



UGREEN DXP6800 Plus Network Attached Storage Instruction Manual

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UGREEN DXP6800 Plus Network Attached Storage



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About the DXP6800 Plus

The DXP6800 Plus is a network-attached storage device designed for personal users, home offices, studios, and small businesses. The device works as an intelligent data management center where users can store and access data via multiple terminal devices, such as smartphones, laptops, tablets, and TVs, anywhere there is network access.

Included are a wide range of multimedia applications for you to easily enjoy photos, music, and videos. Access, share, and sync your data effortlessly from anywhere, anytime, and on any device. Additionally, a variety of productivity tools are available to create a seamless working flow for collaboration and enhance work efficiency. A high-speed, 10 Gigabit Ethernet port with PCIe expansion slot boosts application performance and system functionality. With the scalable design, you can expand the storage capacity based on your needs. Top-of-notch safety, high-performance, and easy scalability, this device is here to provide you with a next-generation data management experience.

Instructions Before Use

- In order to ensure data transmission efficiency, it is recommended to use a router or switch with 10-Gigabit LAN ports or higher and to connect the NAS using the included Ethernet cable (CAT7 or higher).
- It is recommended to use new hard drives. When installing ANY drive(s), the NAS system will format the drive, erasing ALL existing data. Ensure any important data is backed up prior to installation.
- Please only use the original power cable, or a safety-certified power cable, that meets the power specifications for this device.
- Do not insert or remove hard drives when NAS device is on. If necessary, please turn off the device first by using the app to prevent potential file loss, data corruption, or drive damage.
- ONLY update firmware with a stable power supply. Do NOT disconnect the power supply during the update process.
- After unbinding the device, all data will be removed and can NOT be retrieved. Ensure data is backed up appropriately before unbinding the device.

Package Contents

- 1×Network Attached Storage



- 1×User Manual



- 1×Warranty Card



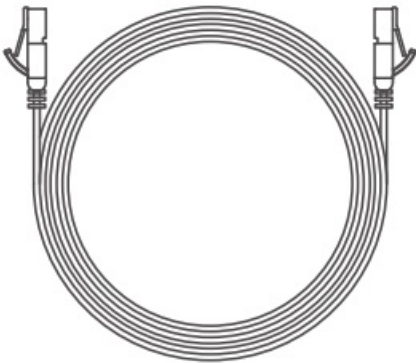
- 2×Hard Drive Tray Key



- 1×Power Cable



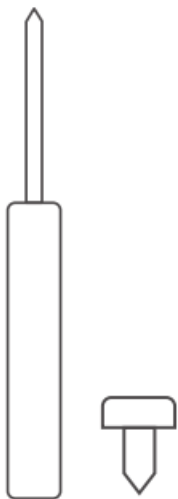
- 2×Ethernet Cable (CAT7)



