Synology®

Synology NAS DS3622xs+

Hardware Installation Guide

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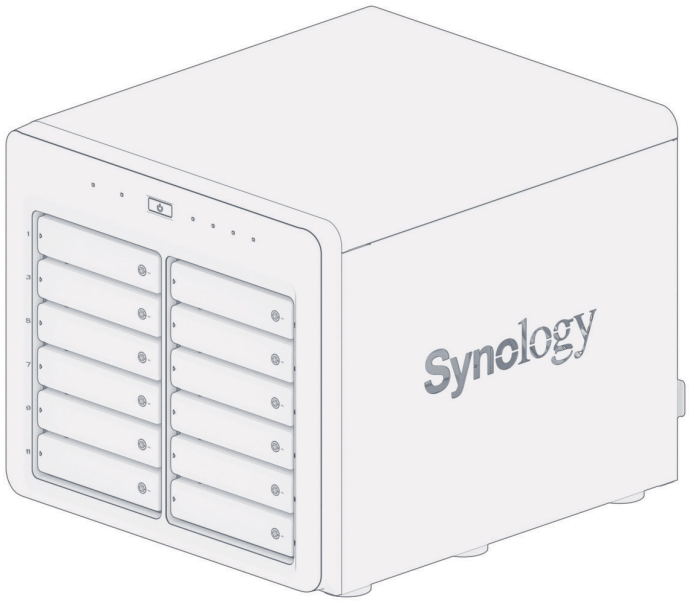
Before You Start

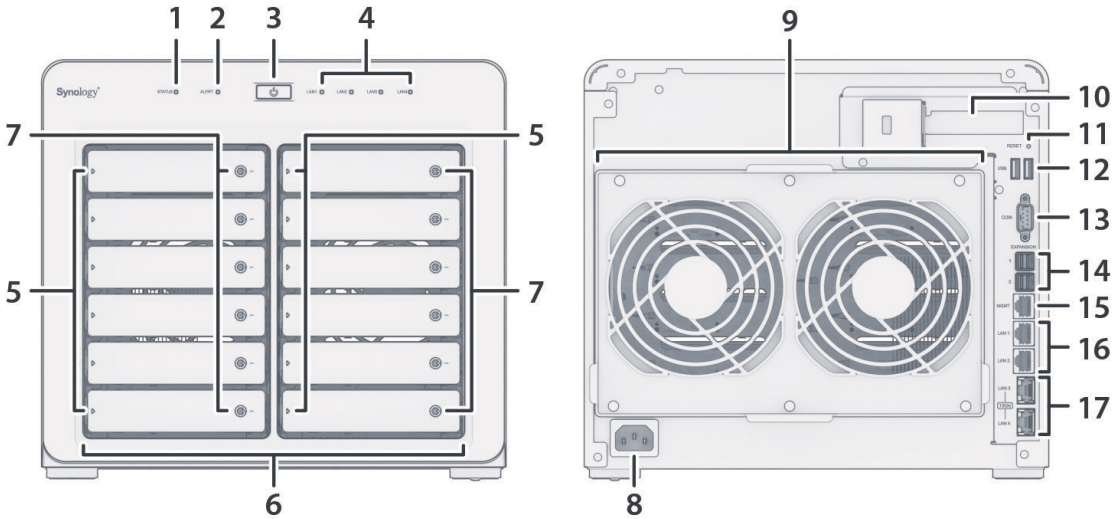
Thank you for purchasing this Synology product! Before setting up your new Synology NAS, please check the package contents to verify that you have received the items below. Also, make sure to read the safety instructions carefully to avoid harming yourself or damaging your Synology NAS.

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 1
	
	RJ-45 LAN cable x 2
	Screws for 2.5" drives x 52
	Hard drive tray key x 2

Synology DS3622xs+ at a Glance



No.	Article Name	Location	Description
1	STATUS Indicator	Front	Displays the status of the system. For more information, see "System Modes and LED Indicators".
2	ALERT Indicator		Displays warnings regarding fan or temperature. For more information, see "Other LED Indicators".
3	Power Button		1. Press to power on your Synology NAS. 2. To power off your Synology NAS, press and hold until you hear a beep sound and the Power LED starts blinking.
4	LAN Indicator		Displays the status of the network connection. For more information, see "Other LED Indicators".
5	DRIVE Status Indicator		Displays the status of each drive. For more information, see "Other LED Indicators".
6	Drive Tray		Install drives (hard disk drives or solid state drives) here.
7	Drive Tray Lock		Lock or unlock drive trays.

No.	Article Name	Location	Description
8	Power Port	Back	Connect power cord here.
9	Fan		Disposes of excess heat and cools the system. If the fan malfunctions, the Synology NAS will emit a beeping sound.
10	PCI Express Expansion Slot		Supports one PCIe x8 slots (x8 link) add-on card.
11	Reset Button		1. Mode 1: Press and hold until you hear a beep sound to restore the IP address, DNS server, and password for the admin account to default. 2. Mode 2: Press and hold until you hear a beep, release the button immediately, then press and hold again until you hear three beeps to return the Synology NAS to "Not Installed" status so that DiskStation Manager (DSM) can be reinstalled. For detailed information on how to reset your Synology NAS, please refer to **this article**.
12	USB 3.2 Gen 1 Port		Connect external drives or other USB devices to the Synology NAS here.
13	Console Port		This port is used for manufacturing only.
14	Expansion Port		Connect Synology Expansion Unit[1] to the Synology NAS here.
15	Management Port		This port is used for out-of-band management only.
16	1GbE RJ-45 Port		Connect RJ-45 network cable here.
17	10GbE RJ-45 Port		Connect RJ-45 network cable here.

[1] For more information about Synology Expansion Unit supported by your Synology NAS, please visit **www.synology.com**.

System Modes and LED Indicators

System Modes and Definitions

There are 7 system modes in Synology NAS. The system modes and their definitions are as below:

System mode	Definition
Powering on	Synology NAS is powering on and performing hardware initialization, such as hardware reset or BIOS initialization.
Shutting down	Synology NAS is shutting down as a result of pressing the power button or operation in DSM.
DSM not ready	DSM is not ready for use. This could either be: • Synology NAS is powered on, but DSM is not properly installed. • Synology NAS is currently powering on and initializing services necessary for DSM to fully function. • The attached UPS device has insufficient power; DSM stops all services to prevent data loss (enters safe mode).
DSM is ready for use	DSM is fully functioning and users can sign in.
Hibernation	Synology NAS has been idle for a while and is now in Hibernation mode.
Application	Certain packages/services (e.g., USB Copy and Find me service) while in operation will control the actions of the LED. After the operation is complete, the LED indicator will return to its normal state.
Powered off	Synology NAS is powered off.

