



# **Expansion Unit RXD1219sas**

## **Hardware Installation Guide**

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# Before You Start

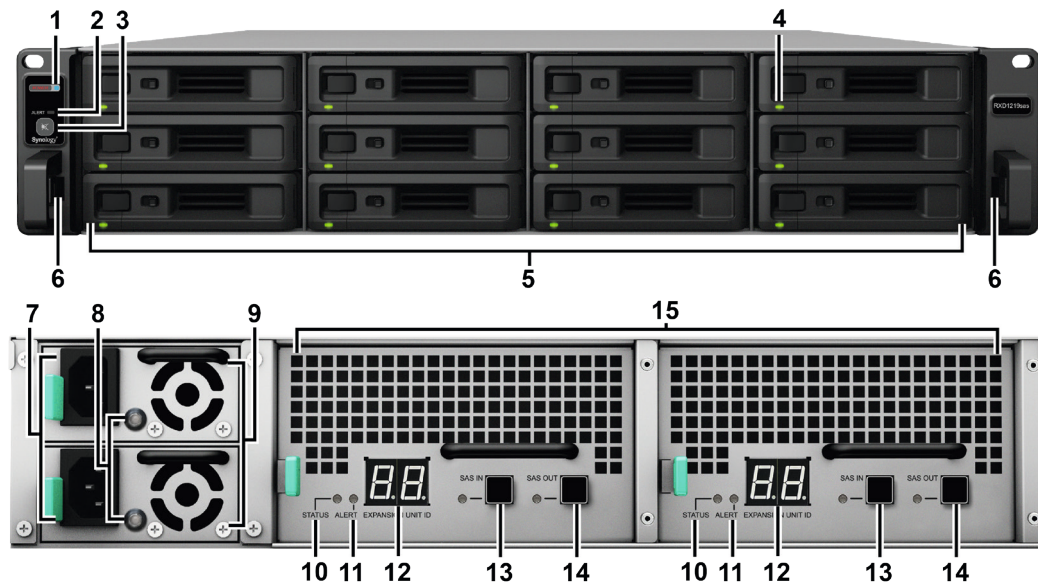
Thank you for purchasing Synology RXD1219sas expansion unit! Before setting up your new expansion unit, please check the package contents to verify that you have received the items below. Also, make sure to read the safety instructions carefully to avoid harming yourself or damaging your Synology product.

**Note:** All images below are for illustrative purposes only, and may differ from the actual product.

## Package Contents

Main unit x 1	AC power cord x 2
	
	<p>Screws for 2.5" drives x 52</p>
	
	<p>Screws for 3.5" drives x 52</p>
	
<p>Expansion cable x 2</p>	
	

## Synology RXD1219sas at a Glance



No.	Article Name	Location	Description
1	Power Indicator	Front	Displays the power status. <sup>1</sup>
2	ALERT Indicator		Displays warnings regarding fan or temperature status. For more information, please see "LED Indicator Table".
3	Beep Off Button		Press to deactivate the beeping sound that is emitted when a malfunction occurs.
4	Drive Status Indicators		Displays the status of drives. For more information, please see "LED Indicator Table".
5	Drive Tray		Install drives (hard disk drives or solid state drives) here.
6	Rail Kit Release Tab		Push in and hold to release the Synology server from the rail kit lock. <sup>2</sup>
7	Power Port	Back	Connect power cords here.
8	PSU Indicator and Beep Off Button		Displays the status of the power supply unit (PSU). Press to deactivate the beeping sound that is emitted when a malfunction occurs. For more information, please see "LED Indicator Table".
9	PSU Fan		Disposes of excess heat and cools the PSU.
10	STATUS Indicator		Displays the status of the system. For more information, please see "LED Indicator Table".
11	ALERT Indicator		Displays warnings regarding fan or temperature. For more information, please see "LED Indicator Table".
12	Expansion Unit ID Indicator		Indicates the ID number of the expansion unit.
13	SAS IN Port and Indicator		Connects to the SAS OUT port of a Synology server or another expansion unit. For more information, please see "Connect with Synology Server".
14	SAS OUT Port and Indicator		Connects to the SAS IN port of another expansion unit. For more information, please see "Connect with Synology Server".
15	SAS Module		Connects to a Synology server or the SAS module of another expansion unit. For more information, please see "Connect with Synology Server".

<sup>1</sup> RXD1219sas automatically powers on when the power cord is plugged into the power source. For more information, please see "Connect with Synology Server".

<sup>2</sup> For more information about the rail kit installation, please refer to the Quick Installation Guide that comes with the rail kit.



## Hardware Specification


Item	RXD1219sas
Compatible Drive Type	3.5"/2.5" SAS x 12
Maximum Raw Capacity	192TB (12 X 16TB HDD)
Expansion Port (per module)	<ul style="list-style-type: none"><li>• SAS IN x 1</li><li>• SAS OUT x 1</li></ul>
Size (H x W x D) (mm)	<ul style="list-style-type: none"><li>• 88 x 430.5 x 692</li><li>• 88 x 482 x 724 (with server ears)</li></ul>
Weight (kg)	18.2
System Fan	4 x (60 x 60 x 51mm)
Agency Certification	<ul style="list-style-type: none"><li>• FCC Class A</li><li>• CE Class A</li><li>• BSMI Class A</li><li>• VCCI Class A</li><li>• RCM</li><li>• EAC</li></ul>
Environment Requirements	<ul style="list-style-type: none"><li>• Line voltage: 100V to 240V AC</li><li>• Frequency: 50 / 60Hz</li><li>• Operating Temperature: 32 to 95°F (0 to 35°C)</li><li>• Storage Temperature: -5 to 140°F (-20 to 60°C)</li><li>• Relative Humidity: 5% to 95% RH</li></ul>

**Note:** Model specifications are subject to change without notice. Please refer to [www.synology.com](http://www.synology.com) for the latest information.





