DiskStation DS723+

Brand: Synology
Product Code: DS723+
Availability: 10
Weight: 1.51kg
Dimensions: 223.00mm x 106.00mm x 166.00mm

Price: 40,659.00EGP

Short Description
Synology 2 Bay DiskStation DS723+

Description

Take your data management to the next level

Versatile smart storage that helps you consolidate and store your growing digital data.

Stunningly compact

Powerful functionality in a tiny package, with room for 10GbE and dual NVMe drives.

Consolidate and share

Flexibly store and organize 40 TB of data, then share with anyone.

Keep your data safe

Hardware and software engineered to protect your data — trusted by millions.

Simply faster

DS723+ can handle more demanding application workloads and a greater number of concurrent users compared to prior-generation systems. Experience faster file indexing in Synology Drive, photo organization in Photos, and concurrent file transfers.[1]

Synology Drive
24%
faster file indexing

Synology Photos
25%
faster photo indexing

Multiple file transfers
32%
faster random write

The performance you need

Reduce transfer times with the DS723+, designed to accelerate your workloads. Easily add faster networking and NVMe drives to further boost performance.

Up to471/225 MB/sread/write

Up to10GbEnetworking

2 x M.2NVMecache & storage pool

Versatile and flexible storage

Make the most of high-performance networking and file access without taking up unnecessary space. DS723+ comes equipped with 2 bays and can scale up to 7 bays with the DX517 expansion unit as your data needs grow.

2 bays20TB

$\longrightarrow$

7 bays100 TB

Store, share, and protect

Manage all your documents, photos, and other files, back up applications and devices, and protect your assets with professional video surveillance.

Private cloud storage

Multi-layered backup

Smart surveillance

Private cloud storage

Access files from all your devices and protect them with smart versioning. Manage, share, and sync your data across locations.

Consolidate data management

Collaborate across sites

A private cloud for all your devices

Effortlessly deploy your own personal cloud with Synology's private cloud solution. Simplify file access and consolidate your data management to benefit from easier file sharing and collaboration.

Professional photo management

Efficiently back up and organize photos and videos with management tools for novice and professional users alike. Automatically organize your content into albums and create secure share links to share files with family, friends, or clients.

Sync files and folders between sites

Site-to-site file syncing allows collaborators to sync individual files or folders between Synology devices, whether at home, another office, or across the world. Combine convenient access with 100% data ownership.

Share data with the power of the cloud

Reduce your on-site storage footprint and benefit from data center network speeds with hybrid cloud technology. Set up Hybrid Share Folders to efficiently store cold data in the cloud, while keeping frequently accessed files cached locally on your DS723+ and accessible at LAN speeds.

Multi-layered backup

Back up files, folders, physical devices, VMs, and SaaS applications with free solutions, and protect your NAS with built-in technologies.

Back up all your devices

Protect your Synology system

Centralize your backup and recovery solution

Consolidate and automate backup tasks for PCs, file servers, VMs, SaaS applications, and more with Active Backup Suite. Administer device backups remotely through a centralized portal and quickly restore specific files or entire devices to keep your business up and running. Take advantage of built-in remote backup solutions designed to protect your data with seamless 3-2-1 backup configurations.

Perform full Synology system backups

Protect all data, applications, and configurations on your Synology systems with comprehensive scheduled backups to local and remote servers, external drives, or cloud storage destinations including Synology C2 Storage.

Protect folders and LUNs with snapshots

Configure efficient point-in-time snapshots of shared folders and LUNs at intervals as short as 5 minutes. Allow users to easily restore previous versions of files unassisted, quickly recover VMs, and copy snapshots to another server to benefit from rapid storage failover.

Smart surveillance

Transform your Synology device into a full-featured video management system for a wide range of compatible IP cameras.

Monitor and protect your business

Back up your surveillance footage

Synology Surveillance Station

Protecting your business has never been easier with centralized video management, support for over 8,300 IP camera models, and remote monitoring and playback of footage. Synology's surveillance management system provides all the tools you need for live monitoring, alerts, investigation, management, and backup.