Identify System Modes

You can identify the system mode through the POWER and STATUS LED indicators. Please refer to below table for more details.

System mode	LED Indicator		
	POWER	STATUS	
	Blue	Green	Orange
Powering on	Blinking	Off	Off
Shutting down	Blinking	Static	Off
DSM not ready	Static	Blinking	Off
DSM is ready for use	Static	Static	Off
Hibernation	Static	Off	Off
Application	Static	Switching	
Powered off	Off	Off	Off

Transitions between System Modes

To better understand the transition between system modes, please refer to below examples:

- **Powered on with no DSM installed:**

  Powered off > Powering on > DSM not ready

- **Powered on with DSM installed:**

  Powered off > Powering on > DSM not ready > DSM is ready for use

- **Enter hibernation then wake up from hibernation:**

  DSM is ready for use > Hibernation > DSM is ready for use

- **Shutdown Synology NAS:**

  DSM is ready for use > Shutting down > Powered off

- **Power failure with UPS attached:**

  DSM is ready for use > DSM not ready (due to power failure, DSM enters safe mode) > Shutting down > Powered off > Powering on (power has recovered, DSM will reboot)> DSM not ready > DSM is ready for use

Other LED Indicators

LED Indicator	Color	Status	Description
DRIVE status	Green	Static	Drive ready and idle
		Blinking	Accessing drive
	Orange	Static	Drive error/Port disabled[1]
	Off		No internal Drive
ALERT	Red	Blinking	System error[2]
	Off		System normal
Rear 1GbE LAN (on upper side of jack)	Green	Static	1 Gbps connected
	Orange		100 Mbps connected
	Off		10 Mbps connected/No network
Rear 1GbE LAN (on lower side of jack)	Green	Static	Network connected
		Blinking	Network active
	Off		No network
Rear 10GbE LAN (on upper side of jack)	Green	Static	10 Gbps connected
	Orange		1 Gbps connected
	Off		100 Mbps connected/No network
Rear 10GbE LAN (on lower side of jack)	Green	Static	Network connected
		Blinking	Network active
	Off		No network

Note:

1. Please try to restart your Synology NAS or re-insert the drives, then run the HDD/SSD manufacturer's diagnostic tool to check the health status of the drives. If you can sign in to DSM, please run the built-in S.M.A.R.T. test to scan the drives. If the problem remains unresolved, please contact Synology Technical Support for help.
2. If the **ALERT LED** continuously blinks red, this indicates there are system errors such as fan failure, system overheating, or volume degrade. Please sign in to DSM for detailed information.

Hardware Specification

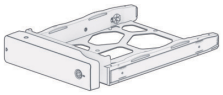
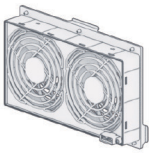
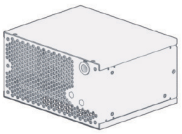
Item	DS3622xs+
Compatible Drive Type	2.5"/3.5" SATA x 12
External Port	• USB 3.2 Gen 1 x 2 • Expansion port x 2
LAN Port	• 1GbE RJ-45 for OOB x 1 • 1GbE RJ-45 x 2 • 10GbE RJ-45 x 2
PCIe Slot	Gen3 x8 slot (x8 link) x 1
Size (H x W x D) (mm)	• 270 x 300 x 340
Weight (kg)	9.8
Supported Client	• Windows 7 onwards • macOS 10.12 onwards
File System	• Internal: Btrfs, ext4 • External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT[1]
Supported RAID Type	• Basic • JBOD • RAID 0 • RAID 1 • RAID 5 • RAID 6 • RAID 10 • Synology RAID F1
Agency Certification	• FCC Class B • CE Class B • UKCA • BSMI Class B • EAC • VCCI • RCM • KC • UL • RoHS Compliant
HDD Hibernation	Yes
Scheduled Power On/Off	Yes
Wake on LAN	Yes
Language Localization	• English • Deutsch • Français • Italiano • Español • Dansk • Norsk • Svensk • Nederlands • Русский • Polski • Magyar • Português do Brasil • Português Europeu • Türkçe • Český • 日本語 • 한국어 • ไทย • 繁體中文 • 简体中文
Environment Requirement	• Line voltage: 100 V to 240 V AC • Frequency: 50/60 Hz • Operating Temperature: 32 to 104˚F (0 to 40˚C) • Storage Temperature: -5 to 140˚F (-20 to 60˚C) • Relative Humidity: 5% to 95% RH

Note: Model specifications are subject to change without notice. Please refer to **www.synology.com** for the latest information.

[1] Support for exFAT can be enabled by purchasing and downloading exFAT Access in Package Center.

Spare Parts

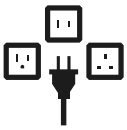
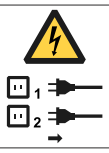
Visit **www.synology.com/products/spare_parts** if you need to replace system fans, disk trays, or power supply units

Model Name	Picture	Description
Disk Tray (Type D6)		3.5"/2.5" Drive Tray With Lock
FAN 120*25_6		System Fan 120*120*25 mm x 2 PCS Installed In Frame
PSU 550W_1		SFX PSU 550W

Optional Accessories

With Synology accessories, you can customize your Synology NAS to fit different business environments without worrying about compatibility and stability. Visit **www.synology.com/compatibility** for more information.

Safety Instructions

	Keep away from direct sunlight and away from chemicals. Ensure a stable environment with no abrupt changes in temperature or humidity.
	Place the unit right side up at all times.
	Keep the unit away from liquids.
	Before cleaning, unplug the power cord. Do not use chemical or aerosol cleaners. Wipe with damp paper towels.
	To prevent the unit from falling over, do not place it on carts or any unstable surfaces.
	The power cord must plug into the correct supply voltage. Ensure the supplied AC voltage is correct and stable.
	Warning, electric shock hazard. To remove all electrical current from the device, ensure that all power cords are disconnected from the power source.
	Risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries appropriately.
	Power cord must be plugged into a socket-outlet with earthing connection.
	Keep body parts away from moving fan.

