

NAS Synology RS422+ RackStation 4-bay

Šifra: 85812
 Kategorija proizvoda: Računari i radne stanice
 Proizvođač: Synology



Cena: 88.900,00

| Hardware Specifications | | | |
|-------------------------|---|---|---|
| CPU | CPU Model | AMD Ryzen R1600 | |
| | CPU Quantity | 1 | |
| | CPU Core | 2 | |
| | CPU Architecture | 64-bit | |
| | CPU Frequency | 2.6 (base) / 3.1 (turbo) GHz | |
| | Hardware Encryption Engine | | |
| Memory | 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. | |
| Storage | Drive Bays | 4 | |
| | Drive Type (See all supported drives) | 3.5" SATA HDD | 2.5" SATA SSD |
| | Hot Swappable Drive* | | |
| External Ports | 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. |
| PCIe | PCIe Expansion | 1 x Gen3 x2 network upgrade slot | |
| Appearance | 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 - RKM114/RKS-02) | 2-post 19" rack (direct mounting) |
| | Notes | The rail kit is sold separately | |
| Others | System Fan | 40 mm x 40 mm x 3 pcs | |

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| | 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 this article . | Noise testing was conducted with the Synology system fully installed with Synology SATA HDDs and in an idle stae. 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% |
| Temperature | 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 | |
| Certification | FCC | CE VCCI UKCA CCC BIS | BSM RCM EAC KC |
| Warranty | 3-year hardware warranty, extendable to 5 years with EW201 or Extended Warranty Plus | | |
| | Notes | The warranty period starts from the purchase date as stated on your purchase receipt. (Learn more) | Extended Warranty Plus is only available in Europe and North America. EW201/EW202 is only available in Asia, Africa, and Oceania. For exact availability information please visit their respective websites. |
| Environment | RoHS Compliant | | |
| Packaging Content | Main Unit X 1 | Accessory Pack X 1 Quick Installation Guide X 1 | AC P |

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| Optional Accessories | Enterprise Series 3.5" SATA HDD: HAT5300-Series | | Plus Series 3.5" SATA HDD: HAT3300-Series | | Enterprise Series 3.5" SATA HDD: HAT5300-Series |
| | | | 10GbE Network Upgrade Module: E10G22-T1-Mini | | Rail Kit Mounted: RKM114* |
| | Notes | | Certain items may not be available in your location. Please contact your local distributors for more information. | | |
| DSM Specifications | | | | | |
| Storage Management | Maximum Single Volume Size | | 108 TB | | |
| | Maximum Internal Volume Number | | 64 | | |
| | SSD Read/Write Cache (Determining cache size) | | | | |
| | 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. | |
| File System | Internal Drives | | Btrfs | ext4 | |

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| | External Drives | Btrfs | ext4 ext3 FAT NTFS HFS+ exFAT |
| File Services | 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. | |
| Account & Shared Folder | Maximum Local User Accounts | 2,048 | |
| | Maximum Local Groups | 256 | |
| | Maximum Shared Folder | 512 | |
| | Maximum Shared Folder Sync Tasks | 8 | |
| Hybrid Share Hyper Backup | Maximum Hybrid Share Folders | 10 | |
| | Folder and Package Backup | | |
| | Entire System Backup | | |
| | Notes | Full-system backup requires DSM 7.2 or later. | |
| High Availability Log Center | Synology High Availability | | |
| | Syslog Events per Second | 800 | |
| General Specifications | 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 DSM Technical Specifications . | |
| Add-on Packages view the complete package list | | | |
| Central Management System | | | |
| Synology Chat | Suggested Users | 100 | |

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| | 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. |
| Download Station | Maximum Concurrent Download Tasks | 80 | |
| <u>SAN Manager</u> | Maximum iSCSI Target Number | 128 | |
| | Maximum LUN | 256 | |
| | LUN Clone/Snapshot, Windows ODX | | |
| <u>Media Server</u> | DLNA Compliance | | |
| <u>Synology Photos</u> | Facial Recognition | | |
| <u>Snapshot Replication</u> | Maximum Snapshots per Shared Folder | 1,024 | |
| | Maximum of System Snapshots | 65,536 | |
| <u>Surveillance Station</u> | Default Licenses | 2 (Additional cameras require purchase of licenses) | |
| | 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 |

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| | 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 NVR Selector to quickly find a suitable model based on your requirements.</p> <p>The number of streams that can be viewed simultaneously is twice 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> |
| Synology Drive | 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 Synology Drive . 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> |
| Synology Office | Suggested Users | 3,000 |

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| | 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. Learn more</p> <p>Client performance may affect maximum simultaneous editing users. Client PCs used for testing: Intel Core i3-3220 / 8GB RAM</p> |
| VPN Server | Maximum Connections | 40 |