Software

DSM Specifications

[Storage Management](#)

Maximum Single Volume Size	108 TB
Maximum Internal Volume Number	64
M.2 SSD Storage Pool Support*	
SSD Read/Write Cache [(Determining cache size)](#)	
SSD TRIM	
Supported RAID Type	• Synology Hybrid

	RAID
	• Basic
	• JBOD
	• RAID 0
	• RAID 1
	• RAID 5 (with Expansion Unit)
	• RAID 6 (with Expansion Unit)
	• RAID 10 (with Expansion Unit)
RAID Migration	• Basic to RAID 1
	• Basic to RAID 5 (with Expansion Unit)
	• RAID 1 to RAID 5 (with Expansion Unit)
	• RAID 5 to RAID 6 (with Expansion Unit)
Volume Expansion with Larger HDDs	• Synology Hybrid RAID
	• RAID 1
	• RAID 5 (with Expansion Unit)
	• RAID 6 (with Expansion Unit)
	• RAID 10 (with Expansion Unit)
Volume Expansion by Adding a HDD	• Synology Hybrid RAID
	• JBOD (with Expansion Unit)
	• RAID 5 (with Expansion Unit)
	• RAID 6 (with Expansion Unit)
Global Hot Spare Supported RAID Type	• Synology Hybrid RAID (with Expansion Unit)
	• RAID 1 (with Expansion Unit)
	• RAID 5 (with Expansion Unit)

		- RAID 6 (with Expansion Unit) - RAID 10 (with Expansion Unit)
Notes		- Creating M.2 storage pools requires the use of Synology-verified SSDs, which are rigorously tested under extreme temperature conditions. Thermal parameters for SSDs and NAS units are fine-tuned to ensure optimal management of thermal conditions under I/O-intensive environments. ([Learn more](#)) - Usable capacity for each volume will be lower than the maximum volume size and is dependent on the filesystem and the amount of system metadata stored. - Actual maximum storage pool and volume sizes vary depending on drives used, the number of drive bays available, and the RAID configuration. - Each internal volume (may consist of multiple drives) is expandable up to 108TB.
[File System](#)	Internal Drives	Btrfs

File Services	External Drives	• ext4 • Btrfs • ext4 • ext3 • FAT • NTFS • HFS+ • exFAT
	File Protocol	• SMB • AFP • NFS • FTP • WebDAV • Rsync
	Maximum Concurrent SMB/AFP/FTP Connections	500
	Maximum Concurrent SMB/AFP/FTP Connections (with RAM expansion)	2,000
	Windows Access Control List (ACL) Integration	
	NFS Kerberos Authentication	
	Notes	• Regarding data concerning tests with RAM expansion, all memory slots are installed with the maximum capacity of supported RAM. • The testing standard was based on the maximum number of concurrent connections supported by this model. During the testing, 25% of the connections were used to transfer files concurrently. The transfer process guaranteed that the connections were not

		interrupted; the minimum transfer speed was not guaranteed.
[Account & Shared Folder](#)	Maximum Local User Accounts	2,048
	Maximum Local Groups	256
	Maximum Shared Folder	512
	Maximum Shared Folder Sync Tasks	8
[Hybrid Share](#)	Hybrid Share Folder Number	10
[Hyper Backup](#)	Folder and Package Backup	
	Entire System Backup	
	Notes	Full-system backup requires DSM 7.2 or later.
[High Availability](#)	Synology High Availability	
[Log Center](#)	Syslog Events per Second	800
Virtualization	VMware ESXi 6.5 and VAAI	
	Windows Server 2022	
	Citrix Ready	
	OpenStack	
[General Specifications](#)	Supported Protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV
	Supported Browsers	• Chrome • Firefox • Edge • Safari
	Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, ???????, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, ?eský, ???????, ???, ???, ????, ????
	Notes	For an updated list of supported browser versions, check the [DSM Technical](#)

Add-on Packages [view the complete package list](#) [Specifications](#).

Central Management System

[Synology Chat](#)	Suggested Users	100
	Notes	• Measured with simulated users, each with an average record of 20,000 messages, emojis, or stickers. The required server response time is below ten seconds. • Models with expandable memory are tested with their maximum supported memory.
Download Station	Maximum Concurrent Download Tasks	80
[SAN Manager](#)	Maximum iSCSI Target Number	128
	Maximum LUN LUN Clone/Snapshot, Windows ODX	256
[Synology MailPlus / MailPlus Server](#)	Free Email Accounts	[5 (Additional accounts require purchase of licenses)](#)
	Suggested Users	500
	Maximum Server Performance	1,224,000 emails per day, approx. 37GB
	Notes	• Suggested users is derived from testing in an environment with 20% heavy users (each with 20,000 pre-populated emails and receiving 240 emails per day) and 80% light users (each receiving an average of 20 emails per day). [Learn more](#) • Models with 2 bays

and dual M.2 drive slots were installed with two SSDs for SSD cache.
- Models with expandable memory are tested with their maximum supported memory.
- The performance of the mail system will slightly decrease in high-availability mode due to data synchronization between the two servers.
- Functions that were enabled in all of the tests above: anti-spam, anti-virus, DNSBL, greylist, content scan, full-text search (English only).