Hardware Setup

Tools and Parts for Component Installation

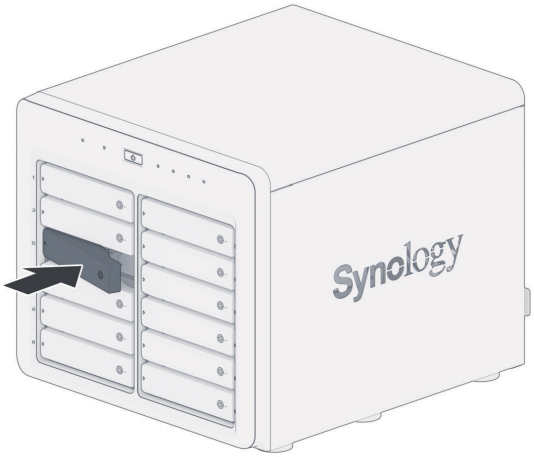
Please prepare below tools and parts before setting up your Synology NAS:

- A screwdriver (only for 2.5" drives)
- At least one 3.5" or 2.5" SATA drive (please visit **www.synology.com/compatibility** for compatible drive models)

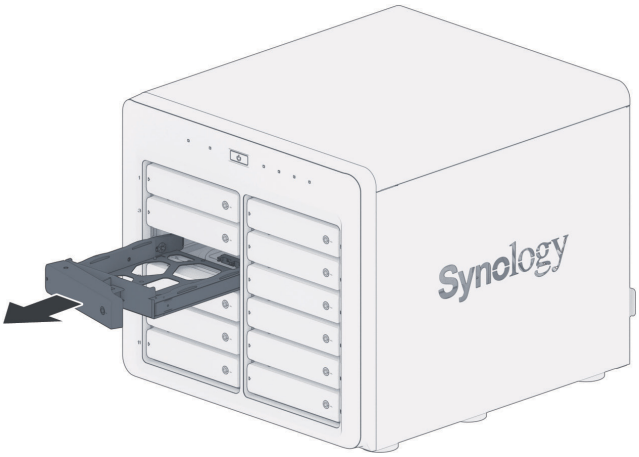
Warning: If you install a drive that contains data, the system will format the drive and erase all existing data. Please back up any important data before installation.

Install Drives

1 Press the right part of the hard drive tray to unlock the handle.

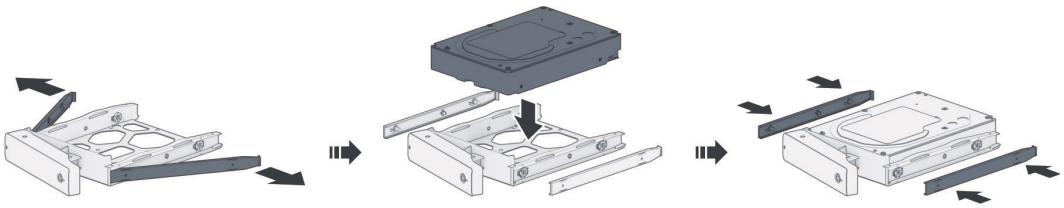


2 Pull out the hard drive tray handle as shown below to remove the hard drive tray.

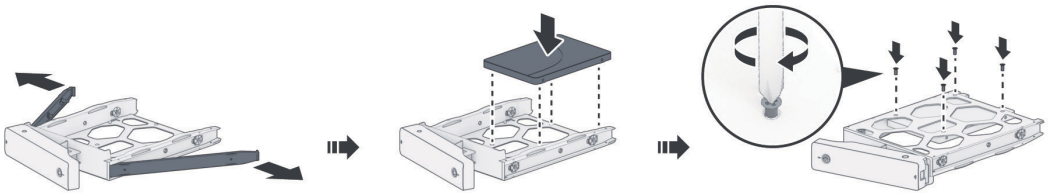


3 Install drives:

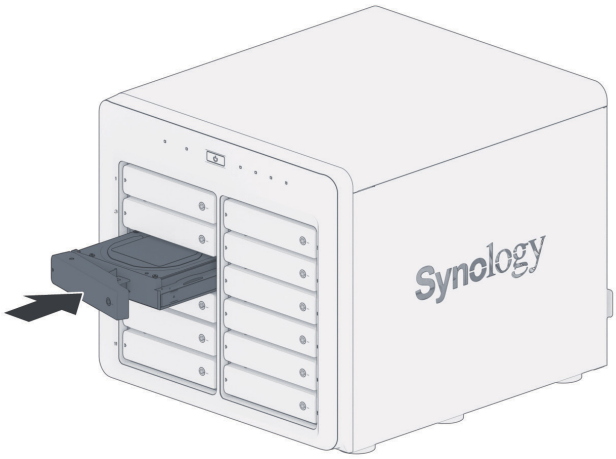
- **For 3.5" drives:** Remove the fastening panels from the sides of the drive tray. Place the drive in the drive tray. Then insert the fastening panels to secure the drive in place.



- **For 2.5" drives:** Remove the fastening panels from the sides of the drive tray and store them in a safe place. Place the drive in the area of the drive tray indicated by a blue rectangle below. Turn the tray upside down and tighten the screws to secure the drive in place.



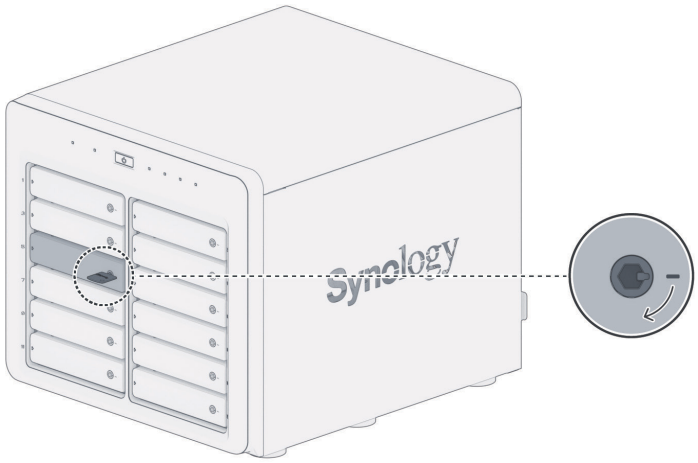
4 Insert the loaded drive tray into the empty drive bay and push it into position.



Note: Make sure that the drive tray is completely inserted. Otherwise, the drive might not function properly.