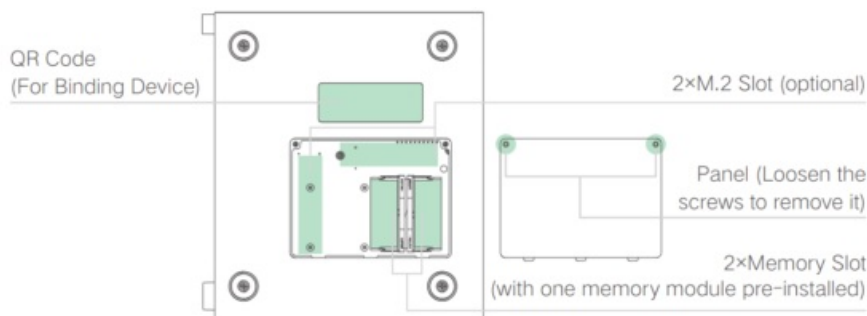
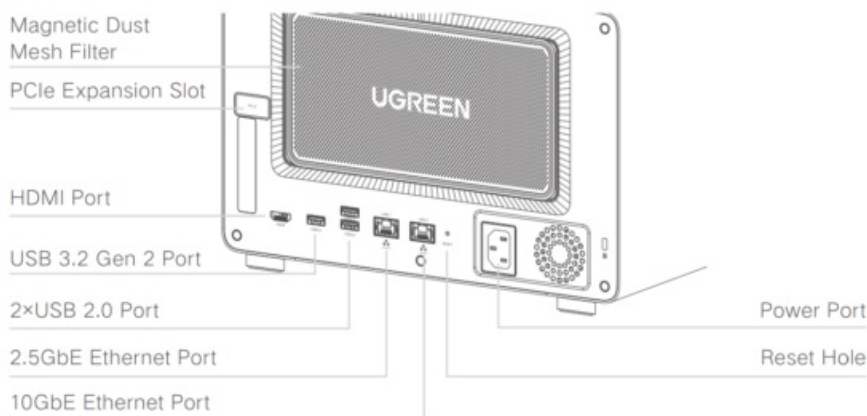
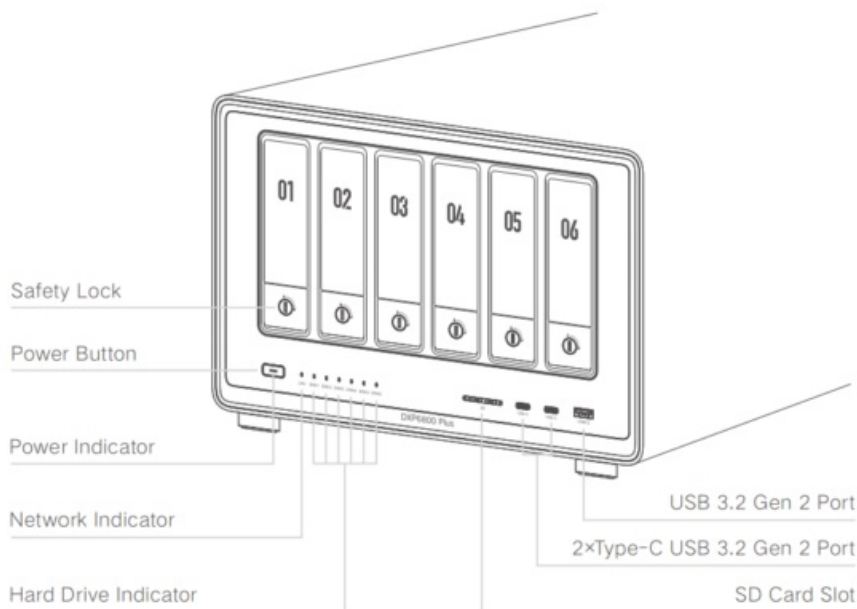
- 2×SSD Silicone Pad
(For Thermal Conduction)



- Screws & Screwdriver



Product Overview

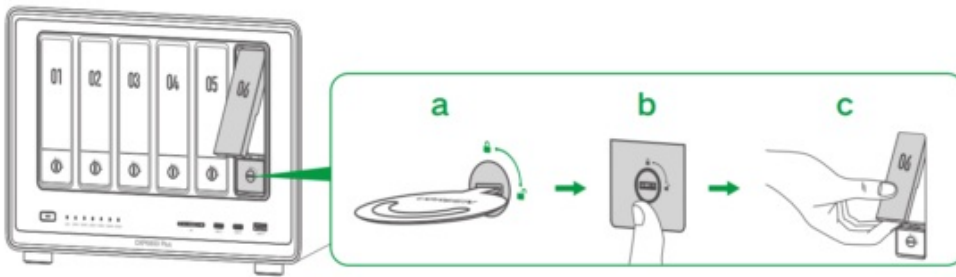


Warning

Before inserting or removing any hard drive (including M.2 SSDs) / memory module, please power off the system completely: turn off NAS and disconnect it from power supply.

Unlocking Hard Drive Tray

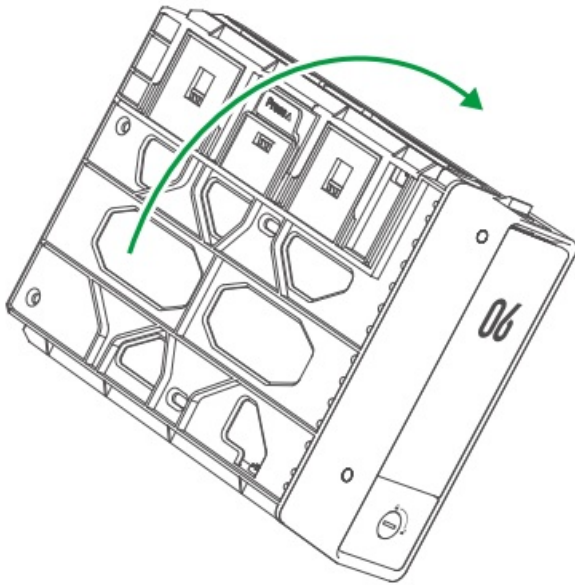
Use the key to unlock the hard drive tray, and press the buckle to pop the handle out, then pull the tray out.