## Optional Accessories

With Synology accessories, you can customize your expansion unit to fit different business environments without worrying about compatibility and stability. Visit [www.synology.com/compatibility](http://www.synology.com/compatibility) for more information.






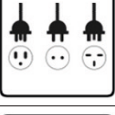
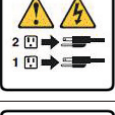

- **Rail Kit**

Model Name	Picture	Description
RKS1317		Sliding rails solutions

- **Spare Part**

Model Name	Picture	Description
Cable MiniSASHD_EXT_1		External MiniSAS HD Cable
Disk Tray (Type R7)	" Drive Tray" data-bbox="404 352 488 380"/>	3.5"/2.5" Drive Tray
FAN 60*60*51_2		System Fan Module
PSU 500W-RP Module_2		Redundant PSU Module
PSU 500W-RP SET_2		Redundant PSU Set (Cage x 1, PSU Module x 2)
RXD19sas Module		RXD1219sas MB Module

## Safety Instructions

	<p>Keep away from direct sunlight and away from chemicals. Make sure the environment does not experience abrupt changes in temperature or humidity.</p>
	<p>Place the product right side up at all times.</p>
	<p>Do not place near any liquids.</p>
	<p>Before cleaning, unplug the power cord. Wipe with damp paper towels. Do not use chemical or aerosol cleaners.</p>
	<p>To prevent the unit from falling over, do not place on carts or any unstable surfaces.</p>
	<p>The power cord must plug in to the correct supply voltage. Make sure that the supplied AC voltage is correct and stable.</p>
	<p>To remove all electrical current from the device, ensure that all power cords are disconnected from the power source.</p>
	<p>Risk of explosion if battery is replaced with an incorrect type. Dispose of used batteries appropriately.</p>

# Hardware Setup

## Tools and Parts for Component Installation

Please prepare the tools and parts below before setting up your expansion unit:

- A Screwdriver
- At least one 3.5" or 2.5" SAS drive (please visit [www.synology.com/compatibility](http://www.synology.com/compatibility) for compatible drive models).

**Warning:** If you install a drive that contains data, the system will format the drive and erase all existing data. Please back up any important data before installation.

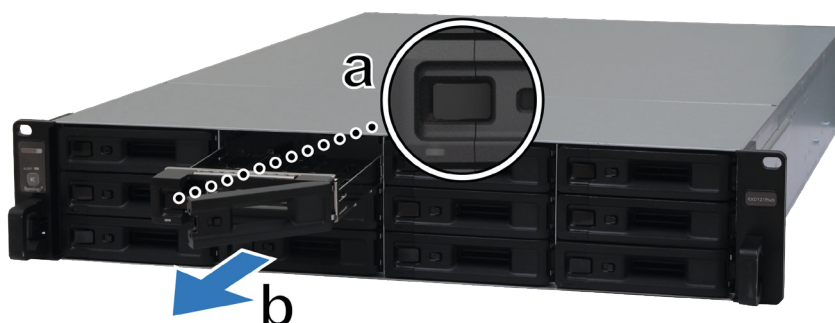
- Rail mounting kit (please see the **Optional Accessories** section to find out the suitable rail kit for cabinet installation)

**Warning:** We suggest mounting your expansion unit on a cabinet before installing any drives since the heavy weight will increase the installation difficulty.

## Install Drives

Please follow below steps for drive installation:

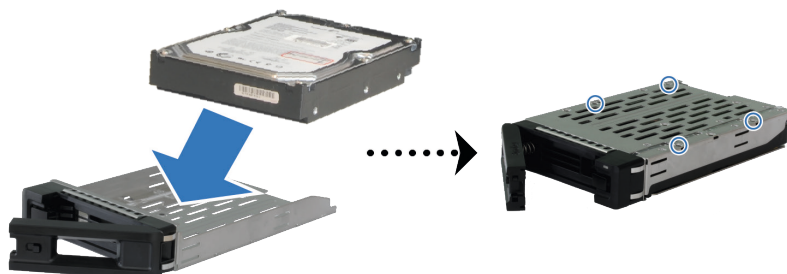
- 1 Open the drive tray.



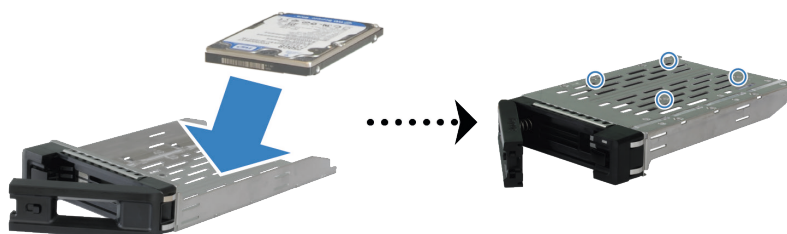
- a Find the small button located on the left side of the drive tray handle. Press the button down, and the drive tray handle will pop out.
- b Pull the drive tray handle out as illustrated above.

- 2 Install drives:

- **For 3.5" drives:** Place the drive in the drive tray. Turn the tray upside down and tighten screws into the four spots indicated below to secure the drive.



- **For 2.5" drives:** Place the drive in the drive tray. Turn the tray upside down and tighten screws into the four spots indicated below to secure the drive.



- 3 Insert the loaded drive tray into the empty drive bay.



**Note:** Make sure the tray is pushed in all the way. Otherwise, the drive might not be able to function properly.

- 4 Push the handle inward to secure the drive tray.
- 5 Push the switch on the drive tray handle to the left to lock the drive tray.



- 6 Repeat the steps above to assemble the other drives you have prepared.
- 7 Drives are numbered as shown below.



