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NAS STORAGE RACKST 8BAY 2U/NO HDD RS1221+ SYNOLOGY

Model: RS1221+

Manufacturer: SYNOLOGY

EAN: 4711174723683

Product Code: 40447

R33,088

Compact and reliable

The RS1221+/RS1221RP+, at only 30 to 38 centimeters deep, is built for space-sensitive deployments. Boasting over 100K 4K random read IOPS and 2,315 MB/s sequential read, the RS1221+/RS1221RP+ is equipped to handle heavy workloads in data-intensive environments. The RS1221RP+ additionally features an extra level of protection with redundant power supplies.

A compact design for space efficiency

The RS1221+ and its RX418 expansion units are designed to help you save space in compact deployments. At only 30 centimeters, half the length of a typical 2U unit, it fits perfectly snug onto 2-post or shallow rackmount enclosures. The RS1221RP+ with dual power supplies comes in at 38 cm, also fitting most shallow depth enclosures.

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- Fits into shallow rackmount enclosures
- Easy-to-install on 2-post racks

Built for reliability

Redundant power

Reduce the chance that power disruptions on a single distribution channel or PDU causes data and service availability degradation.

Maximize service availability

When paired with another identical unit, Synology High Availability enables automatic minute-level failover between two clustered servers in the event of a server failure to minimize service downtime.

Data integrity and protection

ECC memory and the Btrfs file system bring higher reliability and snapshot capabilities to help prevent data corruption and simplify data protection.

High performance storage for anything

Up to 2,315/1,147 MB/s sequential read and write throughput and over 100K/54K random read/write IOPS ensures ample performance for demanding workloads.

With room to grow with you

Easily upgrade the RS1221+/RS1221RP+ to match your usage environment, whether it’s for performance, faster networking, or higher storage capacity.

SSD cache

Boost read/write IOPS over HDD-only arrays by 16X or more with NVMe or SATA SSD Cache

10GbE ready

Improve I/O with faster SFP+ or RJ-45 networking

Storage expansion

Expand to 12 drive bays with a RX418 expansion unit

Data protection solutions, built-in

Hyper Backup

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A comprehensive backup and recovery solution for added data protection. Create backup destinations locally, on another Synology device, rsync servers, or cloud-based destinations, such as Google Drive, Dropbox, S3-compatible destinations, and Synology C2 Storage, a dedicated backup destination for Synology devices. Deduplication, integrity checks, and incremental transfer technology reduce bandwidth and storage use.

Snapshot Replication

Easily schedule flexible point-in-time backups of shared folders and LUNs with an RPO as low as 5 minutes and recovery in seconds. Set up replication and failover to other Synology storage systems for fast RTOs and minimal service disruption.

Protect your entire office with Active Backup

The Active Backup suite enables administrators to easily secure their entire IT infrastructure by backing up mission-critical data to their NAS, including Windows & Linux workstations and servers, file servers, VMware and Hyper-V virtual machines, and Microsoft 365 and Google Workspace accounts. Benefit from deduplication, multiversioning to quickly jump back in time, and additional data efficiency optimizations for reduced bandwidth and storage use.

Fully certified storage virtualization solutions

Synology iSCSI storage fully supports mainstream virtualization solutions to enhance work efficiency with an easy management interface. VMware vSphere 6 and VAAI integration helps offload storage operations. Windows Offloaded Data Transfer (ODX) speeds up data transfer. OpenStack Cinder support turns your Synology NAS into a block-based storage component. Additionally Synology Storage Console enables even more simplified storage provisioning and management options in VMware and Windows environments.

Works best with Synology drives

Engineered to handle intensive 24/7 workloads, Synology drives consistently deliver top-grade performance.

Powered by Synology DiskStation Manager

Synology High Availability

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Seamless transition between clustered servers in the event of a server failure to minimize the impact on applications.

Virtual Machine Manager

Run various operating systems in isolated sandboxes. Seamlessly clone, store, and migrate virtual machines.

Synology Drive

Instantly access your NAS files across multiple devices whenever you want, wherever you are.

Central Management System

Conveniently manage your fleet of Synology NAS from a centralized console.

Surveillance Station

Complete surveillance solution for recording, monitoring, and management.

Collaboration Suite

Satisfy all team collaboration needs behind the safety of your own private cloud with Synology Office, Calendar, and Chat.

