Expansion Unit
RXD1219sas

Effortless Capacity Expansion for Your Synology Servers

Synology RXD1219sas is a 2U expansion unit, providing an easy storage space upgrade solution for your Synology servers[1]. It can add up to 12 additional 2.5" / 3.5" SAS drive bays on the fly when connected directly with a mini-SAS HD cable. Synology RXD1219sas is backed by Synology's 5-year limited warranty[2].
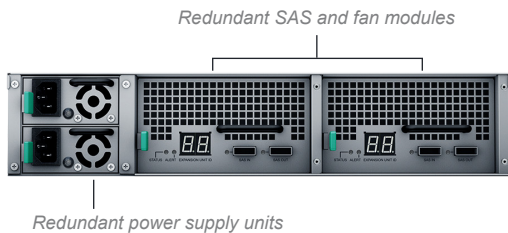
Highlights

- Plug-and-play design for seamless storage space upgrade
- 12 additional SAS interface drive bays available for online volume expansion on the fly
- Mini-SAS HD connectivity enabling high performance data transmission
- Redundant power supplies that maximize service uptime
- Fast rack fixing lock support with Synology Rail Kit RKS1317
- Backed by Synology's 5-year limited warranty[2]

Volume Expansion and Backup

Simply connect Synology Expansion Unit RXD1219sas to the corresponding Synology server[1] and it is ready to use. No additional software installation is required to upgrade your storage space seamlessly.

The RXD1219sas is a flexible solution supporting on-the-fly volume expansion or serving as a local backup destination. When your Synology server runs low on storage space, RXD1219sas provides easy capacity expansion by adding 12 additional 3.5" / 2.5" SAS drives to the system.

Redundant SAS and fan modules

Redundant power supply units

Modularized Design

All key system components are modularized, especially designed for easy replacement to ensure maximum service uptime.

Maximum Reliability Design

The redundant power supplies ensure maximum service uptime, while the key system components including SAS modules and system fans are modularized. In case of failure, they can be replaced easily to ensure maximum system uptime. The hot-swappable drive trays can also be replaced with ease if malfunctioned.

With the Synology tool-less design sliding rail kit RKS1317, you can experience the fast and secure rack cabinet installation effortlessly.

High-Performance Data Transmission

The mini-SAS HD provides high bandwidth connectivity to achieve maximum throughput during data transfer between your Synology server and RXD1219sas. It allows the drives in the connected RXD1219sas to operate as if they are the internal drives of the Synology server with no data latency.

5 YEAR WARRANTY

Synology's 5-year limited warranty

The 5-year limited warranty[2] provides technical support services to keep your business operations seamless.
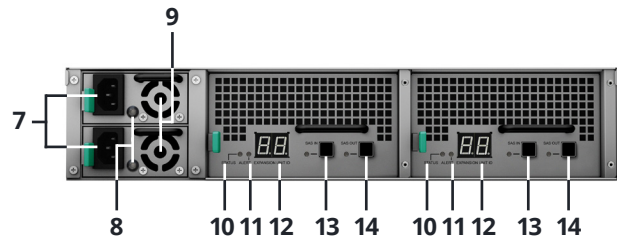
Backed by Synology's 5-Year Limited Warranty

Synology RXD1219sas is designed to reliably store your data and is backed by Synology's 5-year limited warranty[2], providing hardware replacement and technical support services to maximize your return on investment.

Hardware Overview

Front

Rear

1	Power button and indicator	2	Alert indicator	3	Beep off button	4	Drive tray
5	Drive status indicator	6	Rail kit release tab	7	Power port	8	PSU indicator and beep off button
9	PSU fan	10	Status indicator	11	Alert indicator	12	Expansion unit ID indicator
13	SAS IN port and indicator	14	SAS OUT port and indicator				

Technical Specifications

Hardware

Compatible drive type	12 x 3.5/2.5" SAS HDD/SSD (drives not included)
External ports (per module)	• 1 x SAS IN • 1 x SAS OUT
Size (HxWxD)	• 88 x 430.5 x 692 mm • 88 x 482 x 724 mm (with server ears) • 2U
Weight	18.2 kg
System fan (per module)	2 (60 x 60 x 51 mm)
AC input power voltage	100 V to 240 V AC
Power frequency	50/60 Hz, single phase
Power recovery	Synchronized with connected Synology server[1]
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
Maximum operating altitude	5,000 m (16,400 ft)

Environment and Packaging

Environment safety	RoHS compliant
Package content	• RXD1219sas main unit x 1 • Quick Installation Guide x 1 • Accessory pack x 1 • AC power cord x 2 • Expansion cable x2
Optional accessories	Synology RKS1317 - Rail Kit Sliding
Warranty	5 years[2]

SYNOLOGY INC.

Synology creates network-attached storage, IP surveillance solutions, and network equipment that transform the way users manage data, conduct surveillance, and manage networks in the cloud era. By taking full advantage of the latest technologies, Synology aims to help users centralize data storage and backup, share files on-the-go, implement professional surveillance solutions, and manage networks in reliable and affordable ways. Synology is committed to delivering products with forward-thinking features and the best in class customer services.

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