Synology RackStation RS822RP+ server

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Herstellernummer	RS822RP+
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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 multiplelocations.

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

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Synology RackStation RS822RP+, 2.2 GHz, V1500B, 2 GB, DDR4-SDRAM, 150 W, Rack (1U)

Synology RackStation RS822RP+. Processor family: AMD Ryzen, Processor frequency: 2.2 GHz, Processor model: V1500B. Internal memory: 2 GB, Internal memory type: DDR4-SDRAM, Memory layout (slots x size): 1 x 2 GB. Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 150 W, Redundant power supply (RPS) support. Chassis type: Rack (1U)

Merkmale

Operational conditions

Certificates

Certification	FCC CE BSMI VCCI RCM UKCA EAC CCC KC UL

Expansion slots

PCI Express x8 (Gen 3.x) slots	1

Graphics

On-board graphics card model	Not available

Performance

Noise level	38.8 dB

Technical details

Sustainability certificates	RoHS

Design

Chassis type	Rack (1U)
Product colour	Black, Grey

Network

Ethernet LAN	Y
Cabling technology	10/100/1000Base-T(X)
Ethernet interface type	Gigabit Ethernet

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	5 - 95%

Ports & interfaces

Ethernet LAN (RJ-45) ports	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
eSATA ports quantity	1

Weight & dimensions

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

Power

Redundant power supply (RPS) support	Y
Power supply	150 W
Number of redundant power supplies supported	2
Power supply input voltage	100 - 240 V
Power supply input frequency	50/60 Hz

Storage

Supported HDD sizes	3.5"
SSD size	2.5"
RAID support	Y
Optical drive type	N
Internal drive bays	4

Memory

Internal memory	2 GB
Internal memory type	DDR4-SDRAM
Memory slots	2x SO-DIMM
ECC	Y
Memory layout (slots x size)	1 x 2 GB
Maximum internal memory	32 GB

Processor

Processor manufacturer	AMD
Processor family	AMD Ryzen
Processor model	V1500B
Processor frequency	2.2 GHz
Processor cores	4
Number of processors installed	1