[Media Server](#) [Synology Photos](#)	DLNA Compliance Facial Recognition Object Recognition	
	Notes	Object recognition requires an upgrade of memory capacity to a minimum of 4 GB.
[Snapshot Replication](#)	Maximum Snapshots per Shared Folder	1,024
	Maximum of System Snapshots	65,536
[Surveillance Station](#)	Default Licenses	2 [(Additional cameras require purchase of licenses)](#)
	Suggested Maximum IP Cameras and Total FPS (H.264)	• 720p: 40 channels, 1200 FPS • 1080p: 40 channels, 800 FPS • 3M: 35 channels, 350

	FPS • 5M: 28 channels, 280 FPS • 4K: 17 channels, 170 FPS
Suggested Maximum IP Cameras and Total FPS (H.265)	• 720p: 40 channels, 1200 FPS • 1080p: 40 channels, 1200 FPS • 3M: 40 channels, 600 FPS • 5M: 40 channels, 480 FPS • 4K: 20 channels, 200 FPS
Notes	• Performance figures are obtained from testing conducted with the device fully populated with drives, with their default memory configuration, and under a continuous recording setup. Actual system capabilities may vary based on configuration, drive performance, enabled features, and the presence of additional workloads. • Use NVR Selector to quickly find a suitable model based on your requirements. • The maximum number of camera stream outputs is 2 times the suggested maximum number of

		IP cameras.
[Synology Drive](#)	Recommended Number of Concurrent Sync Clients	350 (the number of connections that can be maintained when the recommended number of hosted files was reached)
	Recommended Number of Hosted Files	5,000,000 (applies to files indexed or hosted by [Synology Drive](#). For file access through other standard protocols, refer to the File Services section above)
	Notes	- Exceeding the recommended numbers above will not block application operations, but may result in longer response time. - Utilizing SSD cache can significantly improve performance. - Models with expandable memory are tested with their maximum supported memory. - Btrfs file system and non-encrypted shared folders were used during the aforementioned testing.
[Synology Office](#)	Suggested Users	3,000
	Notes	Suggested users is derived from testing in an environment with 60% idle users (each logging in and viewing documents) and 40% active users (each executing

random actions at intervals of 20 to 40 seconds) operating within documents, each document having 30 users. [Learn more](#)

- Models with expandable memory are tested with their maximum supported memory.
- Client performance may affect maximum simultaneous editing users. Client PCs used for testing: Intel Core i3-3220 / 8GB RAM

[Virtual Machine Manager](#)	Recommended Virtual Machine Instances	4 [(Learn more)](#)
	Recommended Virtual DSM Number [(Licenses required)](#)	4 (including 1 Free License)
	Notes	The specifications vary depending on system configuration and memory size.
[VPN Server](#)	Maximum Connections	40

Specification

NAS	
CPU Model	AMD Ryzen R1600
CPU Quantity	1
CPU Core	2
CPU Architecture	64-bit
CPU Frequency	2.6 (base) / 3.1 (turbo) GHz
Hardware Encryption Engine	YES
Memory	2 GB DDR4 ECC SODIMM
Drive Bays	2
Compatible Drive Type	3.5
Compatible Drive Type	3.5
Hot Swappable Drive	YES
RJ-45 1GbE LAN Port	2

USB 3.2 Gen 1 Port	1
System Fan	92 mm x 92 mm x 1 pcs
Power Supply Unit / Adapter	65 watts 100V to 240V AC 50/60 Hz, Single Phase
Total Memory Slots	2
Maximum Memory Capacity	32 GB (16 GB x 2)
M.2 Drive Slots	2 (NVMe)
Expansion Port	1
PCIe Expansion	1 x Gen3 x2 network upgrade slot

Product Gallery