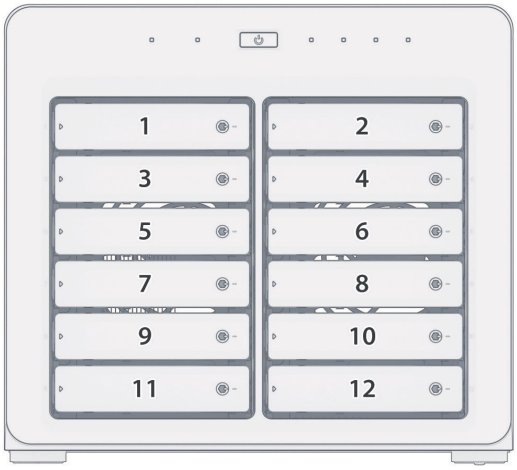
5 Press the handle back into the front panel until you hear a click to secure the hard drive tray in place.

6 Insert the hard drive tray key into the hard drive tray lock, turn the key clockwise (to the "I" position) to lock the hard drive tray handle, and then remove the key..



7 Repeat the steps above to install the other drives you have prepared.

8 Drives are numbered as shown below.



Note: If you plan to create a RAID volume, we recommend installing drives of identical size to make the best use of drive capacity.

Add a Memory Module to Synology NAS

Optional Synology memory modules are designed to expand the memory of your Synology NAS. Follow the steps below to install, check, or remove a memory module on your Synology NAS.

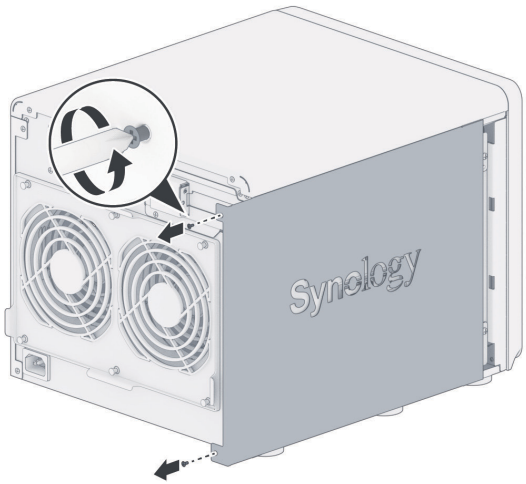
The following table shows the memory configuration for best practice:

Default	A1	B1	Total Memory
16 GB (8 GB + 8 GB)	-	-	16 GB
16 GB (8 GB + 8 GB)	8 GB	-	24 GB
16 GB (8 GB + 8 GB)	8 GB	8 GB	32 GB
16 GB (8 GB + 8 GB)	16 GB	-	32 GB
16 GB (8 GB + 8 GB)	16 GB	16 GB	48 GB

To install the RAM module

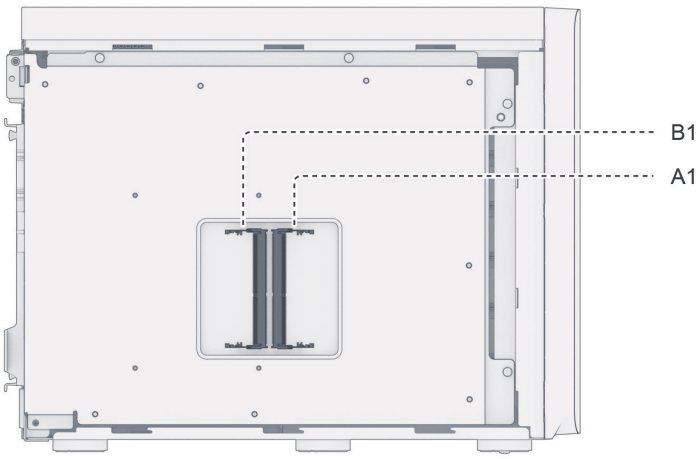
1 Shut down your Synology NAS. Disconnect all cables from your Synology NAS to prevent possible damage.

2 Remove the 2 screws on the right side of the back panel, and then pull the side cover in the direction as illustrated below. Place the screws and the cover aside.:



Note: When you remove the cover, sensitive internal components are exposed. Avoid touching anything other than the memory assembly when removing or adding memory.

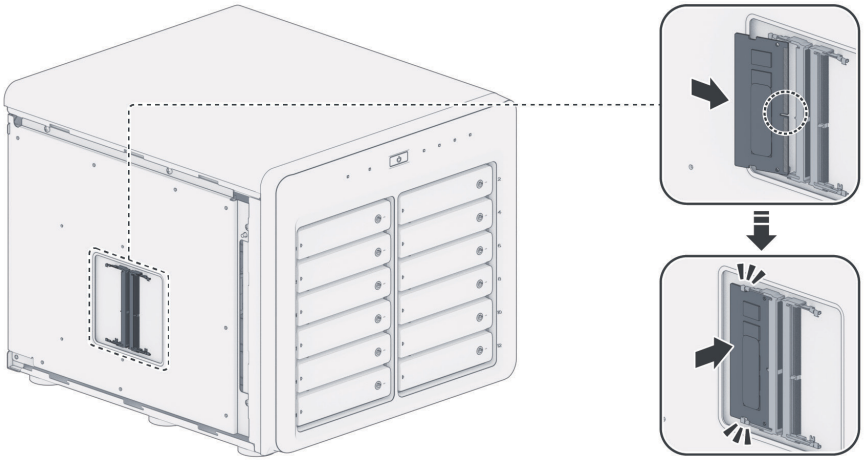
3 The memory slots are labeled as below.



4 Insert the new memory module into the empty slot:

a Align the small gap between the gold connectors of the memory module with the notch on the empty slot. Insert the memory module into the slot. Make sure that the module is properly inserted.

b Gently push down the memory module until you hear a click.



Note:

- Hold the memory module by its edges and avoid touching the gold connectors.
- Synology will not provide full product warranty or technical support if a non-Synology memory module is used for memory upgrade.