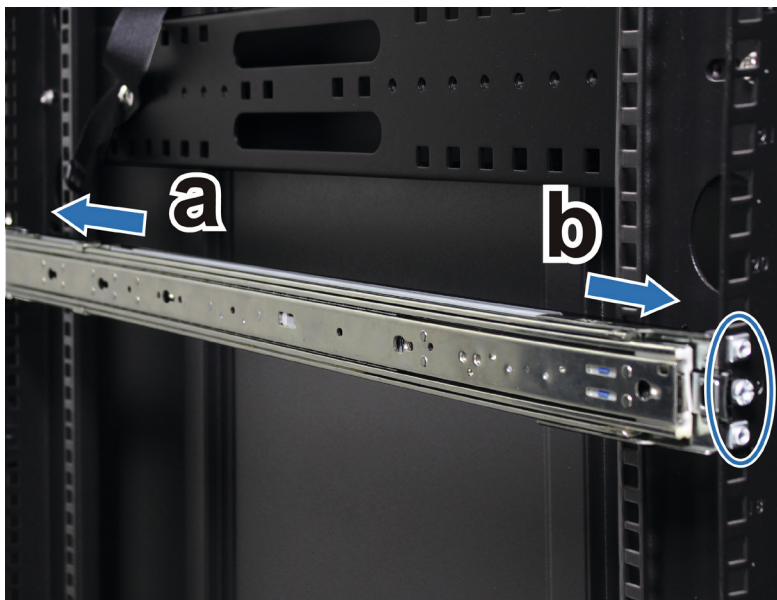
**Note:** We suggest installing drives of the same size to optimize drive capacity usage when creating RAID volumes.

## Install and Remove Rail Kits

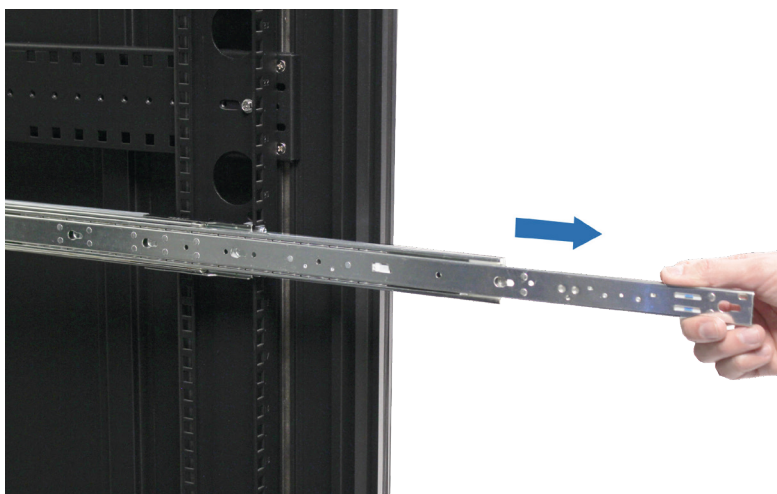
Here we use RKS1317 as an example to illustrate how to install or remove the rail kits. For more information about the rail kit installation, please refer to the Quick Installation Guide that comes with the rail kit.

### To install the rail kit:

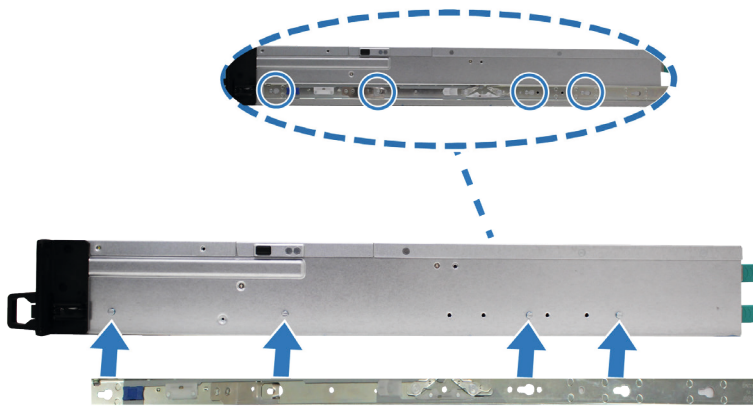
- 1 To install the rail kit to the rack
  - a Attach the rear end of the rail kit assembly to the rack.
  - b Slide the front latch outwards and insert the brackets into the rack holes.



- 2 Extend and pull out the inner rail from the assembly.



3 Align the fixing holes of the inner rail to the side of the chassis and slide backward to attach the inner rail.



4 With the help of another person, carefully align the inner rail to the outer rail assembly.



5 Push the chassis towards the rack. Use the cage nuts and screws in the rail kit package to secure the chassis to the rack if necessary.





**To remove the rail kit:**

- 1 To remove the chassis from the rack, hold the rail kit release tabs on the ear holders and pull out the chassis from the rack.

