

## RackStation RS2423RP+



**Brand:** Synology

**Product Code:** RS2423RP+

**Availability:** 10

**Weight:** 11.90kg

**Dimensions:** 578.00mm x 482.00mm x  
88.00mm

**Price: 250,499.00EGP**

### Short Description

Synology 12 Bay RackStation RS2423RP+

### Description

**Secure storage for your business**

## Business-ready

Over 3,500/1,700 MB/s seq. read/write, built-in 10GbE, and up to 216 TB raw storage before expansion.

## Flexible configuration

Add 12 extra drive bays, 1/10/25GbE ports, and SSD cache volumes whenever needed.

## Versatile applications

Back up 300 endpoints, manage 50 IP cameras, or safely sync and share files between devices and sites.

## **Faster and more responsive**

The RS2423RP+/RS2423+ offer exceptional performance with over 155K/79K random read/write IOPS and up to 3,500/1,700 MB/s sequential read/write throughput.<sup>1</sup> They are the perfect cost-effective file management and sharing solution for SMBs and come equipped with advanced backup capabilities designed for businesses with expanding data needs.

## **Designed for reliability**

The RS2423RP+ and RS2423+ come with one 10GbE RJ-45 port and two Gigabit RJ-45 ports, which can be bonded with Link Aggregation to enable automatic network failover and load balancing.

Two RS2423RP+/RS2423+ units can be paired using Synology High Availability to form a reliable active-passive server cluster, maximizing service uptime.

The RS2423RP+ also features redundant and hot-swappable power supply units to protect service continuity in case there are issues with one power source.

## **Room for expansion**

Easily adjust the 2U 12-bay RS2423RP+/RS2423+ to match the usage of your environment, whether it needs performance, faster networking, or higher storage capacity.

## **Storage expansion**

Add 12 extra drive bays for a total of 24 drive bays with a [RX1223RP](#) expansion unit.<sup>2</sup>

## **SSD cache**

## **Flexible networking options**

## **Versatile storage for businesses**

The RS2423RP+/RS2423+ are ideal for small to medium-sized businesses and branch offices seeking a high-performing, reliable, and cost-efficient storage solution for file management, data backup, and surveillance.

Intuitive storage for on-site and remote teams

Multi-endpoint data protection

Smart and scalable surveillance

## **Intuitive storage for on-site and remote teams**

Provide secure and convenient cross-platform file access, sharing, and synchronization across multiple locations.

---

## **Private file cloud**

## **Enable efficient collaboration with Synology Drive**

Synology Drive provides remote data access, synchronization, on-demand file restoration, and backup via handy desktop and mobile applications. [Learn more](#)



## **Multi-platform support**

Access personal and shared data from mobile apps, desktop clients, web browsers, or another Synology system. Any changes you make are automatically synced to other devices as soon as they are connected.

## **Collaborate in real time**

Enable concurrent editing of documents, spreadsheets, and slides with Synology Office, with support for conversion to and from Microsoft Word, Excel, PowerPoint, and OpenDocument files.

---

## **Efficient multi-site synchronization**

## **Connect teams with Hybrid Share**

Use Hybrid Share to store large sets of data in the cloud, leveraging the large bandwidth of our data centers to stream requested files to local NAS deployed at the branch offices.<sup>5</sup>

## **Reliable data access on demand**

With Hybrid Share-enabled folders, remote teams retain full access to the most up-to-date files while benefiting from a reduced local storage footprint and lower bandwidth usage.

## **Local caching of most-used data**

Frequently-accessed files are kept on the local NAS, allowing users to access them at LAN speeds. Files and folders can also be pinned manually to prevent them from being replaced when the cache is full.

## **Multi-endpoint data protection**

Design an effective backup strategy to maximize data and system availability with a host of native and license-free solutions.

---

## **Consolidated backup server**

## **Endpoint, VM, and NAS/SAN protection**

Securely back up Windows, Mac, and Linux endpoints, Synology servers, and VMware® and Hyper-V® virtual machines with Active Backup for Business.

## Microsoft 365 and Google Workspace

Centralize backups of Microsoft 365 and Google Workspace data to protect cloud data from accidents and simplify compliance with data retention policies. Schedulable backups, flexible file versioning, and block-level deduplication ensure flexibility and savings in terms of storage and bandwidth consumption.

---

## Data protection and recovery

### Hyper Backup

Back up files, LUNs, installed applications, and system configurations to destinations including [Synology C2 Storage](#),<sup>5</sup> public cloud platforms, USB devices, file servers, local folders, and other Synology systems.

Set and forget backup tasks with regular schedules, enhance security with granular user permissions and encryption, keep backup sizes small with built-in deduplication, and

restore data flexibly with multi-versioning.

## **Snapshot Replication**

Snapshot Replication enables configurable point-in-time snapshots of shared folders and VM storage with an RPO as low as 5 minutes and recovery within seconds.

## **Smart and scalable surveillance**

Leverage flexible deployment options, intuitive management capabilities, and advanced video analytics to secure your premises.

---

## **Simple-to-deploy local surveillance**

### **Wide device compatibility**

Connect up to 75 IP cameras from a selection of over 8,600 validated models thanks to [Synology Surveillance Station](#)'s wide camera compatibility.<sup>6</sup>

### **Multi-platform convenience**

Monitor live streams or watch recordings from web browsers, desktop clients, or the DS cam mobile app.

