# RackStation RS2423RP+

**Brand:** Synology

**Product Code:** RS2423RP+

**Availability:** 10 **Weight:** 11.90kg

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

88.00mm



Price: 236,300.00EGP

#### **Short Description**

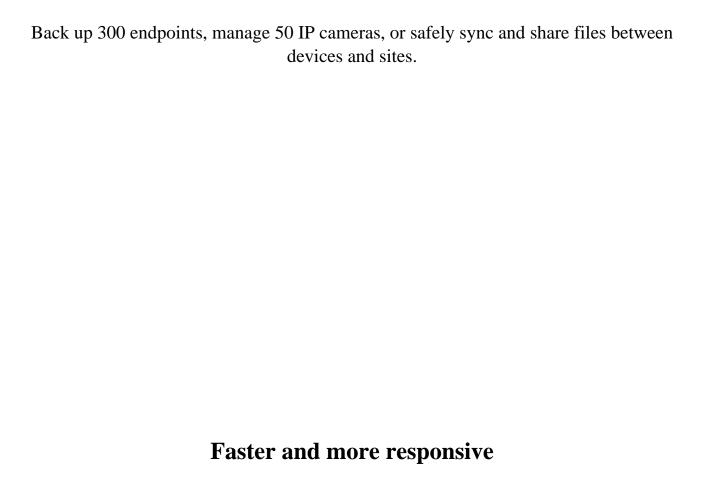
Synology 12 Bay RackStation RS2423RP+

#### **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



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. 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.
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Private file cloud
Enable efficient collaboration with Synology Drive
Enable efficient conaboration 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** 

<b>Connect teams</b>	with	Hybrid	<b>Share</b>
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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.
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## **Data protection and recovery**

## **Hyper Backup**

Back up files, LUNs, installed applications, and system configurations to destinations including <u>Synology C2 Storage</u>, 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.
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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 <a href="Synology Surveillance Station">Synology Surveillance Station</a>'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 Specs

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e (Determining cach
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h Larger HDDs
ii Laigei IIDDs
/1L

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

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

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

**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	Yes
Engine	
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 /	350 watts
Adapter	
Total Memory Slots	2
Maximum Memory	32 GB (16 GB x 2)
Capacity	
Expansion Port	1
PCIe Expansion	1 x Gen3 x8 slot (x4 link)
Form Factor (RU)	2U
Redundant Power Supply	Yes

# **Product Gallery**









