

# 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

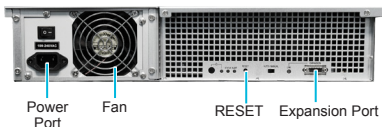
## Volume Expansion & Backup

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.

## CONNECTIONS & BUTTONS

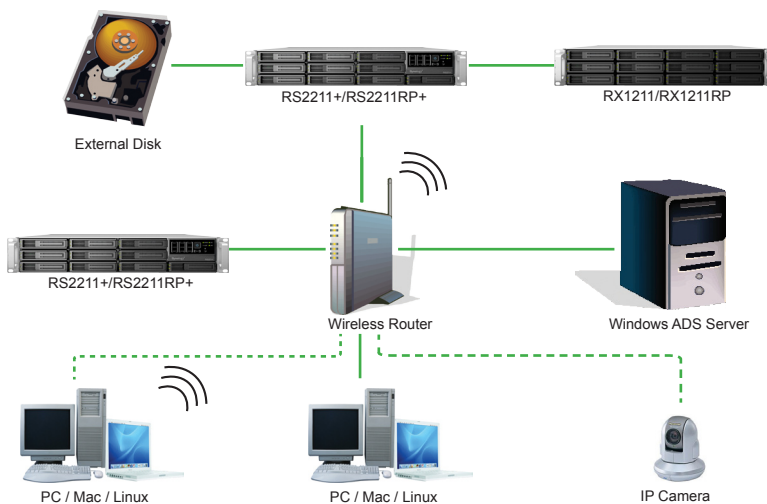


## Green & Easy to Manage

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.

## 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.

Copyright © 2011, Synology Inc. All rights reserved. Synology, the Synology logo are trademarks or registered trademarks of Synology Inc. Other product and company names mentioned herein may be trademarks of their respective companies. Synology may make changes to specification and product descriptions at anytime, without notice.

Printed in Taiwan,  
RX1211/RX1211RP-2011-ENU-REV001

<http://www.synology.com>

### Headquarters

Synology Inc.  
3F-3, No. 106, Chang An W. Rd., Taipei, Taiwan  
Tel: +886 2 2552 1814 Fax: +886 2 2552 1824

### North & South America

Synology America Corp.  
2899 152nd Ave NE, Redmond, WA 98052, USA  
Tel: +1 425 818 1587

### UK

Synology UK Ltd.  
Davy Avenue, Knowlhill,  
Milton Keynes, Bucks,  
MK5 8PB, UK  
Tel: +44 01908 673 709

## 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

- 170.5 Watts (Access), 35.2 Watts (HDD Hibernation)<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
- Expansion Cable X 1

### Warranty

- 3 years

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