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## NAS Synology RS422+ RackStation 4-bay

Šifra:  
Kategorija proizvoda: Oprema za servere  
Proizvođač: Synology

Cena: **150.249,00** rsd.

## NAS Synology RS422+ RackStation 4-bay

### Hardware Specifications

<b>CPU</b>	CPU Model	AMD Ryzen R1600
	CPU Quantity	1
	CPU Core	2
	CPU Architecture	64-bit
	CPU Frequency	2.6 (base) / 3.1 (turbo) GHz
<b>Memory</b>	Hardware Encryption Engine	
	System Memory	2 GB DDR4 ECC
	Notes	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.
<b>Storage</b>	Drive Bays	4
	Drive Type ( <a href="#">See all supported drives</a> )	3.5" SATA HDD 2.5" SATA SSD
	Hot Swappable Drive*	
<b>External Ports</b>	RJ-45 1GbE LAN Port	2
	USB 3.2 Gen 1 Port*	1
	Notes	This device's 1GbE LAN ports have a maximum transmission unit (MTU) size of 1,500 bytes. The USB 3.0 standard was renamed to USB 3.2 Gen 1 by the USB Implementers Forum (USB-IF) in 2019.
<b>PCIe</b>	PCIe Expansion	1 x Gen3 x2 network upgrade slot
<b>Appearance</b>	Form Factor (RU)	1U
	Size (Height x Width x Depth)	44 mm x 478 mm x 327.5 mm
	Weight	4.38 kg
	Rack Installation Support*	4-post 19" rack (Synology Rail Kit - <a href="#">RKM114/RKS-02</a> ) 2-post 19" rack (direct mounting)
<b>Others</b>	Notes	The rail kit is sold separately
	System Fan	40 mm x 40 mm x 3 pcs
	Fan Speed Mode	Full-Speed Mode Cool Mode Quiet Mode
	Power Recovery	
	Noise Level*	28.5 dB(A)

	Scheduled Power On / Off	
	Wake on LAN / WAN	
	Power Supply Unit / Adapter	100 watts
	AC Input Power Voltage	100V to 240V AC
	Power Frequency	50/60 Hz, Single Phase
	Power Consumption	37.93 watts (Access) 13.43 watts (HDD Hibernation)
	British Thermal Unit	129.42 BTU/hr (Access) 45.83 BTU/hr (HDD Hibernation)
	Notes	For more information on how power consumption is measured, refer to <a href="#">this article</a> . 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%
<b>Temperature</b>	Operating Temperature	0°C to 35°C (32°F to 95°F)
	Storage Temperature	-20°C to 60°C (-5°F to 140°F)
	Relative Humidity	5% to 95% RH
<b>Certification</b>	FCC CE BSMI VCCI RCM UKCA EAC CCC KC BIS	
<b>Warranty</b>	3-year hardware warranty, extendable to 5 years with <a href="#">EW201</a> or <a href="#">Extended Warranty Plus</a>	
	Notes	The warranty period starts from the purchase date as stated on your purchase receipt. ( <a href="#">Learn more</a> ) <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.
<b>Environment</b>	RoHS Compliant	
<b>Packaging Content</b>	Main Unit X 1 Accessory Pack X 1 AC Power Cord X 1 Quick Installation Guide X 1	
<b>Optional Accessories</b>	Enterprise Series 3.5" SATA HDD: <a href="#">HAT5300 Series</a> Plus Series 3.5" SATA HDD: <a href="#">HAT3300 Series</a> Enterprise Series 2.5" SATA SSD: <a href="#">SAT5200 Series</a> 10GbE Network Upgrade Module: <a href="#">E10G22-T1-Mini</a> Rail Kit Sliding: <a href="#">RKS-02</a> Rail Kit Mounted: <a href="#">RKM114*</a>	
	Notes	Certain items may not be available in your location. Please contact your local distributors for more information.
<b>DSM Specifications</b>		
<b>Storage Management</b>	Maximum Single Volume Size	108 TB
	Maximum Internal Volume Number	64
	SSD Read/Write Cache ( <a href="#">Determining cache size</a> )	
	SSD TRIM	