- AMD Ryzen™ V1500B quad-core 2.2 GHz
- 2,300 MB/s seq. read 100K 4K random read IOPS
- 4 GB ECC DDR4 Up to 32 GB
- 30cm depth (38cm for RP model)

Summary: Synology RackStation RS1221+. Type: NAS. Chassis type: Rack (2U). Device class: Small & Medium Business. Processor family: Ryzen Embedded, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 4 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: DiskStation Manager | Vendor Homepage: https://www.synology.com/en-global/products/RS1221+ | Saugojimo kaupiklio talpa: 0 | Palaikomi saugojimo kaupiklių sąsajos: Serial ATA II,Serial ATA III | Palaikomi saugojimo kaupiklio dydžiai: 2.5/3.5 | RAID palaikymas: Taip | RAID lygiai: 0/1/10/5/6/JBOD | Tisioginė RAID migracija: Taip | Tiesioginė RAID plėtra: Taip | Neišjungus pakeičiami diskų skyreliai: Taip | Palikomų failų sistemos: BTRFS/exFAT/ext3/ext4/FAT/HFS+/NTFS | Įrengti saugojimo kaupikliai: Ne | Bendras įrengtos saugyklos pajėgumas: 0 | Palaikomų saugojimo tvarkyklių skaičius: 8 | Įdiegtas kaupiklio tipas: Ne | Palaikomi saugojimo kaupiklių tipai: HDD & SSD | Procesoriaus gamintojas: AMD | Procesoriaus karta: AMD Ryzen Embedded V1000 Series | Procesoriaus šeima: Ryzen Embedded | Procesoriaus modelis: V1500B | Procesoriaus dažnis: 2.2 | Procesoriaus branduoliai: 4 | Integruoto grafikos adapterio modelis: Nepasiekiama | Vidinė atmintis: 4 | Vidinės atminties tipas: DDR4 | Maksimali palaikoma

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RAM atmintis: 32 | Atminties formos koeficientas: SO-DIMM | Atminties lizdai: 2 | ECC: Taip | Ethernet LAN jungtis: Taip | Eterneto LAN duomenų perdavimo norma: 1000 | iSCSI palaikymas: Taip | Wake-on-LAN pasirengimas: Taip | Apkrovos balansavimo sistema: Taip | Nuorodų agregacija: Taip | Palaikomi tinklo protokolai: SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN | USB prievadas: Taip | USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius: 2 | eSATA prievadų skaičius: 1 | Ethernet LAN (RJ-45) portų kiekis: 4 | PCI „Express“ x8 (3.x kart.) angos: 1 | Bloko tipas: Stovas (2U) | Aušinimo tipas: Aktyvus | Produkto spalva: Juoda | Ventiliatorių skaičius: 2 | Ventiliatoriaus skersmuo: 80 | Disko skyriaus užfiksavimas: Taip | LED indikatoriai: Būsena/Energija/HDD | Tipas: NAS | Įrenginio klasė: Smulkusis ir vidutinis verslas | Atsarginio atkūrimo funkcija: Taip | Atsarginio atkūrimo funkcijos: „Cloud“/iSCSI LUN | Kalbų palaikymas: Taip | Garso lygis: 25.2 | Momentinė nuotrauka: Taip | Valdymo protokolai: SNMP | Web pagrįstas valdymas: Taip | Apsaugos algoritmų palaikymas: HTTPS/SSH/SSL/TLS | Atstatymo mygtukas: Taip | Bendrinamas katalogas: AFP, CIFS/SMB, FTP, WebDAV | Greito automatinio rezervo įjungimo įrenginys: Taip | Įmontuotas FTP serveris: Taip | On/off mygtukas: Taip | Palaikoma naršyklė: Safari, Chrome, Edge, Internet Explorer, Firefox | Prieigos kontrolės sąrašas (ACL): Taip | Sistemos žurnalas: Taip | Numatyta operacinė sistema: DiskStation Manager | Palaikomos „Windows“ operacinės sistemos: Taip | Palaikomos MAC operacinės sistemos: Taip | Maitinimo šaltinio vieta: Įntegruota | Maitinimo šaltinio įrenginio (PSU) talpa: 250 | Energijos suvartojimas: 49.89 | Energijos suvartojimas (HDD budėjimo režimas): 22.64 | AC įėjimo įtampa: 100 - 240 | AC įėjimo dažnis: 50 - 60 | Plotis: 482 | Ilgis: 306.6 | Aukštis: 88 | Svoris: 6900 | Pridėti kabeliai: AC | Maitinimo laidų skaičius: 2 | Tvarumo reikalavimų laikymasis: Taip | Darbo temperatūros diapazonas (TT): 0 - 35 | Darbo santykinės drėgmės diapazonas: 5 - 95 | Darbinis aukštis: 0 - 5000 | Sandėliavimo temperatūros norma (T-T): -20 - 60 | Darniosios sistemos (DS) kodas: 84714100 | Atitikties sertifikatai: CE/RoHS | Bruto svoris: 9.4 | Neto svoris: 6.9 | Vienetų skaičius vienoje siuntimo dėžėje: 1 | Vieneto plotis: 22 | Shipping Box Height: 42 | Vieneto gylis: 59 | Vieneto aukštis: 42 | Name: NAS STORAGE RACKST 8BAY 2U/NO HDD RS1221+ SYNOLOGY | Model name: RS1221+

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