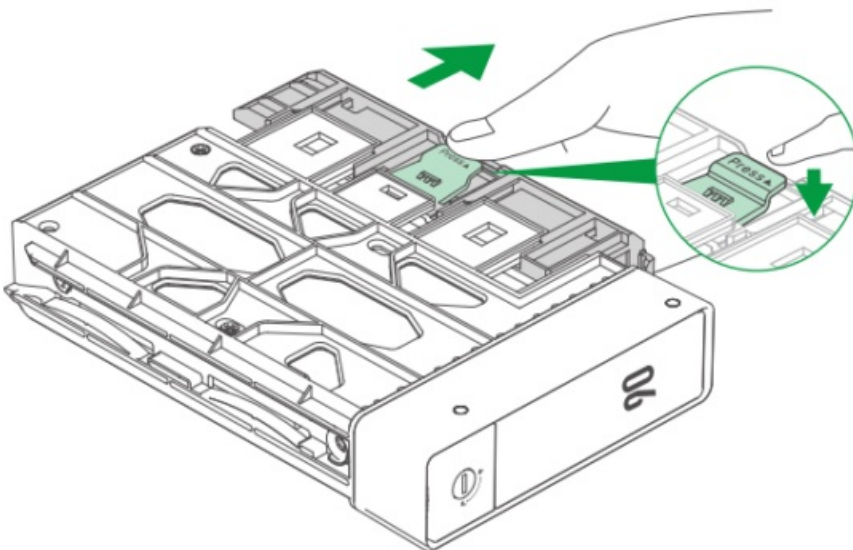
Installing

Installing 3.5-inch Hard Drives (No Screwdriver Required)

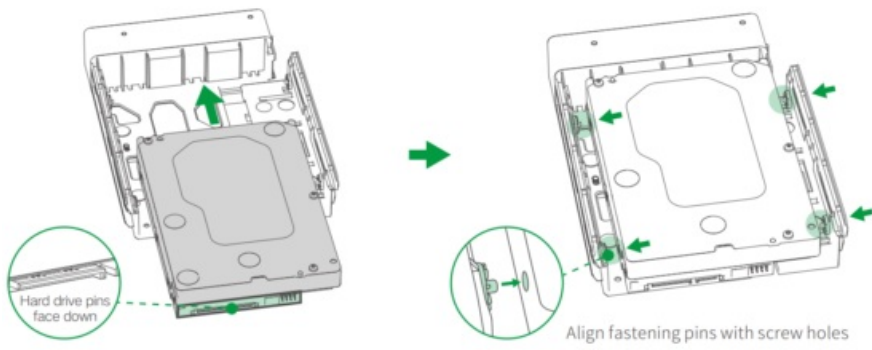
1. Flip drive tray: Flip tray to the back.



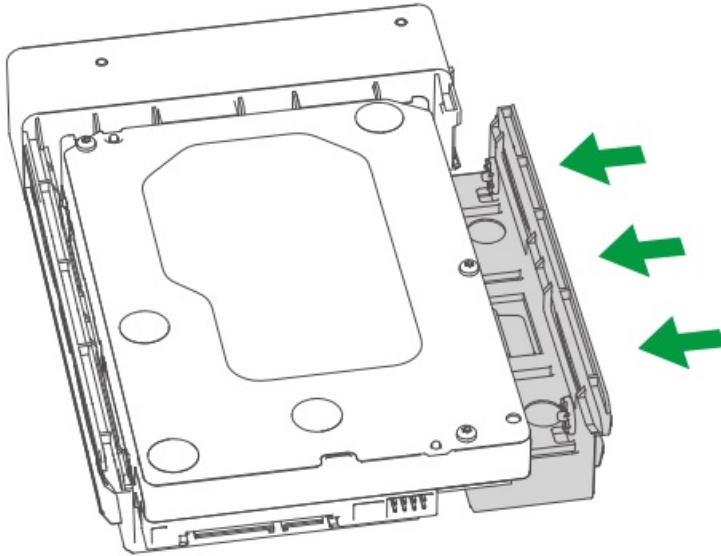
2. Pull the clamp arm: Press the buckle marked with the "Press" icon to pull the arm.