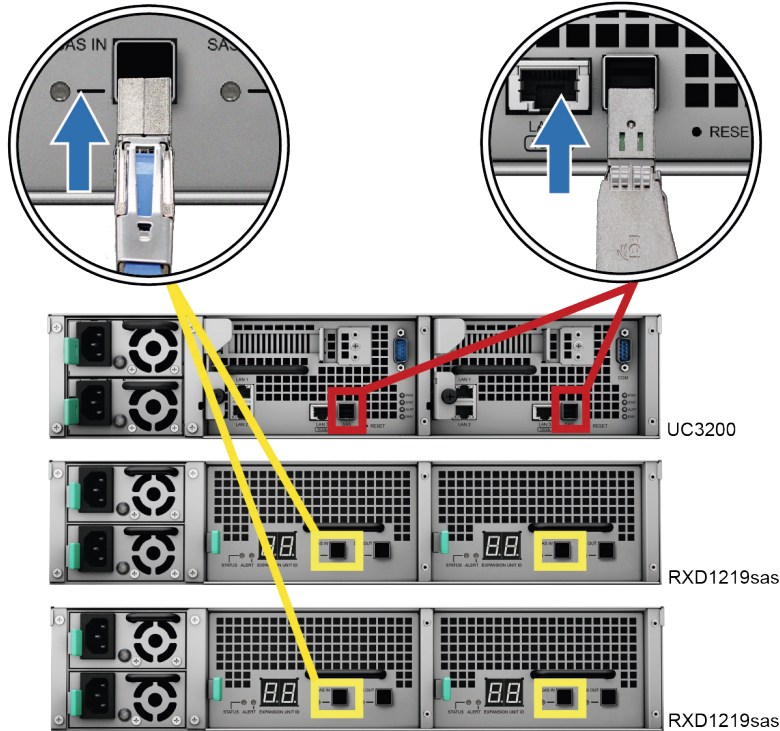


- 2 With the help of another person, carefully remove the chassis from the rack. Then, slide forwards to remove the inner rail from the chassis.

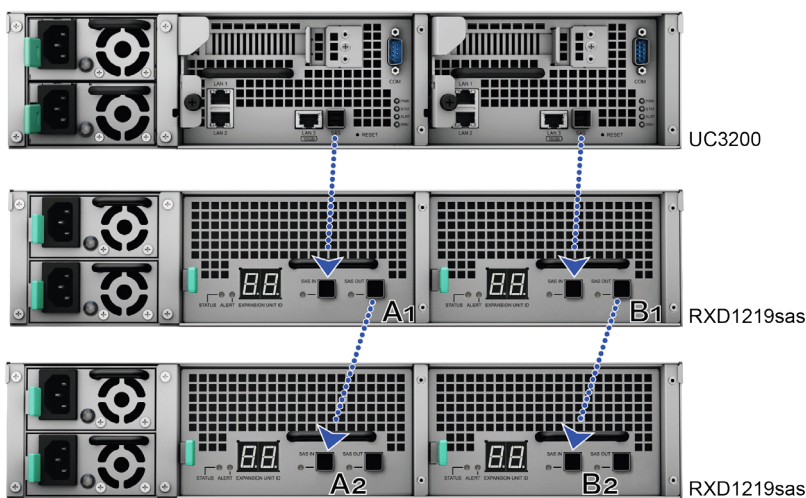


## Connect with Synology Server

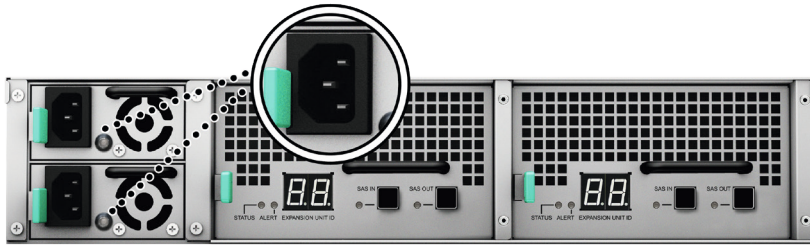
- 1 Connect one end of mini-SAS HD cable to the SAS port of your Synology server and the other to the SAS IN port of RXD1219sas. Please make sure that the release band (in blue) of the cable faces rightward when plugging into the Synology server, and that of the cable faces upward when plugging into RXD1219sas; otherwise, your Synology server and expansion unit will not be correctly connected.



- 2 Connect one end of mini-SAS HD cable to the SAS OUT port on SAS module A of an expansion unit (e.g., module A1), and the other end to the SAS IN port on SAS module A of the next expansion unit (e.g., module A2).
- 3 Connect one end of mini-SAS HD cable to the SAS OUT port on SAS module B of an expansion unit (e.g., module B1), and the other end to the SAS IN port on SAS module B of the next expansion unit (e.g., module B2).



- 4 Connect one end of the power cord(s) to the power port of RXD1219sas, and the other to the power outlet(s). RXD1219sas will automatically power on once the power cords are correctly connected.

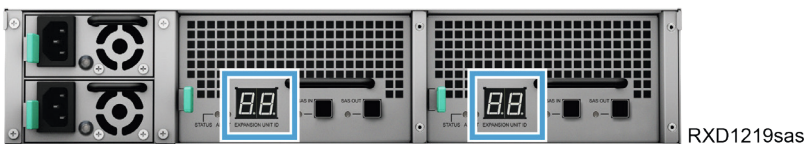
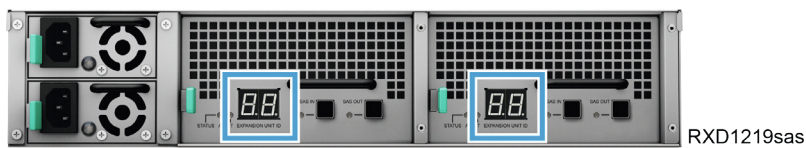


**Note:**

1. Your RXD1219sas comes equipped with a redundant power supply system, allowing two power cords to be connected. The system may be powered on with only one power cord, but we recommend using two power cords to avoid unexpected power failures.
2. After you have unplugged the power cord, please make sure all the indicator is off before plugging the power cord back in again; otherwise, the system may fail to boot.

**Important:** Do not remove the expansion cable while the host device is still powered on. Doing so may result in data loss.

- 5 Press the power button on the front panel to power on your Synology server. The expansion unit ID of RXD1219sas connected to Synology server will be displayed in sequence on the back panel.



