



Expansion Unit

# RX1222sas



## On-the-Fly Capacity Expansion for Synology Servers

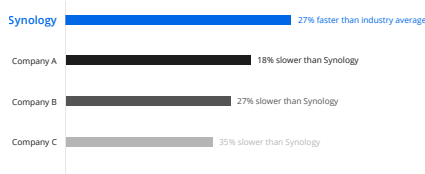
Synology Expansion Unit RX1222sas enables seamless storage expansion for Synology rackmount servers.<sup>1</sup> Simply connect it through the included expansion cable to add up to 12 SAS/SATA drive bays, and start leveraging new capacity immediately with Synology DiskStation Manager's (DSM) comprehensive volume management options. The unit is backed by Synology's 5-year limited warranty.<sup>2</sup>

### Highlights

- **Intuitive Installation**  
Add up to 12 additional 3.5"/2.5" SAS/SATA drives in a 2U enclosure with minimal setup and disruption
- **Simple Configuration**  
Start creating new volumes within minutes thanks to Synology DSM's unified tools
- **Ready for Synology Drives**  
Achieve unmatched integration and reliability with Synology SATA and SAS drives
- **Long-Term Support**  
Backed by Synology's 5-year limited warranty<sup>2</sup>

## Easy Setup and Configuration

Minimize service disruptions during expansion thanks to RX1222sas's plug-and-play design and simple volume management in Synology DSM. Take advantage of online volume expansion to add a new volume to your storage, or seamlessly expand RAID volumes on DSM without reformatting drives.



### Faster Drive Repair

*Synology HAS5300 considerably reduces the time needed to perform drive repair in RAID environments compared with similar-class and capacity drives, when used on Synology systems.<sup>3</sup>*



### Synology Has You Covered

*Keep your business running with the technical support services included in Synology's 5-year limited warranty.<sup>2</sup>*

## Redundant Design for Maximum Uptime

Ensure the availability of your services with modular key system components — including power supplies, drive trays, and fan modules — that are designed for easy replacement. Dual power supplies allow you to eliminate single points of failure.

## Achieve More With Synology Drives

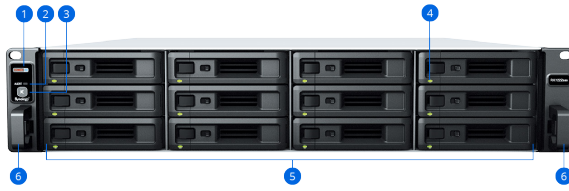
Backed by rigorous testing and designed to provide unmatched performance and reliability when paired with Synology hardware, Synology HAT5300 SATA HDDs, HAS5300 SAS HDDs, and SAT5200 SATA SSDs are the ideal choice to build a highly integrated storage setup.

## Backed by Synology's 5-Year Limited Warranty

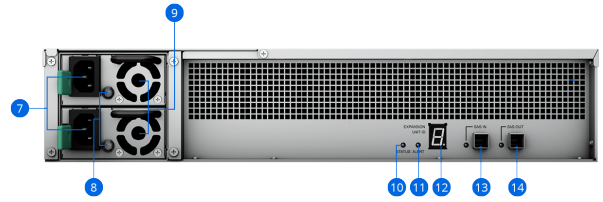
Maximize your return on investment with the comprehensive hardware replacement and premium technical support offered by Synology's 5-year limited warranty.<sup>2</sup>

# Hardware Overview

## Front



## Rear



1	Power Indicator	2	Alert Indicator	3	Beep Off Button	4	Drive Status Indicators
5	Drive Trays	6	Rail Kit Release Tabs	7	Power Ports	8	PSU Indicators
9	PSU Fans	10	Status Indicator	11	Alert Indicator	12	Expansion Unit ID Indicator
13	SAS IN Port	14	SAS OUT Port				

## Hardware

Compatible drive types	12 x 3.5" or 2.5" SAS/SATA HDD/SSD (drives not included)
Hot swappable drives	Yes
External ports	SAS IN x 1, SAS OUT x 1
Size (HxWxD)	<ul style="list-style-type: none"> <li>88 x 430.5 x 692 mm</li> <li>88 x 482 x 724 mm (with server handles)</li> </ul>
Weight	13.5 kg
System fans	4 x (80 x 80 x 32 mm)
AC input power voltage	100 V to 240 V AC
Power frequency	50/60 Hz, single phase
Operating temperature	0°C to 35°C (32°F to 95°F)
Storage temperature	-20°C to 60°C (-5°F to 140°F)
Operating humidity	8% to 80% RH
Storage humidity	5% to 95% RH
Maximum operating altitude	5,000 m (16,400 ft)

## Environment and Packaging

Environmental safety	RoHS compliant
Package contents	<ul style="list-style-type: none"> <li>1 x RX1222sas main unit</li> <li>2 x AC power cord</li> <li>2 x Expansion cable</li> <li>1 x Accessory pack</li> <li>1 x Quick Installation Guide</li> </ul>
Optional accessories <sup>4</sup>	<ul style="list-style-type: none"> <li>3.5" SATA HDD: HAT5300</li> <li>3.5" SAS HDD HAS5300</li> <li>2.5" SATA SSD: SAT5200</li> <li>Sliding Rail Kit: RKS-02</li> </ul>
Warranty	5 years <sup>2</sup>

Note: Model specifications are subject to change without notice. Please refer to [www.synology.com](http://www.synology.com) for the latest information.

- Requires DSM 6.2.4-25556 Update 3, 7.0.1-42218 Update 2, or later versions to be installed on the host device.
- The warranty period starts from the date of purchase as stated on your receipt. Visit <https://www.synology.com/company/legal/warranty> for more information.
- Performance testing was conducted by Synology using 12 drives on an SA3600, configured using RAID 5 and a Btrfs file system, against similar capacity (12TB)

and class (Enterprise) drives. Results are for reference only. Actual performance may vary depending on workload, testing methods, and how devices and software are configured.

4. Please refer to our [compatibility list](#) for the latest optional accessories list.

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