5 Replace the cover and tighten the two screws that removed.

6 Reconnect the cables that removed, then press the power button to turn on your Synology NAS.

To make sure your Synology NAS recognizes the new memory capacity

1 Install DiskStation Manager (DSM). Please see "**Install DSM on Synology NAS**" for more information.

2 Sign in to DSM as **admin** or a user belonging to the **administrators** group.

3 Go to **Control Panel** > **Info Center** and check **Total Physical Memory**.

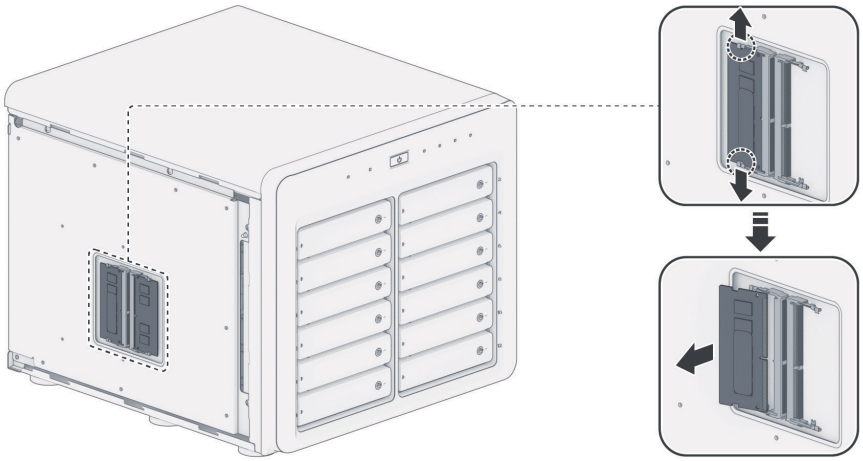
If your Synology NAS does not recognize the memory or does not start up successfully, please make sure that the memory module is installed correctly.

To remove the RAM Module

1 Follow step 1 to 3 of the "**To install the RAM module**" section to shut down your Synology NAS, disconnect the cables, and then remove the side cover.

2 Push the levers on both sides of the memory module outward. The memory module will be released from its slot.

3 Hold the memory module by its edges and remove it from the slot.



4 Replace the side cover and tighten the two screws that removed.

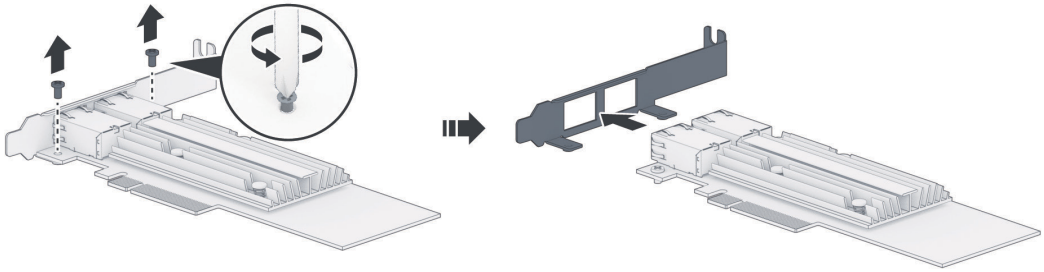
5 Reconnect the cables that removed, then press the power button to turn on your Synology NAS.

Install PCIe Add-in Cards

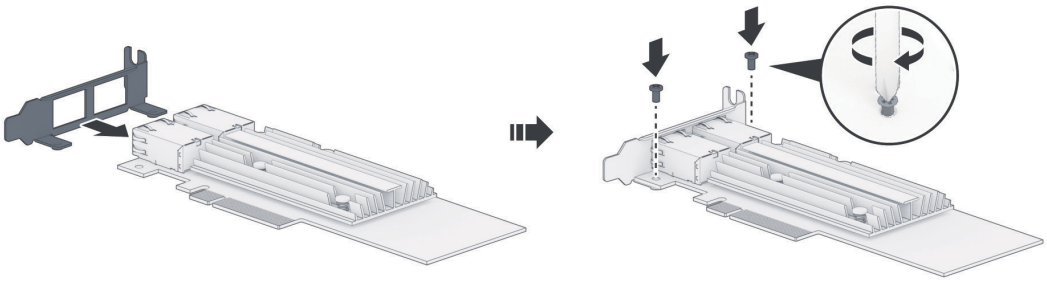
Your Synology NAS has a PCI Express expansion slot which allows you to install 10GbE or Gigabit network interface card for LAN port expansion[1]. You need to replace the long bracket (suited for PC) of your network interface card with a short bracket before installing the card into your Synology NAS..

To replace a long bracket with a short one

1 Remove the 2 screws from the long bracket of your network interface card, and then remove the bracket.



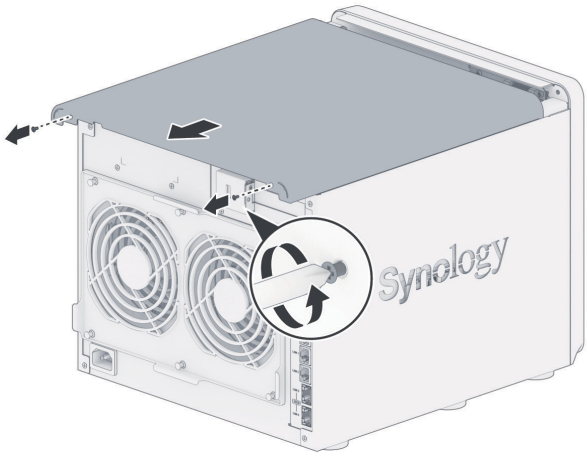
2 Replace the long bracket with a short one, and tighten the 2 screws to secure the short bracket.



To install a network interface card

1 Shut down your Synology NAS. Disconnect all cables from your Synology NAS to prevent possible damage.

2 Remove the 2 screws on the top of the back panel, and then pull the top cover in the direction as illustrated below.



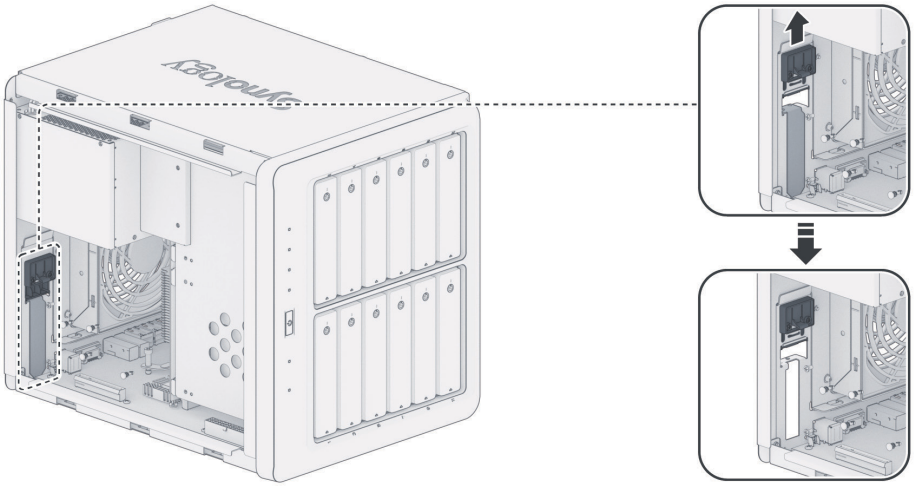
[1] For more information about supported 10GbE or Gigabit network interface cards, please visit **www.synology.com**.

