

Synology RX1211/RX1211RP

2U 12-Bay Expansion Unit for Increasing Capacity of the Synology RackStation



Synology RX1211/RX1211RP delivers an effortless solution for volume expansion and data backup for Synology RackStation RS3412xs/RS3412RPxs and RS2212+/RS2212RP+. The RX1211/RX1211RP seamlessly scales up the storage capacity of the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+ by an additional 12 hard drives on-the-fly when connected directly to the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+.

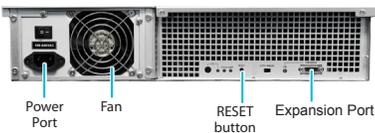
Highlights

- Plug-n-use Minimizes Downtime
- Hot-swappable HDD Design
- HDD Hibernation/Deep Sleep Mode
- Redundant Power Supply Unit (RX1211RP only)
- Managed from Synology DiskStation Manager (DSM)

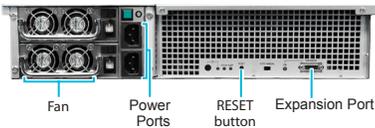
CONNECTIONS & BUTTONS



RX1211:



RX1211RP:



Volume Expansion & Backup

When running out of the hard drive capacity on the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+, the Synology RX1211/ RX1211RP provides an easy way to immediately scale capacity by additional 12 hard drives. The RAID volume on the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+ can be expanded directly without having to reformat the existing hard drives, ensuring the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+ continues its service during the capacity expansion. When created as an independent volume, the Synology RX1211/RX1211RP provides an easy solution for backing up the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+.

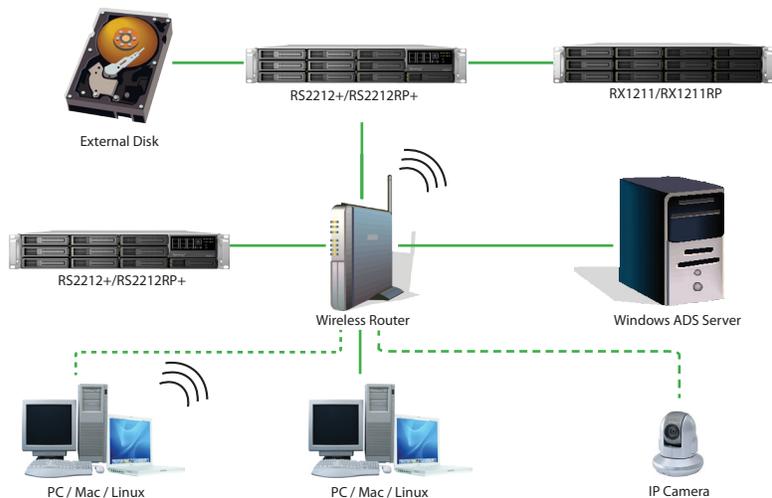
Reliable Plug-n-use Design

The Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+ securely connects to the Synology RX1211/ RX1211RP with an high-bandwidth expansion cable to ensure maximum throughput. It allows the hard drives in the connected Synology RX1211/RX1211RP to operate as they are the internal ones of the Synology RS3412xs/RS3412RPxs and RS2212+/RS2212RP+, with no lag in data retrieval.

Green & Easy to Manage

HDD hibernation or HDD deep sleep mode can be configured to take effect automatically when the system has been inactive for a specified period of time. This not only saves energy but also extends the lifespan of the hard disks. Synology RX1211/RX1211RP is managed with Synology DiskStation Manager, no additional software installation is required.

Networking



SYNOLOGY INC.

Founded in 2000, Synology is a young and energetic company dedicated to developing high-performance, reliable, versatile, and environmentally-friendly Network Attached Storage (NAS) products. Our goal is to deliver user-friendly solutions and solid customer service to satisfy the needs of businesses, home offices, individual users and families.

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Technical Specifications

Hardware

- Internal HDD: 12 X 3.5" SATA or 12 X 2.5" SATA
- Hot-swappable HDD: Yes
- Expansion Interface: 1 X Expansion port
- Size: 88mm X 445mm X 570mm
- Weight:
 - RX1211: 11.9 kg
 - RX1211RP: 14 kg
- Fan: 80mm x 80mm X4
- Noise Level: 40.3 dB(A)
- Power Recovery: Synchronized with the Synology RackStation
 - AC Input Power Voltage: 100V to 240V
 - Power Frequency: 50Hz to 60Hz, Single Phase
 - Operating temperature: 5°C to 35°C (40°F to 95°F)
 - Storage temperature: -10°C to 70°C (15°F to 155°F)
 - Relative Humidity: 5% to 95% RH

Power Consumption¹

- 110 Watts (Access), 37.4 Watts (HDD Hibernation), 9.9 Watts (Deep Sleep)

RAID Management

- Volume Type: Basic, JBOD, RAID 0, RAID 1, RAID 10, RAID 5, RAID 5+Spare, RAID 6
- RAID Migration: from Basic to RAID 1, Basic to RAID 5, Basic to RAID 5+Spare, RAID 1 to RAID 5, RAID 1 to RAID 5+Spare, RAID 5 to RAID 5+Spare, RAID 5 to RAID 6
- Expand RAID 1, RAID 5, RAID 5+Spare or RAID 6 with Larger Hard Drives
- Managed with the Synology DSM

Certification

- FCC: Class A
- CE: Class A

Environment

- RoHS Compliant

Package Content

- RX1211/RX1211RP Main Unit
- User's Guide
- Assembling Kit
- AC Power Cord
 - RX1211: X 1
 - RX1211RP: X 2
- Expansion Cable X1

Warranty

- 3 years

¹. Measured with 12 Western Digital 3TB WD30EZR5 hard drives. The figures could vary on different environments.