

Product Specifications



RX418

Synology

Hardware Specifications

Applied Models	
Supports creating volumes across different units	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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)	<ul style="list-style-type: none">• 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*	<ul style="list-style-type: none"> • 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 X 1
 - User's Guide X 1
 - Accessory Pack X 1
 - AC Power Cord X 1
 - Expansion Cable: eSATA X 1
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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.