3 Remove the PCIe expansion shield:

a Reposition your Synology NAS so that the top will be facing your body, with drive trays on the right side.

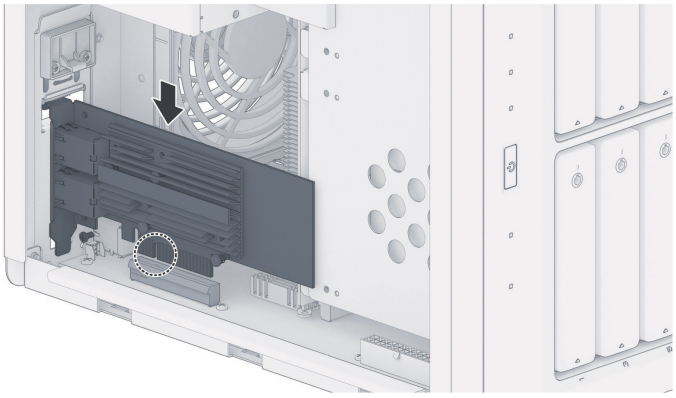
b Pull the clip above the PCIe expansion slot shield in the direction as illustrated below.

c Remove the shield

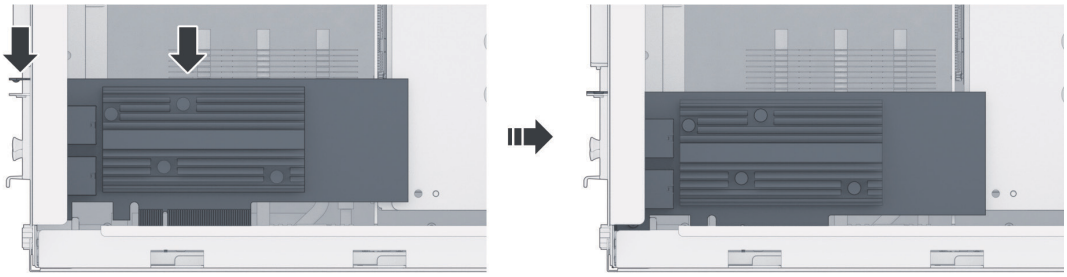


4 Install the network interface card:

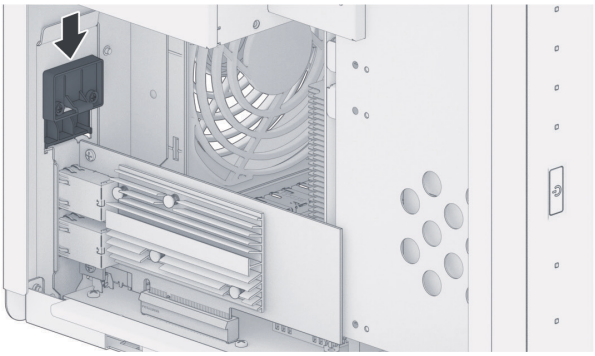
a Align the card's connectors with the PCIe expansion slot.



b Use two fingers with firm, even pressure to push down on the card and the bracket.



c Push back the clip to secure the newly inserted card.



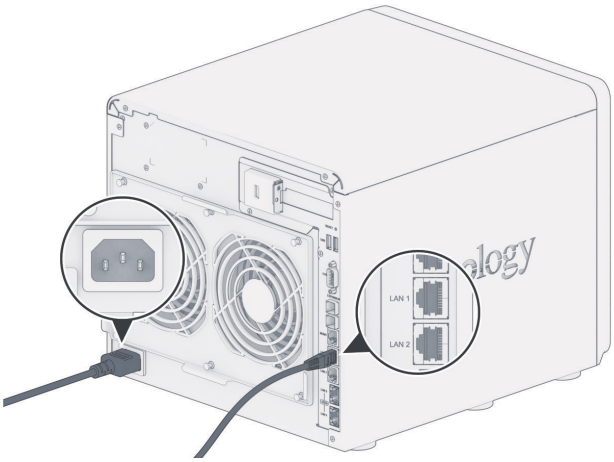
Note: Confirm that the connector is fully inserted. Otherwise, the network interface card might not be able to function properly.

5 Replace the top cover, then replace and tighten the 2 screws you removed in Step 2.

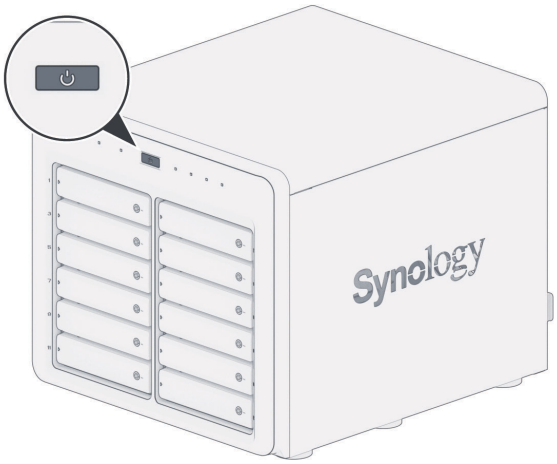
Start up Your Synology NAS

1 Use the LAN cable to connect the Synology NAS to your switch, router, or hub.

2 Connect one end of the AC power cord to the power port of your Synology NAS. Connect the other end to a power outlet.



3 Press the power button to turn on your Synology NAS.



Congratulations! Your Synology NAS is now online and detectable from a network computer.

