Last Apr 24, 2024

Product

RX418

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
Compatible 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	1

Appearance

Size (Height x Width x 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)
Relative 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

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)

Environment & Packaging

Environment

RoHS Compliant

Packaging Content

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

Optional Accessories

- 3.5" SATA HDD: HAT5300/HAT3300
- 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.