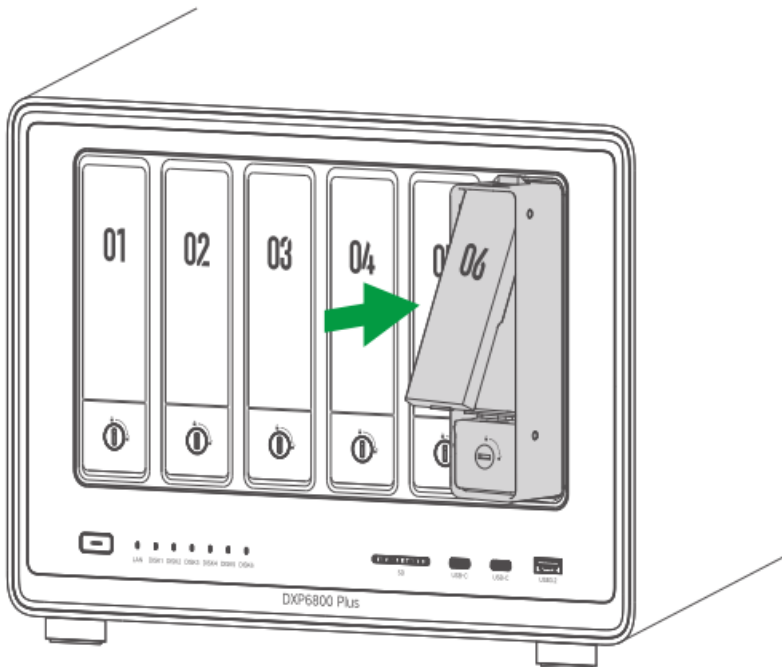
3. Install the drive: Place drive on the tray. Ensure the four fastening pins on the tray (two on each side) are aligned with the screw holes on the drive.



