

# Synology RackStation RS822RP+ NAS/storage server

---

<b>Artikel</b>	131082
<b>Herstellernummer</b>	RS822RP+
<b>EAN</b>	0846504004751
Synology	



## **An all-in-one edge storage solution**

The compact 1U 4-bay Synology RackStation RS822+/RS822RP+ with its storage and connectivity expandability coupled with the powerful Synology DiskStation Manager (DSM) operating system is an ideal edge storage solution for branch offices and small and medium-sized businesses.

## **Built for reliability**

RS822+/RS822RP+ comes with four Gigabit RJ-45 ports which can be bonded with Link Aggregation to enable automatic network failover and load balancing.

Two RS822+/RS822RP+ units can be paired using Synology High Availability to form a reliable active/passive server cluster, maximizing service uptime.

Furthermore, the RS822RP+ features a redundant power supply for an extra edge in service continuity.

## **Room for expansion**

Easily adjust the RS822+/RS822RP+ to match your usage environment, whether it needs performance, faster networking, or higher storage capacity.

## **All-in-one data management platform**

The RS822+/RS822RP+ is designed to support small deployments in tackling common applications such as file management, data backup, and surveillance.

## **Edge storage for distributed teams**

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

## **Multi-endpoint data protection**

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

## **Smart surveillance for small deployments**

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

## **Works best with Synology drives**

Enjoy high sustained performance and reliability with enterprise-grade drives designed for Synology NAS and featuring built-in data protection.

## **Powered by Synology DSM**

Take advantage of a whole host of native productivity, management, and security solutions available on the web-based DSM operating system.

# Zusammenfassung

## An all-in-one edge storage solution

The compact 1U 4-bay Synology RackStation RS822+/RS822RP+ with its storage and connectivity expandability coupled with the powerful Synology DiskStation Manager (DSM) operating system is an ideal edge storage solution for branch offices and small and medium-sized businesses.

## Built for reliability

RS822+/RS822RP+ comes with four Gigabit RJ-45 ports which can be bonded with Link Aggregation to enable automatic network failover and load balancing.

Two RS822+/RS822RP+ units can be paired using Synology High Availability to form a reliable active/passive server cluster, maximizing service uptime.

Furthermore, the RS822RP+ features a redundant power supply for an extra edge in service continuity.

## Room for expansion

Easily adjust the RS822+/RS822RP+ to match your usage environment, whether it needs performance, faster networking, or higher storage capacity.

## All-in-one data management platform

The RS822+/RS822RP+ is designed to support small deployments in tackling common applications such as file management, data backup, and surveillance.

## Edge storage for distributed teams

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

## Multi-endpoint data protection

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

## Smart surveillance for small deployments

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

## Works best with Synology drives

Enjoy high sustained performance and reliability with enterprise-grade drives designed for Synology NAS and featuring built-in data protection.

## Powered by Synology DSM

Take advantage of a whole host of native productivity, management, and security solutions available on the web-based DSM operating system.

Synology RackStation RS822RP+, NAS, Rack (1U), Ryzen Embedded, V1500B, 2 GB, DDR4

Synology RackStation RS822RP+. Type: NAS. Chassis type: Rack (1U). Device class: Small & Medium Business. Processor family: Ryzen Embedded, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 2 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: DiskStation Manager

# Merkmale

Other features		Design	
Compliance certificates Certification	RoHS	Chassis type	Rack (1U)
	FCC CE BSMI VCCI RCM	Cooling type	Active
	UKCA EAC CCC KC UL	Product colour	Grey
Packaging content		Number of fans	2 fan(s)
		Fan diameter	4 cm
		Drive bay locking	Yes
		LED indicators	Alarm, HDD, Power, Status

Cables included	AC
Power cables quantity	2

### Software

Operating system installed	DiskStation Manager
Windows operating systems supported	Yes
Linux operating systems supported	Yes
Mac operating systems supported	Yes

### Weight & dimensions

Width	480 mm
Depth	518.6 mm
Height	44 mm
Weight	8 kg

### Operational conditions

Operating temperature (T-T)	0 - 35 °C
Operating relative humidity (H-8 - 80% H)	
Storage temperature (T-T)	-20 - 60 °C
Storage relative humidity (H-5 - 95% H)	
Operating altitude	0 - 5000 m

### Memory

Internal memory	2 GB
Internal memory type	DDR4
Maximum RAM supported	32 GB
Memory slots	2
Memory form factor	SO-DIMM
ECC	Yes

### Ports & interfaces

USB port	Yes
USB 3.2 Gen 1 (3.1 Gen 1)	2
Type-A ports quantity	
eSATA ports quantity	1
Ethernet LAN (RJ-45) ports	4
Concurrent connections	500
PCI Express x8 (Gen 3.x)	1
slots	

### Network

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

### Power

Power supply location	Built-in
Power supply unit (PSU) capacity	150 W
Redundant power supply (RPS) support	Yes
Power consumption (typical)	47.69 W
Power consumption (HDD standby)	16.7 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

### Processor

Processor manufacturer	AMD
Processor generation	AMD Ryzen Embedded V1000 Series
Processor family	Ryzen Embedded
Processor model	V1500B
Processor frequency	2.2 GHz
Processor cores	4
Processor threads	8
L2 cache	2 MB
L3 cache	4 MB
Number of processors supported	1
On-board graphics card model	Not available

### Storage

Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support	Yes
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	Yes
Online RAID expansion	Yes
Hot-swap drive bays	Yes
Supported file systems	BTRFS, FAT32, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed	No
Total installed storage capacity	0 TB
Number of storage drives supported	4
Installed storage drive type	No
Supported storage drive types	HDD & SSD

## Performance

Type	NAS
Device class	Small & Medium Business
Backup function	Yes
Backup features	Cloud, iSCSI LUN
Multilingual support	Yes
Number of users	2048 user(s)
Noise level	38.8 dB
Third-party support	Yes
Snapshot	Yes
Security algorithms	HTTPS, SSH, SSL/TLS
Access Control List (ACL)	Yes
Reset button	Yes
On/off switch	Yes
Built-in iTunes server	Yes
Built-in FTP server	Yes
Browser supported	Google Chrome, Firefox, Microsoft Edge, Safari
System log	Yes
Hot spare	Yes
Share folder	SMB/AFP/NFS/FTP/WebDAV

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