Synology

Expansion Unit

RX1223RP

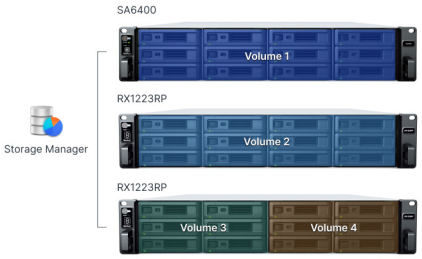


Dependable Capacity Expansion for Synology Servers

Accommodate growing storage demands with ease. The 2U RX1223RP provides 12 additional drive bays of storage expansion. Synology DiskStation Manager's (DSM) easy capacity expansion using Storage Manager allows users to expand their storage in minutes.

Highlights

- **Capacity Expansion**
  Add up to 12 additional 3.5"/2.5" SATA HDD/SSD drives
- **Simple Configuration**
  Gain storage expansion in minutes using Synology DSM's unified tools
- **Hardware Redundancy**
  Redundant power supply prevents single points of failure
- **Designed for Synology Drives**
  Synology drives provide the upmost in reliability and integration
- **Long-Term Support**
  Backed by Synology's 5-year limited warranty[1]



Expand storage on the fly

Online storage expansion lets users add new volumes or expand RAID volumes on the RX1223RP without affecting services on the NAS.

Rapid Deployment

Carry out planned storage expansion or take on unexpected demand for additional storage without skipping a beat. Plug-and-play compatibility means the RX1223RP is ready to use as soon as it is connected to its host device.

The high-speed expansion cable provided enables high bandwidth connectivity for maximum data throughput between your Synology NAS and Expansion Unit. Drives in RX1223RP operate with minimum data latency, as if installed directly on your NAS.

Hardware Redundancy for Increased Reliability

Minimize downtime thanks to modular drive trays and system fans that you can replace quickly and easily in case of malfunction, and eliminate single points of failure with dual power supplies.



Synology Has You Covered

Keep your business running with the technical support services included in Synology's 5-year limited warranty.[1]

Backed by Synology's 5-Year Limited Warranty

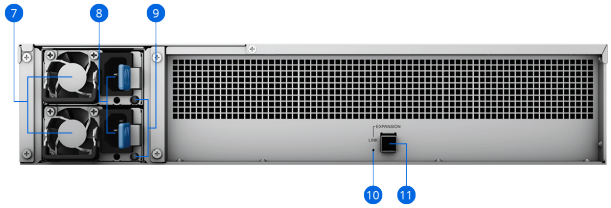
Maximize your return on investment with the comprehensive hardware replacement and premium technical support offered by Synology's 5-year limited warranty.[1]

Hardware Overview

Front



Rear



1	Power Indicator	2	Alert Indicator	3	Expansion Unit ID Indicator	4	Drive Status Indicator
5	Drive Trays	6	Rail Kit Release Tabs	7	PSU Fans	8	Power Ports
9	PSU Indicators	10	Link Indicator	11	Expansion Port		

Hardware

Compatible drive types	• 12 x 3.5 or 2.5" SATA HDD/SSD (drives not included) • Synology only guarantees full functionality, reliability, and performance for Synology drives listed on the compatibility list. The use of non-validated components may limit certain functionality and result in data loss and system instability[2]
Hot swappable drives	Yes
External ports	Expansion port (Mini-SAS HD) x 1
Size (HxWxD)	• 88 x 430.5 x 692 mm • 88 x 482 x 724 mm (with server handles)
Weight	13.9 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 environment	• Temperature: 0°C to 35°C (32°F to 95°F) • Relative humidity: 8% to 80% RH
Storage environment	• 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

Environmental safety	RoHS compliant
Package contents	• 1 x RX1223RP main unit • 2 x AC power cord • 1 x Mini-SAS HD Expansion cable • 1 x Accessory pack • 1 x Quick Installation Guide
Optional accessories[4]	• 3.5″ SATA HDD HAT5300 series • 2.5″ SATA SSD SAT5200 series • RKS-02 sliding rail kit
Warranty	5 years[1]

Note: Specifications are subject to change without notice. Please refer to the unit's specifications page for the most up to date information.

1. 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.
2. Please refer to our **compatibility list** for the latest optional accessories list.

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