4. Secure the drive: Push back the clamp arm to secure the drive.

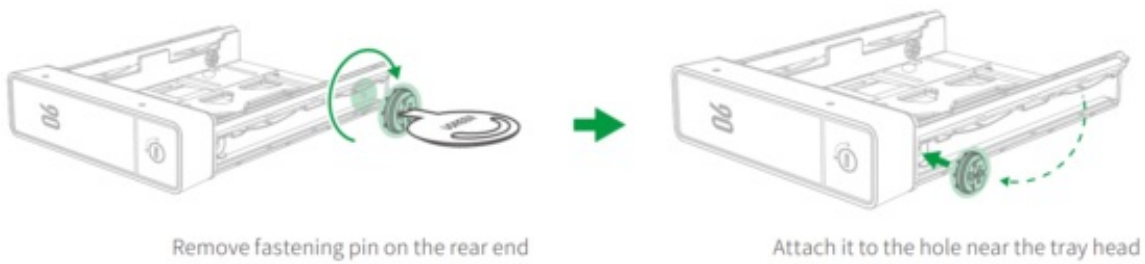


5. Load the tray into the bay: Insert the loaded drive tray into the empty drive bay and lock it.

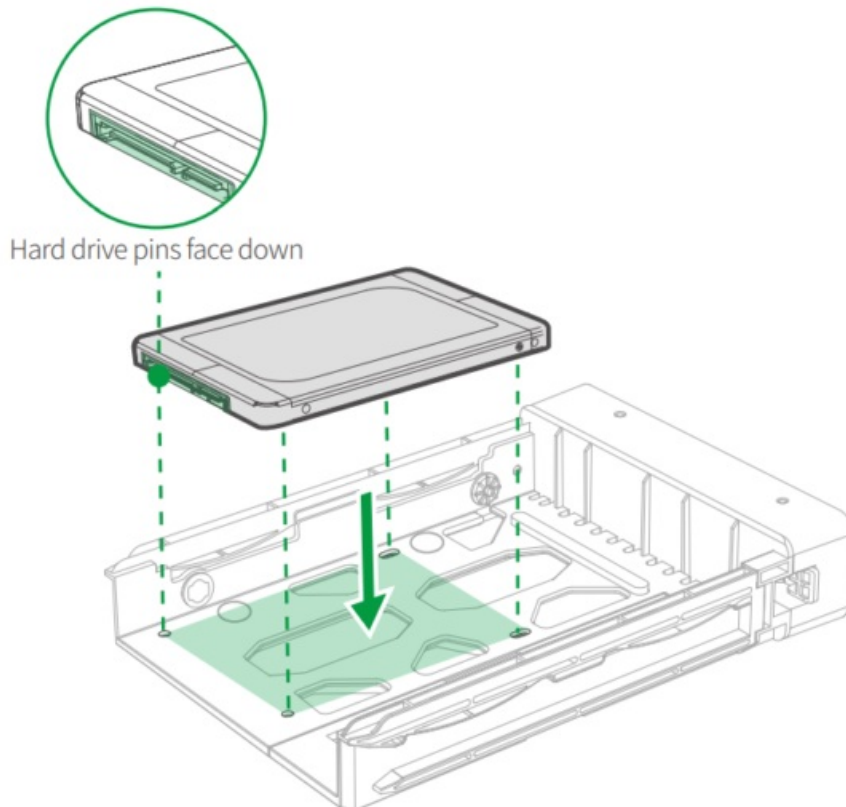


Installing 2.5-inch Hard Drives (Screwdriver Required)

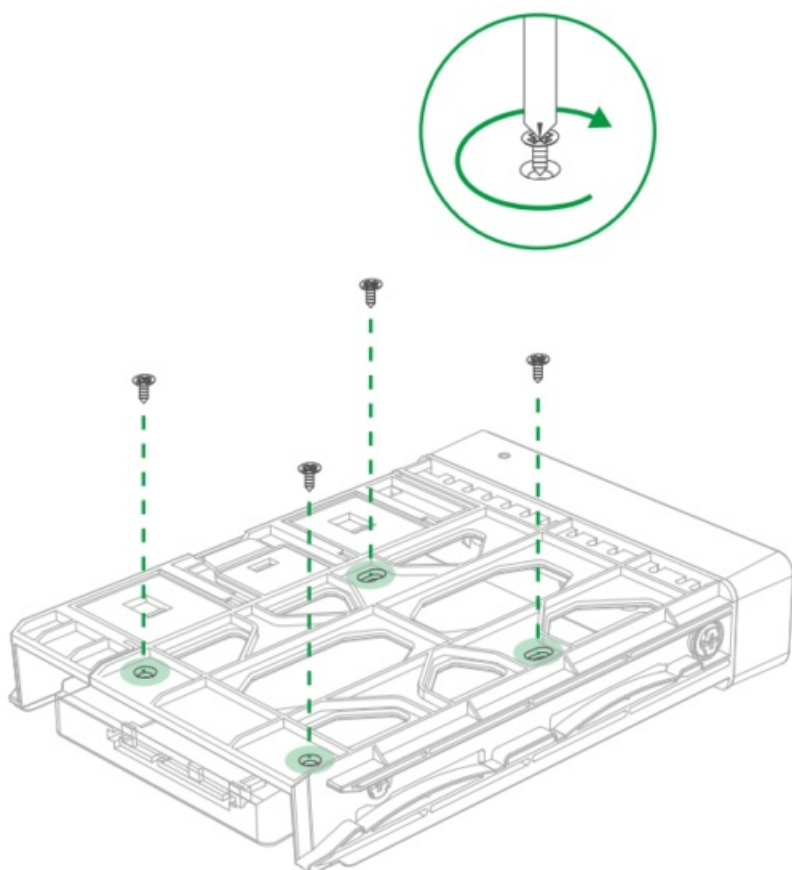
1. Remove the fastening pin: Use the drive tray key to move the rear end fastening pin into the fixed hole near the tray.



