



asustor AS5004U Expansion Unit Installation Guide

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asustor AS5004U Expansion Unit



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Notices



Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
 - This device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE Mark Warning



CE marking for devices without wireless LAN/Bluetooth

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and IEC60950-1:2005 (2nd Edition)+A1:2009 "Information technology equipment-Safety "."

Safety Precautions

The following safety precautions will increase the life of the NAS. Follow all precautions and instructions.

Electrical Safety

Unplug this product from the power source before cleaning.

Use only the bundled power adapter. Using other power adapters may damage your device.

Ensure that you plug the power adapter to the correct power input rating. Check the label on the power adapter for the power rating.

Operation Safety

- DO NOT place this product in a location where it may get wet.
- Place this product on a flat and stable surface.
- Use this product in environments with an ambient temperature between 0°C and 40°C.
- DO NOT block the air vents on the case of this product. Always provide proper ventilation for this product.

- DO NOT insert any object or spill liquid into the air vents. If you encounter technical problems with this product, contact a qualified service technician or your retailer. DO NOT attempt to repair this product yourself.






DO NOT throw this product in municipal waste.

This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

Package Contents

Applicable Models: AS5004U

NAS Device	 AS5004U
 Power Cord	x1
 Adapter	x1

 <p>USB 3.2 Gen2 Cable</p>	<p>x1</p>
 <p>Screws for use with 2.5" HDD</p>	<p>x16</p>
 <p>Quick Installation Guide</p>	<p>x1</p>

Optional Accessories

The items below may be purchased from the ASUSTOR Accessories Store <http://shop.asustor.com>.

Hardware Installation Guide

Tools Needed for Hard Disk Installation

- Phillips head screwdriver
- At least one 2.5 or 3.5 inch SATA hard disk. (For a list of compatible hard disks, please see <http://www.asustor.com/service/hd?id=hd>)

Hard Disk Installation

1. Remove the front panel as shown in the image below.



2. Using the latch, gently pull the disk tray out of the disk bay.



3. Mount the hard disk to the disk tray.

✓ **To install a 3½" hard drive**, please remove the two rails on both sides of the hard drive tray. Place the hard drive into the tray, align and insert the rails to secure the hard drive and insert it into the NAS.

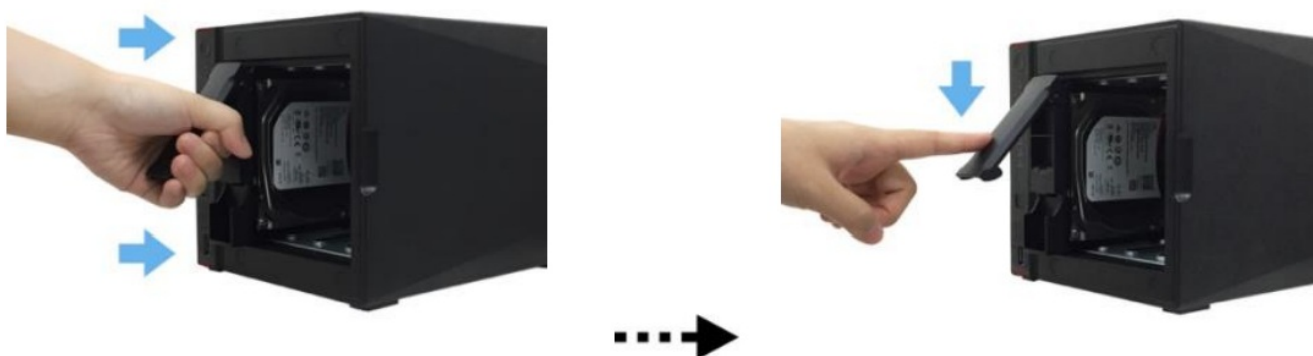


✓ To install a 2½" hard drive, please remove the two rails on both sides of the hard drive tray. Align the hard drive with the 4 holes labeled 2.5" with the SATA connector facing outward. While maintaining a grip on the hard drive and tray, turn the tray upside down and secure the drive with four included M3 screws as demonstrated below.



4. Slide the disk tray onto the rails of the disk bay. Using the latch, gently push the disk tray all the way into the disk bay.

Secure the disk tray in place by pushing down on the latch. The latch should close easily and snap in with an audible 'click'. Please make sure that the disk tray is pushed all the way into the disk bay before attempting to secure the latch.



5. Return the front panel.



Securing the Power Cord

Note: You can use the provided cord bracket to secure the power cord in place, if you are concerned about the NAS power cord becoming detached when the NAS is moved. Attach the bracket to the power cord as shown in the graphic below.



Connecting Your Device

1. Plug the USB 3.2 Gen2 cable into AS5004U, and lock the screw in the direction of the arrow.



2. Connect the power cable to the device.



3. Connect the other end of the USB 3.2 Gen2 cable to a USB 3.2 port on your NAS, which should not be powered on yet.

When the NAS is powered on, the AS5004U will also be powered on. When the NAS is powered off or in sleep mode, the AS5004U will also enter into sleep mode.

**Note:**

1. The AS5004U can only be connected to your NAS via the NAS's USB 3.2 port.
2. If your NAS is already powered on, connecting the AS5004U to it using the USB 3.2 Gen2 cable will cause the AS5004U to power on.

Appendix**LED Indicators****AS5004U**

1. Power LED Indicator
2. Status LED Indicator
3. Hard Disk LED Indicator



LED Indicator	Color	Description	State
Power	Blue	Steadily lit	Power on
	Orange	Steadily lit	Sleep mode
	Unlit		Power off
Status	Green	Steadily lit	RAID mode
	Red	Steadily lit	Damage to RAID volume or FAN abnormality
	Yellow	Steadily lit	RAID level downgrade
	Unlit		No RAID in use
Hard Disk	Green	Steadily lit	Hard disk ready
		Flashing	Data access in progress
	Red	Steadily lit	Hard disk abnormality
	Unlit		No hard disk detected

Front Panel

AS5004U

1. Power Button
2. HDD 1
3. HDD 2
4. HDD 3
5. HDD 4



Rear Panel

AS5004U

1. USB 3.2 Gen2 Type-C Port
2. DC Input
3. K-lock
4. System Fan



Powering off Your Device

With the blue power indicator lit, press and hold the power button for 4 seconds. The green status indicator will begin to flash quickly. Let go of the power button and the NAS will sleep mode.

Number of Expansion Units Supported


- NAS models that are able to support 3 simultaneous AS5004U expansion units: AS33 / AS52 / AS53 / AS54 / AS66 / AS71 Series
- NAS models that are able to support 2 simultaneous AS5004U expansion units: AS11 / AS67 / FS67 / AS65 Series

Troubleshooting

If you encounter any problems during the installation process, please contact your local ASUSTOR dealer or [ASUSTOR Technical Support](#). You can also access the [ASUSTOR knowledge base](#) on the technical support website.



Documents / Resources

	<p>asustor AS5004U Expansion Unit [pdf] Installation Guide AS5004U, AS5004U Expansion Unit, Expansion Unit, Unit</p>
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References

- [@ member.asustor.com/](#)
- [@ FAQ - ASUSTOR Inc.](#)
- [User Manual](#)