## LED Indicator Table

LED Indicator	Color	Status	Description
Power	Blue	Static	Powered on
	Off		Powered off
Front ALERT	Orange	Blinking	Fan failure / Over temperature
	Off		System normal
Rear ALERT	Orange	Blinking	Fan failure / Over temperature
	Off		System normal
Rear STATUS	Green	Blinking	Powered on
	Off		Powered off
Drive Status Indicator (on tray)	Green	Static	Drive ready and idle
		Blinking	Accessing drive
	Red	Static	Drive error / Port disabled <sup>1</sup>
	Off		No internal drive
PSU Indicator	Green	Static	Power supply unit normal
	Off		Power supply unit off
SAS IN / OUT	Green	Static	Synology server / expansion unit connected
	Off		Synology server / expansion unit disconnected

**Note:** Model specifications are subject to change without notice. Please refer to [www.synology.com](http://www.synology.com) for the latest information.

<sup>1</sup> Please try to restart your Synology server or re-insert the drive(s), and then run the HDD/SSD manufacturer's diagnostic tool to check the health status of the drive(s). If you can log into DSM, please run the built-in S.M.A.R.T. test to scan the drive(s). If the problem remains unresolved, please contact Synology Technical Support for help.

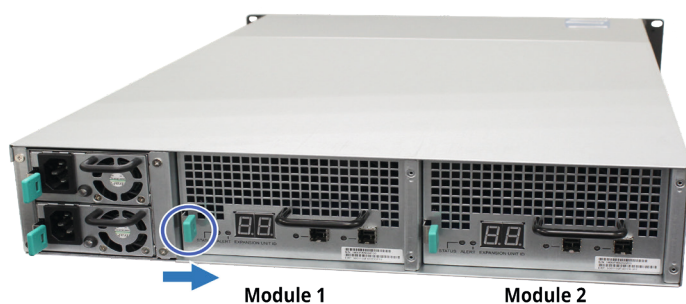
# System Maintenance

## Replace SAS Module

If a SAS module malfunctions, please see the instructions below to pull out the SAS module and replace the malfunctioning module.

### To replace the malfunctioning SAS module:

- 1 Unplug the expansion cables from the SAS module on which the malfunctioning module is to be replaced.
- 2 Push the lever of the SAS module at the back panel in the indicated direction. The modules are numbered as shown below.



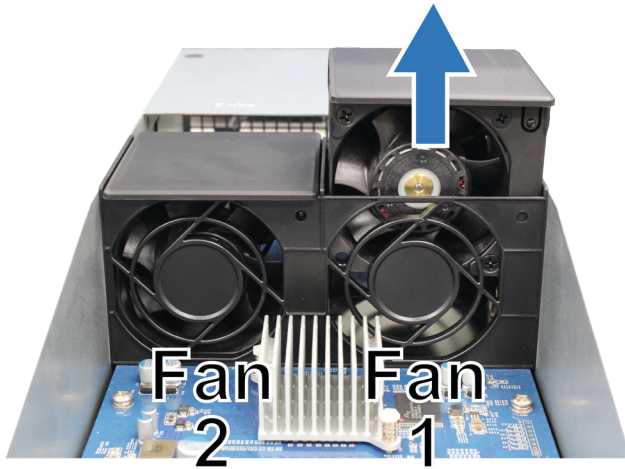
- 3 Pull out the SAS module from the expansion unit.



- 4 Prepare a new SAS module, and push it back to the slot until you hear a click.

**To replace the SAS module's malfunctioning fan:**

**1** Remove the malfunctioning fan by pulling it up from the module. The fans are numbered as shown below.



**2** Prepare a new fan, align the arrow to point at the back panel as illustrated below, and insert it back into the fan slot.



**3** Push the module back to the expansion unit until you hear a click.

## Replace Power Supply Unit (PSU)

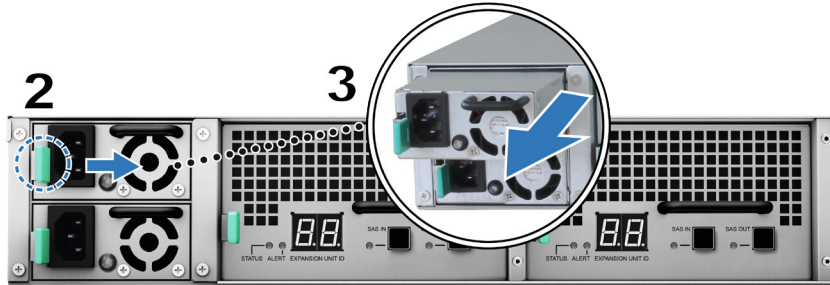
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If a PSU or its fan malfunctions, please see the instructions below to replace the malfunctioning PSU.

- 1 Unplug the power cord from the PSU to be replaced.

**Note:** By pressing the **Beep Off** button, you can silence the long beeping sound when you hear it.

- 2 Push the lever of the PSU at the back panel in the indicated direction.
- 3 Pull out the PSU from your RXD1219sas.



- 4 Prepare a new PSU, and push it back to the slot until you hear a click.

## Initial Troubleshooting Guide

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We have selected several helpful articles on frequently asked questions to help you do initial troubleshooting on your Synology server:

- General
  - [What can I do to troubleshoot NAS connection problems?](#)
  - [What is the width of my Synology NAS server?](#)
- Hard Disk Drive
  - [How to choose the right HDD for my Synology NAS](#)
  - [How to diagnose drives' health status when receiving bad sector warning](#)
  - [How to fix hard drive failure and retrieve the data from your hard drives](#)
- Memory
  - [Are there any requirements for installing or expanding system memory capacity?](#)
  - [How can I run a memory test on my Synology NAS?](#)
  - [Why is there a startup delay after a memory upgrade?](#)
- LED
  - [How do I recognize a hibernating Synology NAS via the LED indicators?](#)
  - [What can I do if the STATUS LED keeps flashing in orange?](#)
  - [Why am I unable to install my Synology NAS and why is the Power LED indicator flashing constantly?](#)
  - [Why are the LED indicators on the LAN ports of my Synology NAS not working?](#)
- Fan
  - [What type of fan speed modes are available on my Synology NAS?](#)



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Section 19. Attorneys' Fees. In any arbitration, mediation, or other legal action or proceeding to enforce rights or remedies under this EULA, the prevailing party will be entitled to recover, in addition to any other relief to which it may be entitled, costs and reasonable attorneys' fees.

