

# 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 RS2211+/RS2211RP+. The RX1211/RX1211RP seamlessly scales up the storage capacity of the Synology RS2211+/RS2211RP+ by an additional 12 hard drives on-the-fly when connected directly to the Synology RS2211+/RS2211RP+.**

## Highlights

- Plug-n-use Minimizes Downtime
- Hot-swappable HDD Design
- HDD Hibernation/Deep Sleep Mode
- Managed from Synology DiskStation Manager 3.1

## Volume Expansion & Backup

When running out of the hard drive capacity on the Synology RS2211+/RS2211RP+, the Synology RX1211/RX1211RP provides an easy way to immediately scale capacity by additional 12 hard drives. The RAID volume on the Synology RS2211+/RS2211RP+ can be expanded directly without having to reformat the existing hard drives, ensuring the Synology RS2211+/RS2211RP+ 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 RS2211+/RS2211RP+.

## Reliable Plug-n-use Design

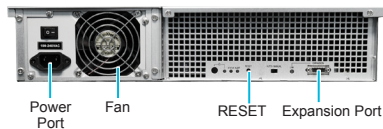
The Synology RS2211+/RS2211RP+ securely connects to the Synology RX1211/RX1211RP with an InfiniBand cable, offering high-bandwidth connectivity to further ensure efficiency. It allows the hard drives in the connected Synology RX1211/RX1211RP to operate as they are the internal ones of the Synology RS2211+/RS2211RP+, 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 3.1, no additional software installation is required.

## CONNECTIONS & BUTTONS



## 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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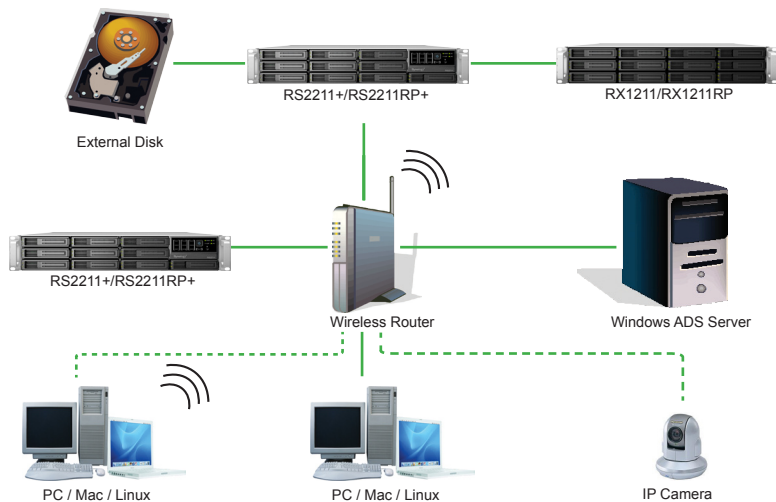
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## Networking



## 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: 88 mm X 445 mm X 570 mm
- Weight:
  - RX1211: 11.9 kg
  - RX1211RP: 14 kg
- Fan: System Fan (80 X 80mm) X 4
- 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
- Max Operating Altitude: 10,000 feet

### Power Consumption

- 110 Watts (Access), 37.4 Watts (HDD Hibernation), 99 Watts (Deep Sleep)<sup>1</sup>

### 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
- Expand RAID 5, RAID 5+Spare or RAID 6 by adding Hard Drives
- Managed with the Synology DSM 3.1

### Environment

- RoHS Compliant

### Package Content

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

### Warranty

- 3 years

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