Intel® Hyper Threading Technology (Intel® HT Technology)	N
Intel® Identity Protection Technology (Intel® IPT)	Y
Intel® OS Guard	Y
Intel® Quick Sync Video Technology	Y
Intel® Secure Key	Y
Intel® Smart Response Technology	N
Intel® Turbo Boost Technology	N
Maximum number of PCI Express6 lanes	
Number of execution units	12
Thermal Monitoring Technologies	Y
UART	Y
Memory types supported by processor	DDR4-SDRAM, LPDDR4-SDRAM

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.