

**RACKSTATION SYNOLOGY RS822+ 1U/4BAY**

Naziv: RACKSTATION SYNOLOGY RS822+ 1U/4BAY

Slika:



Šifra: #BM3306861741925166734

Barkod: 4711174724741

Proizvođač: SYNOLOGY

**Detalji**

Kategorija: NAS

Oznake:

Atributi:

**Cena**Cena sa PDV: 157,996.00 RSD \*WEB CENA  
173,795.60 RSD \*Cena za odloženo web plaćanje**Ostalo**

Opis:

Hardware Specs

Hardware Specifications		RS822RP+	RS822+
CPU	CPU Model	AMD Ryzen V1500B	AMD Ryzen V1500B
	CPU Quantity	1	1
	CPU Core	4	4
	CPU Architecture	64-bit	64-bit
	CPU Frequency	2.2 GHz	2.2 GHz
	Hardware Encryption Engine		
	System Memory	2 GB DDR4 ECC SODIMM	2 GB DDR4 ECC SODIMM
	Memory Module Pre-installed	2 GB (2 GB x 1)	2 GB (2 GB x 1)
	Total Memory Slots	2	2

Memory	Maximum Memory Capacity	32 GB (16 GB x 2)	32 GB (16 GB x 2)
	Notes	<ul style="list-style-type: none"> <li>Synology reserves the right to replace memory modules with the same or higher frequency based on supplier's product life cycle status. Rest assured that the compatibility and stability have been strictly verified with the same benchmark to ensure identical performance.</li> <li>Please select Synology memory modules for optimum compatibility and reliability. Synology will not provide complete product warranty or technical support if non-Synology memory modules are used for memory expansion.</li> <li>For more information about the recommended memory configurations, please check the <a href="#">Hardware Installation Guide</a> of your Synology product.</li> </ul>	
Storage	Drive Bays	4	4
	Maximum Drive Bays with Expansion Unit	8 (RX418 x 1)	8 (RX418 x 1)
	Drive Type ( <a href="#">See all supported drives</a> )	<ul style="list-style-type: none"> <li>3.5" SATA HDD</li> <li>2.5" SATA SSD</li> </ul>	<ul style="list-style-type: none"> <li>3.5" SATA HDD</li> <li>2.5" SATA SSD</li> </ul>
	Hot Swappable Drive*		
	Notes	The maximum raw capacity is not limited by the maximum single volume size. Synology NAS models may utilize capacities over the maximum single volume size as long as each volume created is below the limit. ( <a href="#">Learn more</a> )	
External Ports	RJ-45 1GbE LAN Port	4	4
	USB 3.2 Gen 1 Port*	2	2
	Expansion Port	1	1
	Expansion Port Type	eSATA	eSATA
	Notes	<ul style="list-style-type: none"> <li>This device's 1GbE LAN ports have a maximum transmission unit (MTU) size of 1,500 bytes.</li> <li>The USB 3.0 standard was renamed to USB 3.2 Gen 1 by the USB Implementers Forum (USB-IF) in 2019.</li> </ul>	
PCIe	PCIe Expansion	1 x Gen3 x8 slot (x4 link)	1 x Gen3 x8 slot (x4 link)
Appearance	Form Factor (RU)	1U	1U
	Size (Height x Width x Depth)	44 mm x 480 mm x 518.6 mm	44 mm x 480 mm x 492.6 mm
	Weight	8.0 kg	6.4 kg

		Rack Installation Support*	4-post 19" rack (Synology Rail Kit - <a href="#">RKM114/RKS-02</a> )	4-post 19" rack (Synology Rail Kit - <a href="#">RKM114/RKS-02</a> )
		Notes	The rail kit is sold separately	
Others		System Fan	40 mm x 40 mm x 2 pcs	40 mm x 40 mm x 3 pcs
		Fan Speed Mode	<ul style="list-style-type: none"> <li>• Full-Speed Mode</li> <li>• Cool Mode</li> <li>• Quiet Mode</li> </ul>	<ul style="list-style-type: none"> <li>• Full-Speed Mode</li> <li>• Cool Mode</li> <li>• Quiet Mode</li> </ul>
		Power Recovery		
		Noise Level*	38.8 dB(A)	27.4 dB(A)
		Scheduled Power On / Off		
		Wake on LAN / WAN		
		Power Supply Unit / Adapter	150 watts	150 watts
		Redundant Power Supply		-
		AC Input Power Voltage	100 V to 240 V AC	100 V to 240 V AC
		Power Frequency	50/60 Hz, Single Phase	50/60 Hz, Single Phase
		Power Consumption	47.69 watts (Access) 16.7 watts (HDD Hibernation)	47.69 watts (Access) 16.7 watts (HDD Hibernation)
		British Thermal Unit	162.83 BTU/hr (Access) 57.02 BTU/hr (HDD Hibernation)	162.83 BTU/hr (Access) 57.02 BTU/hr (HDD Hibernation)
		Notes	<ul style="list-style-type: none"> <li>• For more information on how power consumption is measured, refer to <a href="#">this article</a>.</li> <li>• Noise testing was conducted with the Synology system fully installed with Synology SATA HDDs and in an idle state. Two G.R.A.S. Type 40AE microphones are placed at a 1 m distance from the front and rear of the device. Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%</li> </ul>	
Temperature		Operating Temperature	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)
		Storage Temperature	-20°C to 60°C (-5°F to 140°F)	-20°C to 60°C (-5°F to 140°F)
		Relative Humidity	5% to 95% RH	5% to 95% RH
Certification			<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• BSMI</li> <li>• VCCI</li> <li>• RCM</li> <li>• UKCA</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• BSMI</li> <li>• VCCI</li> <li>• RCM</li> <li>• UKCA</li> </ul>