Section 20. Severability. If any provision of this EULA is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the remainder of this EULA will remain in full force and effect.

Section 21. Entire Agreement. This EULA sets forth the entire agreement of Synology and you with respect to the Software and the subject matter hereof and supersedes all prior and contemporaneous understandings and agreements whether written or oral. No amendment, modification or waiver of any of the provisions of this EULA will be valid unless set forth in a written instrument signed by the party to be bound thereby.



## SYNOLOGY, INC. LIMITED PRODUCT WARRANTY

THIS LIMITED WARRANTY ("WARRANTY") APPLIES TO THE PRODUCTS (AS DEFINED BELOW) OF SYNOLOGY, INC. AND ITS AFFILIATES, INCLUDING SYNOLOGY AMERICA CORP, (COLLECTIVELY, "SYNOLOGY"). YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS WARRANTY BY OPENING THE PACKAGE CONTAINING AND/OR USING THE PRODUCT. PLEASE BE ADVISED THAT THIS LIMITED WARRANTY DOES NOT APPLY TO THE SOFTWARE CONTAINED IN THE PRODUCTS WHICH SHALL BE SUBJECT TO ITS END USER LICENSE AGREEMENT, AND THAT SYNOLOGY RESERVES THE RIGHT TO MAKE ADJUSTMENTS AND/OR MODIFICATION TO THIS PRODUCT WARRANTY FROM TIME TO TIME WITHOUT PROVIDING PRIOR NOTICE TO YOU. IF YOU DO NOT AGREE TO THE TERMS OF THIS WARRANTY, DO NOT USE THE PRODUCT. INSTEAD, YOU MAY RETURN THE PRODUCT TO THE RESELLER WHERE YOU PURCHASED IT FOR A REFUND IN ACCORDANCE WITH THE RESELLER'S APPLICABLE RETURN POLICY. PLEASE NOTE THAT SYNOLOGY'S WARRANTY SUPPORTS ARE NOT AVAILABLE IN EVERY COUNTRY, AND THAT SYNOLOGY MAY REFUSE TO PROVIDE THIS LIMITED WARRANTY SUPPORTS TO YOU IF YOU REQUEST SUCH SUPPORTS NOT AT THE COUNTRY AT WHICH THE PRODUCT WAS ORIGINALLY PURCHASED. THE COUNTRY AT WHICH THE PRODUCT WAS ORIGINALLY PURCHASED SHALL BE DETERMINED BASED ON THE SYNOLOGY'S INTERNAL RECORDS.

### Section 1. Products

(a) "Products" refer to New Products or Refurbished Products. (b) "New Product" means the Synology-branded hardware product and Synology-branded accessories contained in the original packaging Customer bought from an authorized Synology distributor or reseller. You may see our "New Product" at <https://www.synology.com/products/status>. (c) "Refurbished Product" means all Synology products which have been refurbished by Synology's affiliate or an authorized Synology distributor or reseller, not including those sold as "as is" or with "no warranty" by anyone. (d) Other definition: "Customer" means the original person or entity purchasing the Product from Synology or an authorized Synology distributor or reseller; "Online Store" means an online shop operated by Synology or Synology's affiliate; "Software" means the Synology proprietary software that accompanies the Product when purchased by Customer, is downloaded by Customer from the Web Site, or is pre-installed on the Product by Synology, and includes any firmware, associated media, images, animations, video, audio, text and applets incorporated into the software or Product and any updates or upgrades to such software.

### Section 2. Warranty Period

(a) "Warranty Period": The warranty period commences on the purchase date is shown on the purchase receipt or invoice to be presented by Customer and ending at the day after the end of the Warranty Period for each New Product. You may see the Warranty Period for each New Product at <https://www.synology.com/products/status>. For the Refurbished Product or repaired parts, it's the remainder of the warranty period of the product they are replacing, or ninety (90) days from the date the product was replaced or repaired, whichever is longer; except for those sold as "as is" or with "no warranty" by any stores. Without presenting such purchase receipt or invoice, the warranty period shall commence on the date of manufacture based on our internal record. (b) "Extended Warranty Period": For Customer purchasing EW201/ EW202 optional service for applicable Products specified in Section 1 (b), the Warranty Period specified in Section 2 (a) of the applicable Product registered with EW201/EW202 optional service will be extended by two years. You may see the applied model at [https://www.synology.com/products/Extended\\_Warranty](https://www.synology.com/products/Extended_Warranty).

### Section 3. Limited Warranty and Remedies

**3.1 Limited Warranty.** Subject to Section 3.2, Synology warrants to the Customer that each Product (a) will be free of material defects in workmanship and (b) under normal use will perform substantially in accordance with Synology's published specifications for the Product during the Warranty Period. Such limited warranty does not apply to the Software contained in the product or purchased by Customer which shall be subject to the accompanying end user license agreement provided with the Product. Synology provides no warranty to Refurbished Product sold as "as is" or with "no warranty". This Limited Warranty is NOT transferable and applies only to the customers who directly purchase products from Synology's affiliate, the resellers, and distributor that Synology authorized. The warranty set forth in Section 3 will terminate upon Customer's sale or transfer of the Product to a third party.