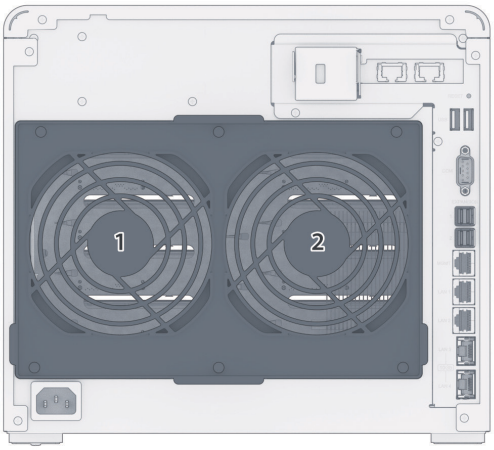
System Maintenance

Replace System Fan

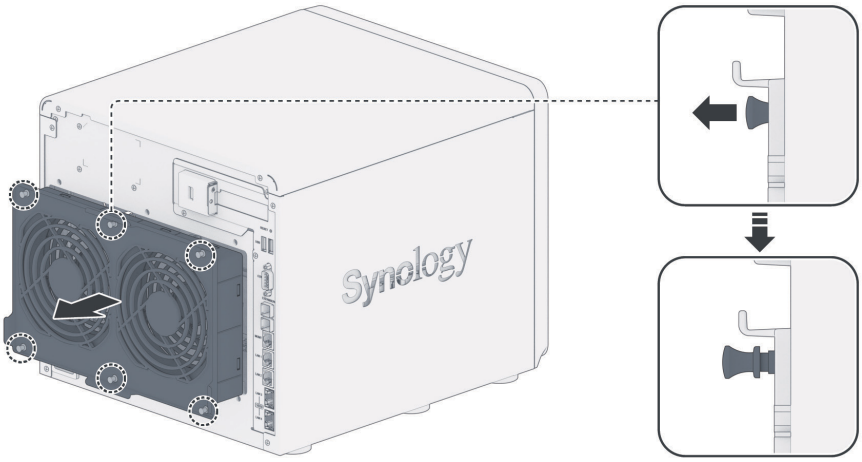
If the cooling fan located on the back of the Synology NAS malfunctions, please follow the steps below to remove the malfunctioning fan and replace it with a new one.

1 Power off your Synology NAS and remove the power cord.

2 Fans are numbered as shown below.



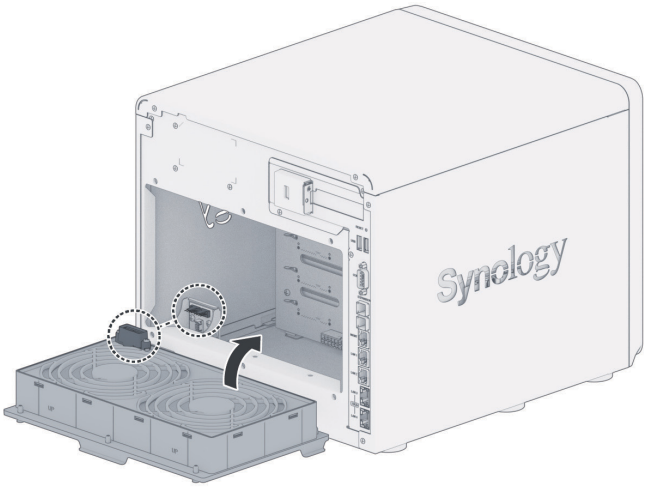
3 Pull the 6 push pins that secure the fan module.



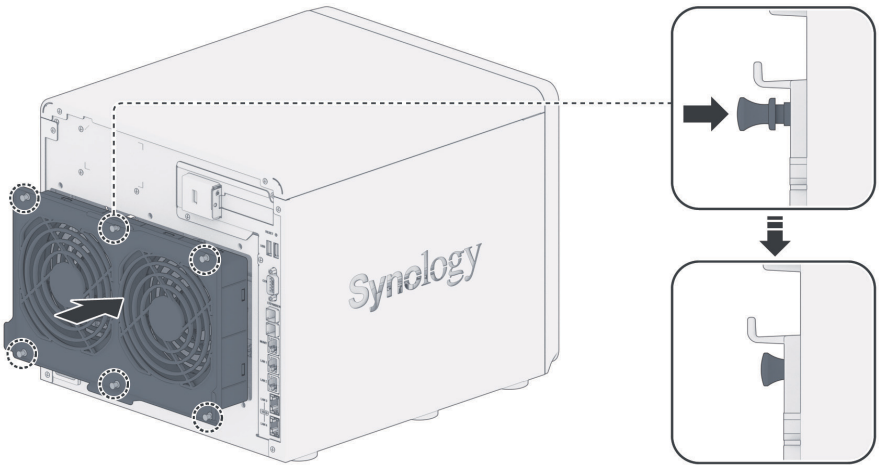
4 Pull out the malfunctioning fan module to remove it from your Synology NAS.

5 Install a new fan module:

a Install the new module with the power connector at the bottom, so that it can be properly put onto the chassis.



b Make sure that all 6 push pins on the new module are pulled outwards before the module is placed into your Synology NAS, and then press the push pins back into place to secure the fan module.



Install DSM on Synology NAS

After hardware setup is completed, please install DiskStation Manager (DSM) – Synology's browser-based operating system – on your DS3622xs+.

Install DSM with Web Assistant

Your DS3622xs+ comes with a built-in tool called **Web Assistant** that helps you download the latest version of DSM from the Internet and install it on your DS3622xs+. To use Web Assistant, please follow the steps below.

1 Power on your DS3622xs+.

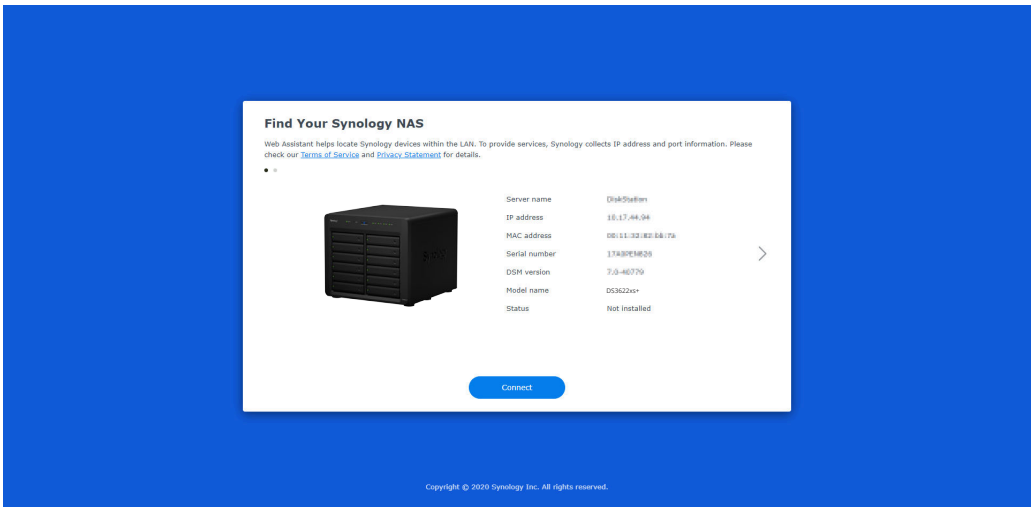
2 Open a web browser on a computer connected to the same network as your DS3622xs+.