		<ul style="list-style-type: none"> <li>• EAC</li> <li>• CCC</li> <li>• KC</li> <li>• BIS</li> <li>• UL</li> </ul>	<ul style="list-style-type: none"> <li>• EAC</li> <li>• CCC</li> <li>• KC</li> <li>• UL</li> </ul>
	Warranty	3-year hardware warranty, extendable to 5 years with <a href="#">EW202</a> or <a href="#">Extended Warranty Plus</a>	3-year hardware warranty, extendable to 5 years with <a href="#">EW202</a> or <a href="#">Extended Warranty Plus</a>
		Notes	<ul style="list-style-type: none"> <li>• The warranty period starts from the purchase date as stated on your purchase receipt. (<a href="#">Learn more</a>)</li> <li>• <a href="#">Extended Warranty Plus</a> is only available in Europe and North America. <a href="#">EW201/EW202</a> is only available in Asia, Africa, and Oceania. For exact availability information please visit their respective websites.</li> </ul>
	Environment	RoHS Compliant	RoHS Compliant
	Packaging Content	<ul style="list-style-type: none"> <li>• Main Unit X 1</li> <li>• Accessory Pack X 1</li> <li>• AC Power Cord X 2</li> <li>• Quick Installation Guide X 1</li> </ul>	<ul style="list-style-type: none"> <li>• Main Unit X 1</li> <li>• Accessory Pack X 1</li> <li>• AC Power Cord X 1</li> <li>• Quick Installation Guide X 1</li> </ul>
Optional Accessories		<ul style="list-style-type: none"> <li>• DDR4 ECC SODIMM: <a href="#">D4ES02-4G/D4ES02-8G/D4ES01-16G</a></li> <li>• Expansion Units: <a href="#">RX418</a></li> <li>• Enterprise Series 3.5" SATA HDD: <a href="#">HAT5300 Series</a></li> <li>• Plus Series 3.5" SATA HDD: <a href="#">HAT3300 Series</a></li> <li>• Enterprise Series 2.5" SATA SSD: <a href="#">SAT5200 Series</a></li> <li>• M.2 SSD &amp; 10GbE Combo Adapter Card: <a href="#">E10M20-T1</a></li> <li>• M.2 SSD Adapter Card: <a href="#">M2D20/M2D18</a></li> <li>• 25GbE Network Interface Card: <a href="#">E25G30-F2</a></li> <li>• 10GbE Network Interface Card: <a href="#">E10G30-F2/E10G30-T2/E10G18-T1</a></li> <li>• Rail Kit Sliding: <a href="#">RKS-02</a></li> <li>• Rail Kit Mounted: <a href="#">RKM114*</a></li> </ul>	<ul style="list-style-type: none"> <li>• DDR4 ECC SODIMM: <a href="#">D4ES02-4G/D4ES02-8G/D4ES01-16G</a></li> <li>• Expansion Units: <a href="#">RX418</a></li> <li>• Enterprise Series 3.5" SATA HDD: <a href="#">HAT5300 Series</a></li> <li>• Plus Series 3.5" SATA HDD: <a href="#">HAT3300 Series</a></li> <li>• Enterprise Series 2.5" SATA SSD: <a href="#">SAT5200 Series</a></li> <li>• M.2 SSD &amp; 10GbE Combo Adapter Card: <a href="#">E10M20-T1</a></li> <li>• M.2 SSD Adapter Card: <a href="#">M2D20/M2D18</a></li> <li>• 25GbE Network Interface Card: <a href="#">E25G30-F2</a></li> <li>• 10GbE Network Interface Card: <a href="#">E10G30-F2/E10G30-T2/E10G18-T1</a></li> <li>• Rail Kit Sliding: <a href="#">RKS-02</a></li> <li>• Rail Kit Mounted: <a href="#">RKM114*</a></li> </ul>
		Notes	<ul style="list-style-type: none"> <li>• Certain items may not be available in your location. Please contact your local distributors for more information.</li> </ul>

## NOTES

- Upgrade to DSM 7.2-64551 or later before installing the M2D18.
- All memory modules will operate at the maximum frequency specified by the CPU manufacturer.

