Product

RX6022sas

Hardware Specifications

Applied Models

Supports creating volumes across different units	HD6500
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	60
Compatible Drive Type* (See all supported drives)	3.5" SAS HDD 2.5" SATA SSD
Hot Swappable Drive*	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. - To install 2.5" SATA SSDs, optional 2.5" drive trays (R5) must be purchased separately. Learn more "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	2

Appearance

Size (Height x Width x Depth)	176 mm x 438 mm x 985 mm
Size (Height x Width x Depth) (with server ears)	176 mm x 482 mm x 1020 mm

Weight	33.9 kg
Rack Installation Support*	4-post 19" rack (Synology Rail Kit - RKS-03)

Power

Power Recovery	Synchronized with the Synology RackStation
Power Supply Unit / Adapter	1200 W
AC Input Power Voltage	200V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	811.8 W (Access) 231 W (HDD Hibernation)
British Thermal Unit	2768.24 BTU/hr (Access) 787.71 BTU/hr (HDD Hibernation)
Redundant Power Supply	v
Notes	Power consumption is measured when it is fully loaded with Synology HAS5300-8T hard drive(s).

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*	61.7 dB(A)
Notes	Noise Level Testing Environment: Fully loaded with Synology HAS5300-8T 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

- 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
- Rail kit RKS-03 X 1
- Accessory Pack X 1
- AC Power Cord X 2
- Expansion Cable: Mini-SAS HD X 2
- Quick Installation Guide X 1

Optional Accessories

- Enterprise Series 3.5" SAS HDD: HAS5300 Series
- Enterprise Series 2.5" SATA SSD: SAT5200 Series

Notes	To install 2.5" SATA SSDs, optional 2.5" drive trays (R5) must be purchased separately. Learn more