**3.2 Exclusions.** The foregoing warranties and warranty obligations do not apply to any Product that (a) has been installed or used in a manner not specified or described in the Product or its related documents (b) has been damaged by service (including upgrades and expansions) performed by anyone who is not a representative of Synology or any Synology Authorized Service Provider; (c) has been in any way misused, abused, or damaged; (d) has been used with items not provided by Synology other than the hardware or software for which the Product is designed; or (e) otherwise fails to conform to the Product specifications and such failure is attributable to causes not within or under Synology's control. (f) has been tie-in any non-Synology branded hardware products or any software, even if packaged or sold with Synology hardware. (g) Customer disassembles the Product except as authorized by Synology; (h) Customer fails to implement any correction, modification, enhancement, improvement or other update made available to Customer by Synology; or (i) Customer implements, installs or uses any correction, modification, enhancement, improvement or other update made available by any third party. (j) Any compatibility issues occurred when installing hardware products, software, or components not supported by Synology. (k) product damage caused by accident, fire, liquid contact, earthquake or other external cause. (l) cosmetic damage caused by normal wear and tear or otherwise due to the normal aging of the Product, including but not limited to scratches, dents and broken plastic on ports unless failure has occurred due to a defect in materials or workmanship; (m) serial number has been removed or defaced from Product, resulting in not able to identify.

**3.3 Warranty Support and Exclusive Remedy.** If Customer gives notice of noncompliance with any of the warranties set forth in Section 3.1 within the applicable Warranty Period in the manner set forth below, then, upon verification of the noncompliance by Synology, Synology will, at Synology's option: (a) use commercially reasonable efforts to repair the Product, (b) provide technical support, or (c) replace the noncomplying Product or part thereof upon return of the complete Product in accordance with Section 3.4. The foregoing sets forth Synology's entire liability and Customer's sole and exclusive remedy for any breach of warranty under Section 3.1 or any other defect or deficiency in the Product. Customer will reasonably assist Synology to diagnose and validate any nonconformity with the Product.

**3.4 Return.** Any Product return by Customer under Section 3.3 must be made in accordance with Synology's then-current return procedures with the purchase receipt or invoice. You may see more information about return procedure at [https://www.synology.com/knowledgebase/DSM/tutorial/Service\\_Application/How\\_to\\_make\\_warranty\\_claim\\_for\\_Synology\\_NAS](https://www.synology.com/knowledgebase/DSM/tutorial/Service_Application/How_to_make_warranty_claim_for_Synology_NAS), for warranty claims, Customer must return the complete Product to Synology in accordance with this Section 3.4. Any Product returned that has been disassembled (except under the direction of Synology) will be refused and returned to Customer at Customer's expense. Any Product must be returned in the same condition as it was received from Synology to the address designated by Synology, freight pre-paid, in packaging sufficient to protect the contents thereof. Customer is responsible for insurance and risk of loss with respect to returned items until they are properly received by Synology.

**3.5 Replacement by Synology.** If Synology elects to replace any Product under this Warranty set forth in Section 3.1, then Synology will ship a replacement Product at Synology's expense via the shipping method selected by Synology after receipt of the nonconforming Product returned in accordance with Section 3.4 and validation by Synology that the Product does not conform to the warranty. In some countries, Synology may at its own discretion apply the Synology Replacement Service to certain Products, through which Synology will ship a replacement Product to Customer before its receipt of the nonconforming Product returned by Customer ("Synology Replacement Service").

**3.6 Disclaimer of Warranties.** THE WARRANTIES, OBLIGATIONS, AND LIABILITIES OF SYNOLOGY AND THE REMEDIES OF CUSTOMER SET FORTH IN THIS WARRANTY ARE EXCLUSIVE AND IN SUBSTITUTION FOR, AND CUSTOMER HEREBY WAIVES, RELEASES AND DISCLAIMS, ALL OTHER WARRANTIES, OBLIGATIONS AND LIABILITIES OF SYNOLOGY AND ALL OTHER RIGHTS, CLAIMS AND REMEDIES OF CUSTOMER AGAINST SYNOLOGY, EXPRESS OR IMPLIED, ARISING BY LAW OR OTHERWISE, WITH RESPECT TO THE PRODUCT, ACCOMPANYING DOCUMENTATION OR SOFTWARE AND ANY OTHER GOODS OR SERVICES DELIVERED UNDER THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO ANY: (A) IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE; (B) IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE; (C) CLAIM OF INFRINGEMENT OR MISAPPROPRIATION; OR (D) CLAIM IN TORT (WHETHER BASED ON NEGLIGENCE, STRICT LIABILITY, PRODUCT LIABILITY OR OTHER THEORY). SYNOLOGY MAKES NO GUARANTEE AND SPECIFICALLY DISCLAIMS ANY WARRANTY THAT THE DATA OR INFORMATION STORED ON ANY SYNOLOGY PRODUCT WILL BE SECURE AND WITHOUT RISK OF DATA LOSS. SYNOLOGY RECOMMENDS THAT CUSTOMER TAKES APPROPRIATE MEASURES TO BACK UP THE DATA STORED ON THE PRODUCT. SOME STATES/JURISDICTIONS DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES, SO THE ABOVE LIMITATION MAY NOT APPLY TO CUSTOMER.

#### Section 4. Limitations of Liability

**4.1 Force Majeure.** Synology will not be liable for, or be considered to be in breach of or default under this Warranty on account of, any delay or failure to perform as required by this Warranty as a result of any cause or condition beyond its reasonable control (including, without limitation, any act or failure to act by Customer).

