

Product Specifications

RX418

Synology

Hardware Specifications

Applied Models	
Supports creating volumes across different units	• 22 series:RS822RP+, RS822+ • 21 series:RS1221RP+, RS1221+ • 20 series:RS820RP+, RS820+ • 19 series:RS1219+, RS819 • 18 series:RS818RP+, RS818+ • 16 series:RS816 • 15 series:RS815RP+, RS815+, RS815
Supports creating volumes on a single unit only	RS217
Notes	• For more information on the compatibility of each expansion unit, please refer to this article. • 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. • DSM version requirement: 6.1.4-15217-3 or later version

Storage	
Drive Bays	4
Drive Type (See all supported drives)	• 3.5" SATA HDD • 2.5" 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.

External Ports

eSATA Port

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Appearance

Size (Height × Width × Depth)

44 mm x 430.5 mm x 290 mm

Size (Height x Width x Depth)
(with server ears)

44 mm x 480 mm x 325 mm

Weight

4.28 kg

Rack Installation Support

- 4-post 19" rack (Synology Rail Kit - [RKM114/RKS-02](#))
- 2-post 19" rack (direct mounting)

Notes

The rail kit is sold separately

Power

Power Recovery

Synchronized with the Synology RackStation

Power Supply Unit / Adapter

100 W

AC Input Power Voltage

100V to 240V AC

Power Frequency

50/60 Hz, Single Phase

Power Consumption

23.26 W (Access)
6.39 W (HDD Hibernation)

British Thermal Unit

79.42 BTU/hr (Access)
21.82 BTU/hr (HDD Hibernation)

Notes

Power consumption is measured when it is fully loaded with Western Digital 1TB WD10EFRX hard drive(s).

Temperature

Operating Temperature	5°C to 35°C (40°F to 95°F)
Storage Temperature	-20°C to 60°C (-5°F to 140°F)
Operating Humidity	8% to 80% RH
Storage Humidity	5% to 95% RH

Others

System Fan	40 mm x 40 mm x 3 pcs
Noise Level	25.1 dB(A)
Notes	Noise Level Testing Environment: Fully loaded with Seagate 1TB ST31000520AS hard drive(s) 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

- FCC
- CE
- BSMI
- EAC
- VCCI
- RCM
- KC
- BIS

Warranty

3-year hardware warranty, extendable to 5 years with [EW201](#) or [Extended Warranty Plus](#)

Notes

- Availability varies by region. Before purchasing, please visit the official web pages of [EW201/202](#) and [Extended Warranty Plus](#) for a list of eligible regions.
 - The warranty period starts from the purchase date as stated on your purchase receipt. ([Learn more](#))
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Environment & Packaging

Environment

RoHS Compliant

Packaging Content

- Main Unit × 1
- User's Guide X 1
- Accessory Pack × 1
- AC Power Cord × 1
- Expansion Cable: eSATA X 1

Optional Accessories

- Enterprise Series 3.5" SATA HDD: [HAT5300 Series](#)
- Plus Series 3.5" SATA HDD: [HAT3300 Series](#)
- Enterprise Series 2.5" SATA SSD: [SAT5200 Series](#)
- Rail Kit Sliding: [RKS-02](#)
- Rail Kit Mounted: [RKM114*](#)

Notes

Certain items may not be available in your location. Please contact your local distributors for more information.