



SYNOLOGY RACKSTATION RS1221+/RS1221RP+

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Synology Rackstation RS1221+/RS1221rp+ is a powerful storage solution with redundancy and service continuity features ideal for businesses and IT enthusiasts.

With a depth of approximately 30 to 38 centimetres, the RS1221+/RS1221RP+ is designed for installations that need little space. The RS1221+ and its RX418 extension units are made to allow you to install systems in small spaces. It fits nicely onto 2-post or shallow rackmount cabinets since it is only 30 centimetres long, which is half the length of a standard 2U unit. The 38 cm length of the dual power supply RS1221RP+ allows it to fit in most shallow depth cabinets. The RS1221+/RS1221RP+ has 2,315 MB/s sequential read and over 100K 4K random read IOPS, making it capable of handling high workloads in data-intensive environments.

Moreover, the redundant power supply of the RS1221RP+ give an additional layer of protection. Synology's Rackstation reduce the possibility that a single distribution route will experience power outages or that a PDU will lead to a decrease in the availability of data and services. To reduce service downtime, Synology High Availability allows automatic minute-level failover between two clustered servers when rackstation is paired with another identical unit. Higher reliability and snapshot capabilities brought by ECC memory and the Btrfs file system aid in preventing data corruption and making data protection simpler. Ample performance for demanding workloads is guaranteed with up to 2,315/1,147 MB/s sequential read and write throughput and over 100K/54K random read/write IOPS. The RS1221+/RS1221RP+ may be easily upgraded to fit your usage scenario, whether it's for performance, faster networking, or more storage space.

MAXIMIZE DATA AVAILABILITY WITH HYPER BACKUP AND SNAPSHOT REPLICATION

For additional data protection, Hyper Backup is a robust backup and recovery solution. Create backup destinations locally, on a different Synology device, rsync servers, or cloud-based locations like Google Drive, Dropbox, S3-compatible locations, and Synology C2 Storage, a dedicated backup location for Synology devices. The consumption of bandwidth and storage is reduced using deduplication, integrity checks, and incremental transfer technologies.

With Snapshot Replication, it's simple to plan flexible point-in-time backups of shared folders and LUNs, with recovery times of just a few seconds and an RPO as low as five minutes. To achieve



fast RTOs and less service interruption, setup replication and failover to additional Synology storage systems.

PROTECT YOUR ENTIRE OFFICE WITH ACTIVE BACKUP

To easily secure their entire IT infrastructure, administrators can use the Active Backup suite to back up mission-critical data from Windows & Linux workstations and servers, file servers, VMware and Hyper-V virtual machines, as well as Microsoft 365 and Google Workspace accounts, to their NAS. Gain from deduplication, multi-versioning (that allows you to swiftly jump back in time), and other data efficiency improvements for decreased bandwidth and storage utilization.

CERTIFIED STORAGE VIRTUALIZATION SOLUTIONS

Synology iSCSI storage offers a simple administrative interface and fully supports popular virtualization programs. Storage processes are offloaded thanks to the combination of VMware vSphere 6 and VAAI while data transport is sped up via Windows Offloaded Data Transfer (ODX). In addition, your Synology NAS becomes a block-based storage component with OpenStack Cinder support. Lastly, Synology Storage Console provides Windows and VMware systems with even simpler storage provisioning and control choices.

All virtualization solutions are easily integrated with virtualization platforms from which is fully certified (VMware, vSphere, Microsoft, Hyper-V, Citrix, XenServer, and OpenStack Cinder).

IDEAL FOR SYNOLOGY DRIVES

Synology drives continuously provide top-notch performance since they are designed to handle demanding 24/7 workloads. Rackstation RS1221+ and RS1221RP+ work best with Synology drives (SATA 3.5" HDD HAT5300, NVMe M.2 SSD SNV3000, SATA 2.5" SSD SAT5200).

POWERED BY SYNOLOGY DISKSTATION MANAGER

Synology High Availability. In the case of a server failure, a seamless switch between clustered servers should be made to lessen the impact on applications.

Virtual Machine Manager. Run different operating systems in separate "sandboxes." Clone, save, and move virtual computers with ease.

Synology Drive. Access your NAS files instantly on a variety of devices whenever you want, from any location.

Central Management System. Manage all your Synology NAS devices easily from one interface.



Surveillance. Utilize technologies for intelligent video management and monitoring to safeguard your home or place of business.

Collaboration Suite. With Synology Office, Calendar, and Chat, you can meet all your team's collaboration needs (documents, spreadsheets, and presentations) in the privacy of your own private cloud.

IBSCY Ltd is a certified partner of Synology in Cyprus, and it has the knowledge and experience to sell, install, and maintain all Synology products. Our solution architects can help you choose the most pertinent piece of hardware for your needs from the vast selection of Synology devices. Furthermore, they can assist you in implementing all the features offered and explain all the capabilities that they can offer.

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