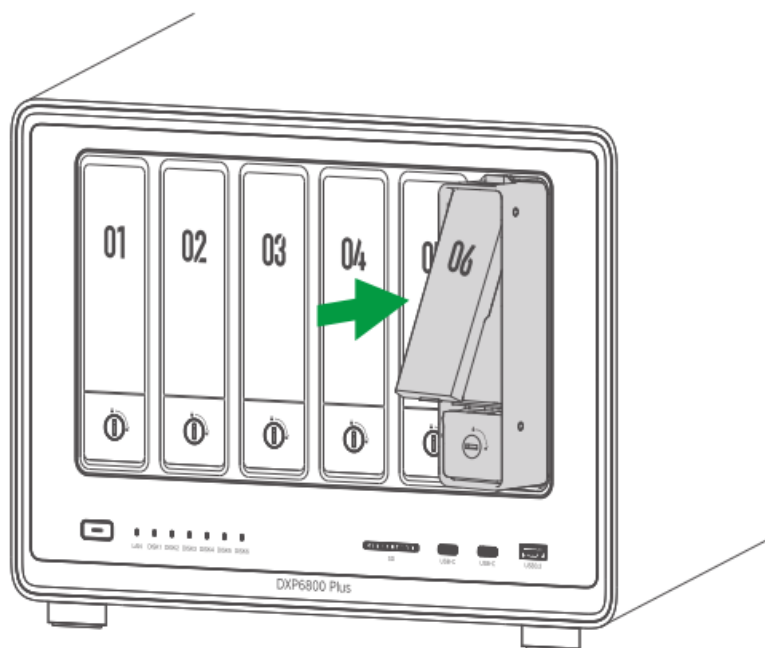
2. Install the drive: Place drive on the tray. Ensure the holes on the bottom of the drive are aligned with the holes on the tray.



3. Secure the drive: Flip tray to the back, tighten the screws to secure the drive in place.



4. Load the tray into the bay: Insert the loaded drive tray into the empty drive bay and lock it.



ⓘ For installing 3.5-inch hard drives, please remember to move the fastening pin back to the rear end.

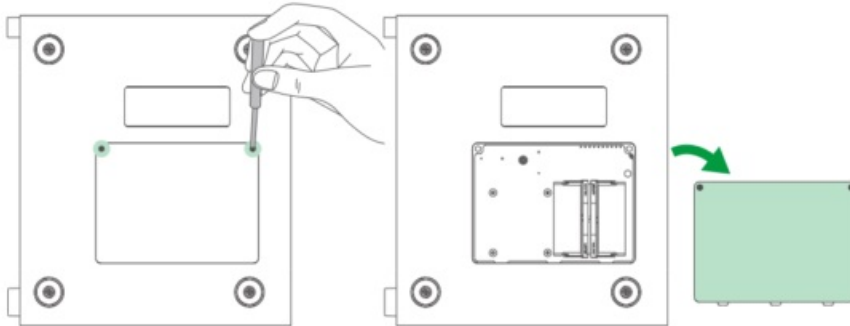


Installing M.2 SSDs (Optional)

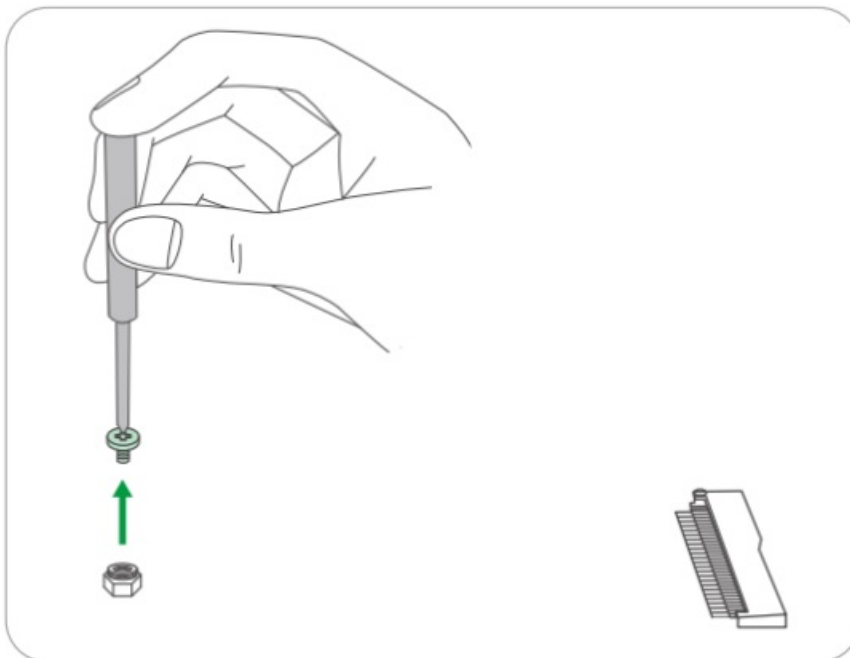
What does installing an M.2 SSD do?