3 Enter either of the following into the address bar of your browser:

   a **find.synology.com**

   b **synologynas:5000**

4 Web Assistant will be launched in your web browser. It will search for and find the Synology NAS within the local network. The status of your DS3622xs+ should be **Not Installed**.



5 Click **Connect** to start the setup process and follow the onscreen instructions.

Note:

- The Synology NAS must be connected to the Internet to install DSM with Web Assistant.
- Recommended browsers: Chrome, Firefox.
- Both the Synology NAS and the computer must be in the same local network.

6 If you accidentally leave the installation process before it is finished, sign in to DSM as **admin** (default administrative account name) with the password left blank.

Learn More

Your DS3622xs+ is now ready for action. For more information or online resources about your DS3622xs+, please visit **Synology's official website**, which contains **step-by-step tutorials and frequently asked questions**.

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Section 10. Support. During the period specified in the Section 9, Synology will make available to you the support services. Following the expiration of the applicable period, support for Software may be available from Synology upon written

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Section 11. Disclaimer of Warranties. EXCEPT AS EXPRESSLY SET FORTH ABOVE, THE SOFTWARE IS PROVIDED "AS IS" AND WITH ALL FAULTS. SYNOLOGY AND ITS SUPPLIERS HEREBY DISCLAIM ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, ARISING BY LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, TITLE AND NONINFRINGEMENT, WITH REGARD TO THE SOFTWARE. WITHOUT LIMITING THE FOREGOING, SYNOLOGY DOES NOT WARRANT THAT THE SOFTWARE WILL BE FREE OF BUGS, ERRORS, VIRUSES OR OTHER DEFECTS.

Section 12. Disclaimer of Certain Damages. IN NO EVENT WILL SYNOLOGY OR ITS LICENSORS BE LIABLE 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 OF OR INABILITY TO USE THE SOFTWARE OR OTHERWISE UNDER OR IN CONNECTION WITH THIS EULA OR THE SOFTWARE, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHER THEORY EVEN IF SYNOLOGY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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Section 14. Export Restrictions. You acknowledge that the Software is subject to U.S. export restrictions. You agree to comply with all applicable laws and regulations that apply to the Software, including without limitation the U.S. Export Administration Regulations.

Section 15. Termination. Without prejudice to any other rights, Synology may terminate this EULA if you do not abide by the terms and conditions contained herein. In such event, you must cease use of the Software and destroy all copies of the Software and all of its component parts.

Section 16. Assignment. You may not transfer or assign your rights under this EULA to any third party, except for that pre-installed in the Products. Any such transfer or assignment in violation of the foregoing restriction will be void.

Section 17. Applicable Law. Unless expressly prohibited by local law, this EULA is governed by and construed in accordance with the laws of the country, in accordance with which Synology Inc. was organized without regard to any conflict of law principles to the contrary.

Section 18. Dispute Resolution. Any dispute, controversy or claim arising out of or relating to this EULA will be resolved exclusively and finally by arbitration conducted by three neutral arbitrators in accordance with the procedures of the Arbitration Law and related enforcement rules of the country in which Synology Inc. was organized. In such cases, the arbitration will be limited solely to the dispute between you 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 take place in Taipei 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. You understand that, in the absence of this provision, you 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 you expressly and knowingly waive those rights and agree to resolve any disputes through binding arbitration in accordance with the provisions of this Section 18. 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 EULA relating to Synology's intellectual property rights.

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 Product Support 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 Product Support 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 Extended Warranty.
(c) "Immediate termination of Warranty Period": As to the Synology drive product, its warrant period will terminate immediately upon either of following situations occurs: (a) for solid-state drive, its lifespan wear-out indicator is equal to or exceeds the limit specified in the "product specifications" of the drive attached with the purchased product; (b) for all drive products, its temperature record is equal to or exceeds the operating temperature limit of the drive, which is specified in the "product specifications" attached with the purchased product.

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". (c) 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, specifications, or its related documents, or in any way misused, abused, or damaged; (b) has been damaged caused by accident, fire, liquid contact, earthquake, other external factor or product use in improper environment; (c) has been disassembled without authorization from Synology; or (d) with 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; (e) serial number has been removed or defaced from Product, resulting in not able to identify; (f) has been damaged or out of order because Customer fails to implement any correction, modification, enhancement, improvement or other update made available to Customer by Synology, or because Customer implements, installs or uses any correction, modification, enhancement, improvement or other update made available by any third party; (g) has been damaged, out-of-order, or incompatible due to installation or use with items not provided by Synology other than the hardware, software or other accessory for which the Product is designed.

Please note that each of the above situations shall be subject to the inspection and verification of the product's appearance and functions by Synology.

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. Please note that the warranty support does not apply to rescue of the data stored in Synology Product or its backup. Customer shall make a backup copy of the stored data before it returns the Product to Synology, Synology may weed up all information or data in the Product while it performs the warranty services and shall not be responsible or liable for any data loss therein.

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 the return procedure at How do I make a warranty claim for my Synology product? For warranty claims, the Customer must return the complete Product to Synology in accordance with this Section 3.4. Any returned Product that (a) has been disassembled (except under the direction of Synology); or (b) serial number has been removed or defaced from Product, resulting in not able to identify, or (c) was damaged on the way of return due to improper packaging (including but not limited to scratches and deformation), 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/damage with respect to returned items until they are properly received by Synology.

3.5 Replacement of New Product or Refurbished Product 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. Before the shipment of the Refurbished Product to the Customers, they have been verified to strictly comply with Synology's quality standard. Please note that part of the Refurbished Products would be with certain stain, scratches, or other minor wear and tear. 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

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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,

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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 B 機器です。この装置は、住宅環境で使用することを目的 としていますが、この装置がラジオやテレビジョン受信機に近接して使用され ると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。　　VCCI ー B