	Supported RAID Type	Synology Hybrid RAID Basic JBOD RAID 0 RAID 1 RAID 5 RAID 6 RAID 10
	RAID Migration	Basic to RAID 1 Basic to RAID 5 RAID 1 to RAID 5 RAID 5 to RAID 6
	Volume Expansion with Larger HDDs	Synology Hybrid RAID RAID 1 RAID 5 RAID 6 RAID 10
	Volume Expansion by Adding a HDD	Synology Hybrid RAID JBOD RAID 5
	Global Hot Spare Supported RAID Type	Synology Hybrid RAID RAID 1 RAID 5
	Notes	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. Actual maximum storage pool and volume sizes depend on drive sizes used, the number of drive bays available, and the RAID configuration.
<b>File System</b>	Internal Drives	Btrfs ext4
	External Drives	Btrfs ext4 ext3 FAT NTFS HFS+ exFAT
<b>File Services</b>	File Protocol	SMB AFP NFS FTP WebDAV Rsync
	Maximum Concurrent SMB/AFP/FTP Connections	500
	Windows Access Control List (ACL) Integration	
	NFS Kerberos Authentication	
	Notes	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.
<b>Account &amp; Shared Folder</b>	Maximum Local User Accounts	2,048
	Maximum Local Groups	256

	Maximum Shared Folder	512
	Maximum Shared Folder Sync Tasks	8
<b>Hybrid Share</b>	Maximum Hybrid Share Folders	10
<b>Hyper Backup</b>	Folder and Package Backup	
	Entire System Backup	
	Notes	Full-system backup requires DSM 7.2 or later.
<b>High Availability</b>	Synology High Availability	
<b>Log Center</b>	Syslog Events per Second	800
<b>General Specifications</b>	Supported Protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV
	Supported Browsers	Chrome Firefox Edge Safari
	Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, ???????, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ???????, ???, ???, ?????, ????
	Notes	For an updated list of supported browser versions, check the <a href="#">DSM Technical Specifications</a> .
<b>Add-on Packages <a href="#">view the complete package list</a></b>		
<b>Central Management System</b>		
<b>Synology Chat</b>	Suggested Users	100
	Notes	Measured with simulated users, each with an average record of 20,000 messages, emojis, or stickers. The required server response time is below ten seconds. Models with expandable memory are tested with their maximum supported memory.
<b>Download Station</b>	Maximum Concurrent Download Tasks	80
<b>SAN Manager</b>	Maximum iSCSI Target Number	128
	Maximum LUN	256
	LUN Clone/Snapshot, Windows ODX	
<b>Media Server</b>	DLNA Compliance	
<b>Synology Photos</b>	Facial Recognition	
<b>Snapshot Replication</b>	Maximum Snapshots per Shared Folder	1,024
	Maximum of System Snapshots	65,536
<b>Surveillance Station</b>	Default Licenses	2 ( <a href="#">Additional cameras require purchase of licenses</a> )
	Suggested Maximum IP Cameras and Total FPS (H.264)	1080p: 40 channels, 800 FPS 3M: 35 channels, 350 FPS 5M: 28 channels, 280 FPS 4K: 17 channels, 170 FPS
	Suggested Maximum IP Cameras and Total FPS (H.265)	1080p: 40 channels, 1200 FPS 3M: 40 channels, 600 FPS 5M: 40 channels, 480 FPS 4K: 20 channels, 200 FPS

	Notes	<p>Performance figures are obtained from testing conducted with the device fully populated with drives, with their default memory configuration, and under a continuous recording setup. Actual system capabilities may vary based on configuration, drive performance, enabled features, and the presence of additional workloads.</p> <p>Use <a href="#">NVR Selector</a> to quickly find a suitable model based on your requirements.</p> <p>The number of streams that can be viewed simultaneously is <b>twice</b> the suggested maximum number of cameras. For example, if the suggested maximum number of cameras for a model is 10 under H.264, 1080p, the model can support up to 20 streams of the same specification at the same time.</p>
<a href="#">Synology Drive</a>	Recommended Number of Concurrent Sync Clients	350 (the number of connections that can be maintained when the recommended number of hosted files was reached)
	Recommended Number of Hosted Files	5,000,000 (applies to files indexed or hosted by <a href="#">Synology Drive</a> . For file access through other standard protocols, refer to the File Services section above)
	Notes	<p>Exceeding the recommended numbers above will not block application operations, but may result in longer response time.</p> <p>Utilizing SSD cache can significantly improve performance.</p> <p>Btrfs file system and non-encrypted shared folders were used during the aforementioned testing.</p>
<a href="#">Synology Office</a>	Suggested Users	3,000
	Notes	<p>Suggested users is derived from testing in an environment with 60% idle users (each logging in and viewing documents) and 40% active users (each executing random actions at intervals of 20 to 40 seconds) operating within documents, each document having 30 users. <a href="#">Learn more</a></p> <p>Client performance may affect maximum simultaneous editing users. Client PCs used for testing: Intel Core i3-3220 / 8GB RAM</p>
<a href="#">VPN Server</a>	Maximum Connections	40