### **Secure and private storage**

Footage is stored locally for easier compliance with data protection regulations and further protected from unauthorized access with industry-standard AES-256 encryption.

---

## **Flexible monitoring of multiple locations**

### **Assisted camera deployment**

Automatically locate new cameras within a set IP range, and configure units in batch via spreadsheet import or replicating settings to new cameras.

### **Centralized management and monitoring**

Stay on top of your deployment by previewing triggered events directly on multi-floor or multi-location maps, with online map integration for Google Maps and OpenStreetMap.

## Time-saving video analytics

Take advantage of intelligent monitoring features such as motion detection, no-idle zones, foreign object detection, and anomaly detection that cater to common surveillance scenarios.

### Software Software Specs

DSM Specifications		
<a href="#">Storage Management</a>	Maximum Single Volume Size	
	Maximum Internal Volume Number	
	SSD Read/Write Cache ( <a href="#">Determining cache size</a> )	
	SSD TRIM	
	Supported RAID Type	
	RAID Migration	
	Volume Expansion with Larger HDDs	



	<b>Volume Expansion by Adding a HDD</b>	
	<b>Global Hot Spare Supported RAID Type</b>	
	<b>Notes</b>	
<a href="#">File System</a>	<b>Internal Drives</b>	
	<b>External Drives</b>	
<a href="#">File Services</a>	<b>File Protocol</b>	
	<b>Maximum Concurrent SMB/AFP/FTP Connections</b>	
	<b>Maximum Concurrent SMB/AFP/FTP Connections (with RAM expansion)</b>	
	<b>Windows Access Control List (ACL) Integration</b>	
	<b>NFS Kerberos Authentication</b>	
	<b>Notes</b>	
<a href="#">Account &amp; Shared Folder</a>	<b>Maximum Local User Accounts</b>	
	<b>Maximum Local Groups</b>	
	<b>Maximum Shared Folder</b>	
	<b>Maximum Shared Folder Sync Tasks</b>	
<a href="#">Hybrid Share</a>	<b>Hybrid Share Folder Number</b>	
<a href="#">Hyper Backup</a>	<b>Data &amp; Folder Backup</b>	
	<b>Entire System Backup</b>	
	<b>Notes</b>	

<a href="#">High Availability</a>	<b>Synology High Availability</b>	
<a href="#">Log Center</a>		
<b>Virtualization</b>	<b>Syslog Events per Second</b>	
	<b>VMware ESXi 6.5 and VAAI</b>	
	<b>Windows Server 2022</b>	
	<b>Citrix Ready</b>	
<a href="#">General Specifications</a>	<b>OpenStack</b>	
	<b>Supported Protocols</b>	
	<b>Supported Browsers</b>	
	<b>Supported Language</b>	
	<b>Notes</b>	
<a href="#">Central Management System</a>		
<a href="#">Synology Chat</a>		
	<b>Suggested Users</b>	
	<b>Notes</b>	
<b>Download Station</b>		
	<b>Maximum Concurrent Download Tasks</b>	
<a href="#">SAN Manager</a>		
	<b>Maximum iSCSI Target Number</b>	
	<b>Maximum LUN</b>	
	<b>LUN Clone/Snapshot, Windows ODX</b>	
<a href="#">Synology MailPlus / MailPlus Server</a>		
	<b>Free Email Accounts</b>	
	<b>Suggested Users</b>	
	<b>Notes</b>	
<a href="#">Media Server</a>		
	<b>DLNA Compliance</b>	
<a href="#">Synology Photos</a>		
	<b>Facial Recognition</b>	
	<b>Object Recognition</b>	
<a href="#">Snapshot Replication</a>		
	<b>Maximum Snapshots per Shared Folder</b>	

<a href="#">Surveillance Station</a>	<b>Maximum of System Snapshots</b>
	<b>Default Licenses</b>
	<b>Suggested Maximum IP Cameras and Total FPS (H.264)</b>
	<b>Suggested Maximum IP Cameras and Total FPS (H.265)</b>
	<b>Notes</b>
<a href="#">Synology Drive</a>	
	<b>Recommended Number of Concurrent Sync Clients</b>
	<b>Recommended Number of Hosted Files</b>
<a href="#">Synology Office</a>	<b>Notes</b>
	<b>Suggested Users</b>
<a href="#">Virtual Machine Manager</a>	<b>Notes</b>
	<b>Recommended Virtual Machine Instances</b>
	<b>Recommended Virtual DSM Number (<a href="#">Licenses required</a>)</b>
<a href="#">VPN Server</a>	<b>Notes</b>
	<b>Maximum Connections</b>

## Specification

NAS	
CPU Model	AMD Ryzen V1780B
CPU Quantity	1
CPU Core	4
CPU Architecture	64-bit
CPU Frequency	3.35 (base) / 3.6 (turbo) GHz

Hardware Encryption Engine	Yes
Memory	8 GB DDR4 ECC UDIMM
Drive Bays	12
Hot Swappable Drive	Yes
RJ-45 1GbE LAN Port	2
USB 3.2 Gen 1 Port	2
System Fan	60 mm x 60 mm x 3 pcs
Power Supply Unit / Adapter	350 watts
Total Memory Slots	2
Maximum Memory Capacity	32 GB (16 GB x 2)
Expansion Port	1
PCIe Expansion	1 x Gen3 x8 slot (x4 link)
Form Factor (RU)	2U
Redundant Power Supply	Yes

## Product Gallery



