

asustor

Quick Installation Guide

Applicable Models: AS6004U

Ver.3.0.0 (2017-4-13)

Table of Contents

Notices.....	3
Safety Precautions.....	4
1. Package Contents	5
2. Optional Accessories	6
3. Hardware Installation Guide	7
Tools Needed for Hard Disk Installation	7
Hard Disk Installation.....	7
Connecting Your Device	9
Securing the Power Cord.....	11
Powering off Your Device	12
4. Appendix.....	13
LED Indicators	13
Rear Panel.....	14
Number of Expansion Units Supported.....	14
Troubleshooting.....	14

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

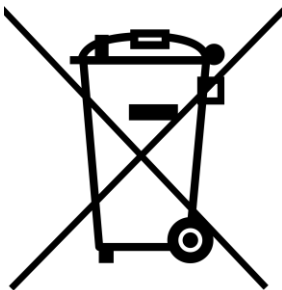
Unplug this product from the power source before cleaning.

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 5°C and 35°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.

1. Package Contents

Applicable Models: AS6004U

<p>NAS Device</p>	 AS6004U		
 Power Cord	x1	 Adapter	x1
 USB 3.0 Cable	x1	 USB 3.0 Cable Bracket	x1
 Power Cord Bracket	x1	 Screws for use with 3.5" HDD	x16
 Screws for use with 2.5" HDD	x16	 Installation CD	x1
 Quick Start Guide	x1		

2. Optional Accessories



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

3. 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. Press the button on the lower portion of the hard disk tray to release the latch.



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



3. Mount the hard disk to the disk tray.

- ✓ **3.5-inch hard disks:** Place the hard disk into the disk tray, making sure that the mounting holes on the sides of the hard disk and disk tray are lined up. Secure the drive with four screws.



- ✓ **2.5-inch hard disks and SSD hard disks:** Place the hard disk into the area of the disk tray outlined in red (see picture below). Make sure that the mounting holes on the bottom of the hard disk and disk tray are lined up. Secure the drive with four screws.



- 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.



- Once the latch is secure, you can lock it in place using the disk tray lock. Using a flathead screwdriver, turn the lock counterclockwise to lock the latch mechanism. Turning the lock clockwise will unlock it.



Connecting Your Device

Note: You can use the provided accessory to secure the USB 3.0 cord in place, if you are concerned about it becoming detached when the NAS is moved.

- Take the cable bracket accessory and insert it into its corresponding port on the rear panel of the device.



- Connect the USB 3.0 cable to the device.



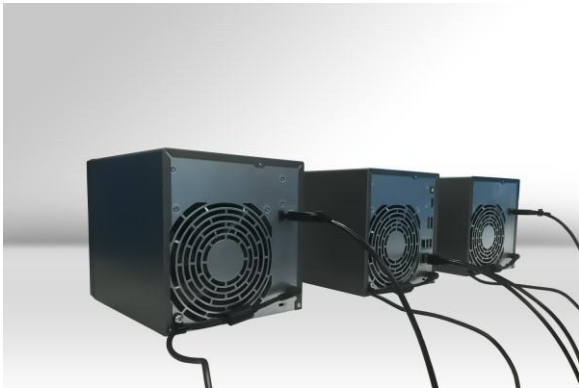
- Take the USB 3.0 cable and push it into the bracket accessory as shown in the graphic below. Ensure that it is secure.



4. Connect the power cable to the device.



5. Connect the other end of the USB 3.0 cable to a USB 3.0 port on the rear panel of your NAS, which should not be powered on yet. When the NAS is powered on, the AS6004U will also be powered on. When the NAS is powered off or in sleep mode, the AS6004U will also enter into sleep mode. When the USB 3.0 cable is not connected to a NAS, pressing the power button on the AS6004U will cause it to enter into sleep mode.



Note:

1. The AS6004U can only be connected to your NAS via the NAS's rear USB 3.0 port. It will be unable to operate properly if you connect it to your NAS via either the front USB 3.0 port or rear USB 2.0 ports.
2. If your NAS is already powered on, connecting the AS6004U to it using the USB 3.0 cable will cause the AS6004U to power on.

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.

1. Take the cord bracket out of the accessories box.



2. Attach the bracket to the power cord as shown in the graphic below.



3. Remove the fan screw by unscrewing it counter-clockwise.



4. Position the bracket over the hole for the removed fan screw. Secure the bracket in place by replacing the fan screw.



Powering off Your Device

1. 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 power off.



Note: It is strongly recommended that you do not power off the NAS when data is being transferred between your NAS and the AS6004U.

2. When the NAS is in sleep mode, with the orange power indicator lit, holding the power button for 5 seconds and then letting it go will cause the NAS to power off.








4. Appendix

LED Indicators



AS6004U

1. Power LED Indicator
2. Status LED Indicator
3. Hard Disk LED Indicator
4. USB 3.0 Connection LED Indicator
5. Alert 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
	Yellow	Steadily lit	RAID level downgrade
		Unlit	No RAID in use
USB 	Blue	Steadily lit	USB 3.0 port and NAS have been connected
		Unlit	USB 3.0 port and NAS have not been connected
Alert 	Red	Steadily lit	Fan abnormality
		Unlit	Fan operating normally
Hard Disk 	Green	Steadily lit	Hard disk ready
		Flashing	Data access in progress
	Red	Steadily lit	Hard disk abnormality
		Unlit	No hard disk detected

Rear Panel



1. USB 3.0 Port
2. USB 3.0 Cable Bracket Port
3. DC Input
4. K-Lock
5. System Fan

Number of Expansion Units Supported

- NAS models that are able to support 2 simultaneous AS6004U expansion units:
AS31 / AS32 / AS50 / AS51/ AS61/ AS62 / AS70 Series
- NAS models that are able to support 1 simultaneous AS6004U expansion unit:
AS10 / AS-2 / AS-3 / AS-6 Series

Troubleshooting

1. If you encounter any problems during the installation process, please contact your local ASUSTOR dealer or ASUSTOR Technical Support (<http://support.asustor.com>). You can also access the ASUSTOR knowledge base on the technical support website.



SUPPORT.ASUSTOR.COM