**4.2 Disclaimer of Certain Damages.** IN NO EVENT WILL SYNOLOGY OR ITS SUPPLIERS BE LIABLE FOR THE COST OF COVER OR FOR ANY INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL OR SIMILAR DAMAGES OR LIABILITIES WHATSOEVER (INCLUDING, BUT NOT LIMITED TO LOSS OF DATA, INFORMATION, REVENUE, PROFIT OR BUSINESS) ARISING OUT OF OR RELATING TO THE USE OR INABILITY TO USE THE PRODUCT, ANY ACCOMPANYING DOCUMENTATION OR SOFTWARE AND ANY OTHER GOODS OR SERVICES PROVIDED UNDER THIS WARRANTY, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHER THEORY EVEN IF SYNOLOGY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

**4.3 Limitation of Liability.** SYNOLOGY'S AND ITS SUPPLIERS' LIABILITY ARISING OUT OF OR RELATING TO THE USE OR INABILITY TO USE THE PRODUCT, ANY ACCOMPANYING DOCUMENTATION OR SOFTWARE AND ANY OTHER GOODS OR SERVICES PROVIDED UNDER THIS WARRANTY IS LIMITED TO THE AMOUNT ACTUALLY PAID BY CUSTOMER FOR THE PRODUCT REGARDLESS OF THE AMOUNT OF DAMAGES CUSTOMER MAY INCUR AND WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHER THEORY. The foregoing disclaimer of certain damages and limitation of liability will apply to the maximum extent permitted by applicable law. The laws of some states/jurisdictions do not allow exclusion or limitation of certain damages. To the extent that those laws apply to the Product, the exclusions and limitations set forth above may not apply to Customer.

#### Section 5. Miscellaneous

**5.1 Proprietary Rights.** The Product and any accompanying Software and documentation provided with the Product include proprietary and intellectual property rights of Synology and its third party suppliers and licensors. Synology retains and reserves all right, title, and interest in the intellectual property rights of the Product, and no title to or ownership of any intellectual property rights in or to the Product, any accompanying Software or documentation and any other goods provided under this Warranty is transferred to Customer under this Warranty. Customer will (a) comply with the terms and conditions of

the Synology end user license agreement accompanying any Software furnished by Synology or an authorized Synology distributor or reseller; and (b) not attempt to reverse engineer any Product or component thereof or accompanying Software or otherwise misappropriate, circumvent or violate any of Synology's intellectual property rights.

**5.2 Assignment.** Customer will not assign any of its rights under this Warranty directly, by operation of law or otherwise, without the prior written consent of Synology.

**5.3 No Additional Terms.** Except as expressly permitted by this Warranty, neither party will be bound by, and each party specifically objects to, any term, condition or other provision that conflicts with the provisions of this Warranty that is made by the other party in any purchase order, receipt, acceptance, confirmation, correspondence or otherwise, unless each party specifically agrees to such provision in writing. Further, if this Warranty conflicts with any terms or conditions of any other agreement entered into by the parties with respect to the Product, this Warranty will prevail unless the other agreement specifically references the sections of this Warranty that it supersedes.

**5.4 Applicable Law.** Unless explicitly prohibited by local law, this Warranty is governed by the laws of the State of Washington, U.S.A. for the Customers residing within the United States; and by the laws of the Republic of China (Taiwan) for Customers not residing within the United States, without regard to any conflict of law principles to the contrary. The 1980 U.N. Convention on Contracts for the International Sale of Goods or any successor thereto does not apply.

**5.5 Dispute Resolution.** Any dispute, controversy or claim arising out of or relating to this Warranty, the Product or services provided by Synology with respect to the Product or the relationship between Customers residing within the United States and Synology will be resolved exclusively and finally by arbitration under the current commercial rules of the American Arbitration Association, except as otherwise provided below. The arbitration will be conducted before a single arbitrator, and will be limited solely to the dispute between Customer and Synology. The arbitration, or any portion of it, will not be consolidated with any other arbitration and will not be conducted on a class-wide or class action basis. The arbitration shall be held in King County, Washington, U.S.A. by submission of documents, by telephone, online or in person as determined by the arbitrator at the request of the parties. The prevailing party in any arbitration or legal action occurring within the United States or otherwise shall receive all costs and reasonable attorneys' fees, including any arbitration fee paid by the prevailing party. Any decision rendered in such arbitration proceedings will be final and binding on the parties, and judgment may be entered thereon in any court of competent jurisdiction. Customer understands that, in the absence of this provision, Customer would have had a right to litigate any such dispute, controversy or claim in a court, including the right to litigate claims on a class-wide or class-action basis, and Customer expressly and knowingly waives those rights and agrees to resolve any disputes through binding arbitration in accordance with the provisions of this Section 5.5. For Customers not residing within the United States, any dispute, controversy or claim described in this section shall be finally resolved by arbitration conducted by three neutral arbitrators in accordance with the procedures of the R.O.C. Arbitration Law and related enforcement rules. The arbitration shall take place in Taipei, Taiwan, R.O.C., and the arbitration proceedings shall be conducted in English or, if both parties so agree, in Mandarin Chinese. The arbitration award shall be final and binding on the parties and may be enforced in any court having jurisdiction. Nothing in this Section shall be deemed to prohibit or restrict Synology from seeking injunctive relief or seeking such other rights and remedies as it may have at law or equity for any actual or threatened breach of any provision of this Warranty relating to Synology's intellectual property rights.

**5.6 Attorneys' Fees.** In any arbitration, mediation, or other legal action or proceeding to enforce rights or remedies under this Warranty, the prevailing party will be entitled to recover, in addition to any other relief to which it may be entitled, costs and reasonable attorneys' fees.

**5.7 Export Restrictions.** You acknowledge that the Product may be subject to U.S. export restrictions. You will comply with all applicable laws and regulations that apply to the Product, including without limitation the U.S. Export Administration Regulations.

**5.8 Severability.** If any provision of this Warranty is held by a court of competent jurisdiction to be invalid, illegal, or unenforceable, the remainder of this Warranty will remain in full force and effect.

**5.9 Entire Agreement.** This Warranty constitutes the entire agreement, and supersedes any and all prior agreements, between Synology and Customer related to the subject matter hereof. No amendment, modification or waiver of any of the provisions of this Warranty will be valid unless set forth in a written instrument signed by the party to be bound thereby.

## **FCC Declaration of Conformity**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

この装置は、クラス A 機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

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