Product

RX1223RP

Hardware Specifications

Applied Models

Supports creating volumes across different units	• **SA series:**SA6400 • **23 series:**RS2423RP+, RS2423+
Notes	To have better performance, we recommend creating storage volumes physically located within the same NAS or Expansion Unit, rather than creating volumes across your NAS and Expansion Unit.

Storage

Drive Bays	12
Compatible Drive Type* (See all supported drives)	• 3.5" SATA HDD • 2.5" SATA SSD
Hot Swappable Drive*	v
RAID Management through Synology DSM	v
Notes	• 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. • "Compatible drive type" indicates drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.

External Ports

Expansion Port	1

Appearance

Size (Height x Width x Depth)	88 mm x 430.5 mm x 692 mm

Size (Height x Width x Depth) (with server ears)	88 mm x 482 mm x 724 mm
Weight	13.9 kg
Rack Installation Support*	4-post 19" rack (Synology Rail Kit - RKS-02)
Notes	The rail kit is sold separately

Power

Power Recovery	Synchronized with the Synology RackStation
Power Supply Unit / Adapter	550 W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	93.59 W (Access) 30.73 W (HDD Hibernation)
British Thermal Unit	319.34 BTU/hr (Access) 104.86 BTU/hr (HDD Hibernation)
Redundant Power Supply	v
Notes	For more information on how power consumption is measured, refer to this article.

Temperature

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

Others

System Fan	80 mm x 80 mm x 4 pcs
Easy Replacement System Fan	v
Noise Level*	54.3 dB(A)

Notes	Noise Level Testing Environment: Fully loaded with Synology SAT5200-480G SSD in the idle state. Two G.R.A.S. Type 40AE microphones, each set up 1 meter away from the Synology NAS at the front and rear. Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%

Certification

- UL
- FCC
- CE
- BSMI
- UKCA
- EAC
- VCCI
- RCM
- KC

Warranty

5 Years

Notes	The warranty period starts from the purchase date as stated on your purchase receipt. (Learn more)

Environment & Packaging

Environment

RoHS Compliant

Packaging Content

- Main Unit X 1
- Accessory Pack X 1
- AC Power Cord X 2
- Expansion Cable: MiniSAS-HD X 1
- Quick Installation Guide X 1

Optional Accessories

- 3.5" SATA HDD: HAT5300/HAT3300
- Enterprise Series 2.5" SATA SSD: SAT5200 Series
- Rail Kit Sliding: RKS-02