## Software Specs

DSM Specifications		RS822RP+	RS822+
<a href="#">Storage Management</a>	Maximum Single Volume Size	108 TB	108 TB
	Maximum Internal Volume Number	64	64
	SSD Read/Write Cache ( <a href="#">Determining cache size</a> )		
	SSD TRIM		
	Supported RAID Type	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• Basic</li> <li>• JBOD</li> <li>• RAID 0</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• Basic</li> <li>• JBOD</li> <li>• RAID 0</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>
	RAID Migration	<ul style="list-style-type: none"> <li>• Basic to RAID 1</li> <li>• Basic to RAID 5</li> <li>• RAID 1 to RAID 5</li> <li>• RAID 5 to RAID 6</li> </ul>	<ul style="list-style-type: none"> <li>• Basic to RAID 1</li> <li>• Basic to RAID 5</li> <li>• RAID 1 to RAID 5</li> <li>• RAID 5 to RAID 6</li> </ul>
	Volume Expansion with Larger HDDs	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>
	Volume Expansion by Adding a HDD	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• JBOD</li> <li>• RAID 5</li> <li>• RAID 6 (with Expansion Unit)</li> </ul>	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• JBOD</li> <li>• RAID 5</li> <li>• RAID 6 (with Expansion Unit)</li> </ul>
	Global Hot Spare Supported RAID Type	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6 (with Expansion Unit)</li> <li>• RAID 10 (with Expansion Unit)</li> </ul>	<ul style="list-style-type: none"> <li>• Synology Hybrid RAID</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6 (with Expansion Unit)</li> <li>• RAID 10 (with Expansion Unit)</li> </ul>
	Notes	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Each internal volume (may consist of multiple drives) is expandable up to</li> </ul>	

		108TB.	
<a href="#">File System</a>	Internal Drives	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• ext4</li> </ul>	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• ext4</li> </ul>
	External Drives	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• ext4</li> <li>• ext3</li> <li>• FAT</li> <li>• NTFS</li> <li>• HFS+</li> <li>• exFAT</li> </ul>	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• ext4</li> <li>• ext3</li> <li>• FAT</li> <li>• NTFS</li> <li>• HFS+</li> <li>• exFAT</li> </ul>
<a href="#">File Services</a>	File Protocol	<ul style="list-style-type: none"> <li>• SMB</li> <li>• AFP</li> <li>• NFS</li> <li>• FTP</li> <li>• WebDAV</li> <li>• Rsync</li> </ul>	<ul style="list-style-type: none"> <li>• SMB</li> <li>• AFP</li> <li>• NFS</li> <li>• FTP</li> <li>• WebDAV</li> <li>• Rsync</li> </ul>
	Maximum Concurrent SMB/AFP/FTP Connections	500	500
	Maximum Concurrent SMB/AFP/FTP Connections (with RAM expansion)	2,000	2,000
	Windows Access Control List (ACL) Integration		
	NFS Kerberos Authentication		
	Notes	<ul style="list-style-type: none"> <li>• Regarding data concerning tests with RAM expansion, all memory slots are installed with the maximum capacity of supported RAM.</li> <li>• 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.</li> </ul>	
<a href="#">Account &amp; Shared Folder</a>	Maximum Local User Accounts	2,048	2,048
	Maximum Local Groups	256	256
	Maximum Shared Folder	512	512
	Maximum Shared Folder Sync Tasks	8	8
<a href="#">Hybrid Share</a>	Maximum Hybrid Share Folders	10	10
	Folder and Package Backup		

<a href="#">Hyper Backup</a>	Entire System Backup		
	Notes	Full-system backup requires DSM 7.2 or later.	
<a href="#">High Availability</a>	Synology High Availability		
<a href="#">Log Center</a>			
	Syslog Events per Second	800	800
Virtualization	VMware ESXi 6.5 and VAAI		
	Windows Server 2016		
	Windows Server 2022		
	Citrix Ready		
	OpenStack		
<a href="#">General Specifications</a>	Supported Protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV
	Supported Browsers	<ul style="list-style-type: none"> <li>• Chrome</li> <li>• Firefox</li> <li>• Edge</li> <li>• Safari</li> </ul>	<ul style="list-style-type: none"> <li>• Chrome</li> <li>• Firefox</li> <li>• Edge</li> <li>• Safari</li> </ul>
	Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, 繁體中文, 日本語, 繁體中文, 简体中文	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, 繁體中文, 日本語, 繁體中文, 简体中文
	Notes	For an updated list of supported browser versions, check the <a href="#">DSM Technical Specifications</a> .	