



Synology RackStation RS1221RP+ NAS/Storage Server Rack (2U) Ethernet LAN Black V1500B (RS1221RP+)

Model: RS1221RP+

Manufacturer: SYNOLOGY

EAN: 846504003693

Product Code: 1577118

R49,345

**Synology RackStation RS1221RP+ NAS/Storage Server Rack (2U) Ethernet
LAN Black V1500B**

Synology RackStation

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The Synology RackStation RS1221+/ RS1221RP+ are powerful 2U 8-bay rackmount network-attached storage solutions, perfect for centralizing data management in short rack-depth environments. The RS1221+ series is ideal for handling heavy file workloads and protecting digital assets in small business environments through the comprehensive data protection options included in the DiskStation Manager (DSM) operating system.

Versatile by Design

Synology RS1221+/RS1221RP+ is a multi-purpose powerhouse, suited to a wide range of scenarios. The short form factor enables easy installation on a two-post rack (RS1221+ only) or in space-limited environments.

- Over 108,173 4K random read IOPS and 2,315 MB/s sequential write throughput¹ for demanding workloads
- Features 8 bays, for 2.5" and 3.5" SATA HDD/SSD drives, and can be expanded to 12 bays with a Synology RX418 expansion unit.

Optimized for Data Protection and Integrity

Powered by Synology DSM, our unified data management operating system with support for the Btrfs file system, data stored on the RS1221+/RS1221RP+ is safely guarded by modern data protection technologies.

- **Advanced snapshot technology** provides schedulable and near-instantaneous data protection of shared folders and LUNs
- **File and folder level data restoration offers** users who wish to restore only a specific file or folder more flexibility
- **Flexible Shared Folders and user quota system** provides comprehensive quota control for all user accounts and shared folders
- **File self-healing** allows Btrfs file systems to autodetect corrupted files using mirrored metadata and to recover broken data using RAID configurations
- **Inline compression** compresses data before writing it to the drive, to optimize storage use and reduce write commands to the drives

Data Backup Solutions for IT Infrastructure

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- Synology Active Backup Suite is a collection of license-free backup solutions built to protect Windows PCs and servers, VMs, other file servers, and even Google Workspace and Microsoft 365 cloud applications.
- Active Backup for Business (ABB) consolidates backup tasks for physical and virtual environments, and enables rapid restoration of files, entire physical machines, and VMs.
- Active Backup for Google Workspace enables backup of Google Workspace data including Gmail, Contacts, Calendar, and Drive.
- Active Backup for Microsoft 365 enables backup of Microsoft 365 data including OneDrive for Business, SharePoint Online, emails, contacts, and calendar.

On-Premises Collaboration

Synology's collaboration suite is a private SaaS for file sharing, concurrent document editing, emails, instant messaging, and more. By leveraging a private cloud infrastructure, it ensures data ownership, while multilayered security enables secure multi-platform access.

- Synology Drive allows data access, synchronization, on-demand file restoration, and backup.
- Synology MailPlus4 provides a secure, reliable, and private email server.
- Synology Chat brings teams together through instant multi-platform communication.
- Synology Calendar helps teams keep track of what is important with convenient calendar sharing and scheduling.

Virtualization and Certified Storage

DSM streamlines provisioning and management of storage for virtual machines (VM). Certified for VMware® vSphere™, Microsoft® Hyper-V®, Citrix® XenServer™, and OpenStack, it integrates with your virtualization platform of choice through iSCSI or NFS protocols. Install Synology Storage Console on VMware or Windows platforms for additional management convenience and functionality right in the hypervisor.

Synology Virtual Machine Manager (VMM) is a hosted hypervisor for virtual machines running Windows®, Linux®, or virtualized versions of DSM with recovery mechanisms that ensure data protection on each VM.6

Private Video Surveillance

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With Synology Surveillance Station, the RS1221+/RS1221RP+ becomes a powerful Network Video Recorder solution with support for up to 40 IP cameras.

- 7,900+ supported camera models
- ONVIF support prevents vendor lock-in
- Private, subscription-free storage of recordings
- Access through web browsers, desktop clients, or mobile apps
- Event-based rules to trigger specific actions
- Email, SMS, or push notification systems

Additional Product Notes

1. Next-Generation File System
 - Btrfs is a modern file system designed to safeguard data integrity through metadata mirroring, file selfhealing, and fast snapshot replication.
2. Synology Collaboration Suite
 - A powerful and secure private cloud solution that lets teams collaborate, sync files, and communicate with others anytime, anywhere.
3. Flexible Virtualization
 - Whether providing VM storage through iSCSI, NFS, or running them directly on the DS1821+ using Virtual Machine Manager, Synology DSM provides comprehensive tools to protect your virtual applications.
4. Synology Backup Solutions
 - DSM backup solutions are designed to be lowmaintenance, with different RPO/RTO targets, storage efficiency, and backup destinations available depending on your requirements.
5. Always On Guard
 - Protect your home or office with Synology's reliable and intuitive VMS solution. Surveillance Station combines intelligent monitoring and robust management features for flexible deployment scenarios.

Networking protocols	File sharing capabilities	CPU	Memory	External ports	System fans
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	Maximum local user accounts: 2,048				
SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)	Maximum local groups: 256 Maximum shared folders: 512 Maximum concurrent SMB/NFS/AFP/FTP connections: 1,000	AMD Ryzen™ V1500B quad-core 2.2 GHz	4 GB DDR4 ECC SODIMM (expandable up to 32 GB)	2 x USB 3.2 Gen 1 ports 1 x Expansion port (eSATA)	2 (120 x 120 x 25 mm)