M.2 SSDs can be used as a normal storage drive or as a read/write cache to improve reading and writing performance of random data.

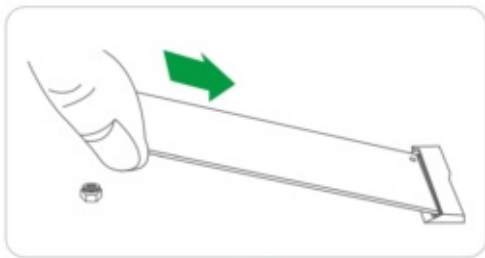
1. Power off the NAS device, then turn it over. Loosen the screws and remove the bottom panel.



2. Unscrew the M.2 fixing screws.



3. Insert M.2 SSD into the slot in the direction as shown in the image, then tighten the screws.

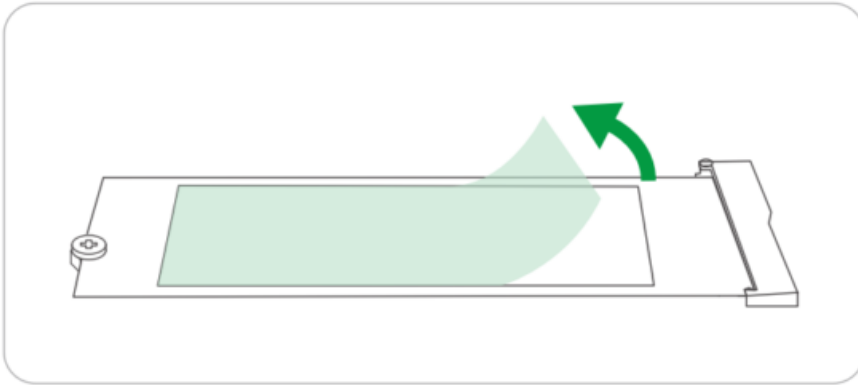


a

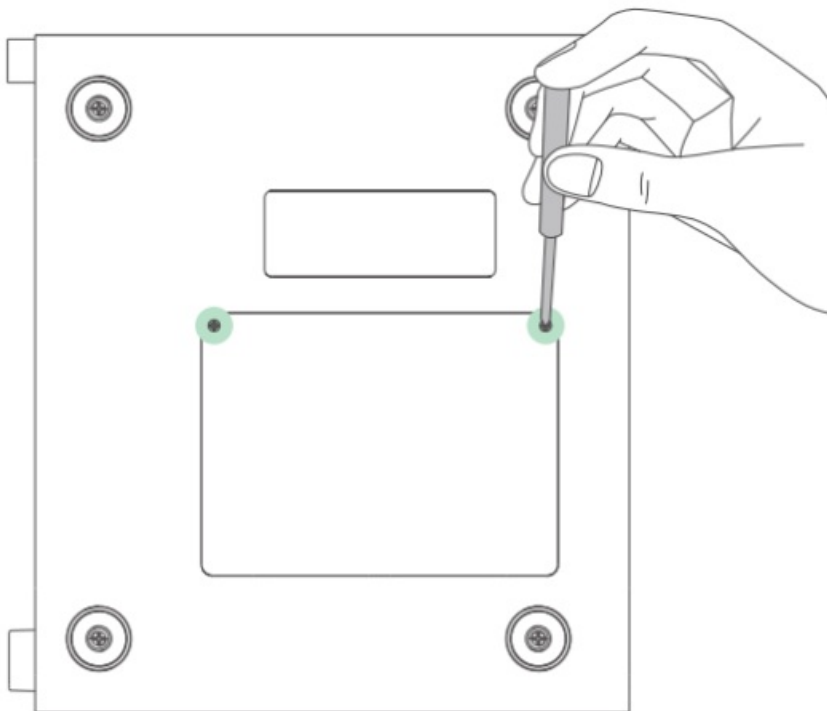


b

4. Peel off the protective film of the silicone pad and stick it on the front-facing surface of the SSD, then peel off the film on the other side.



5. Reinstall the panel and power on the NAS. After successful boot up, go to the “UGREEN NAS” app to set the SSD cache.

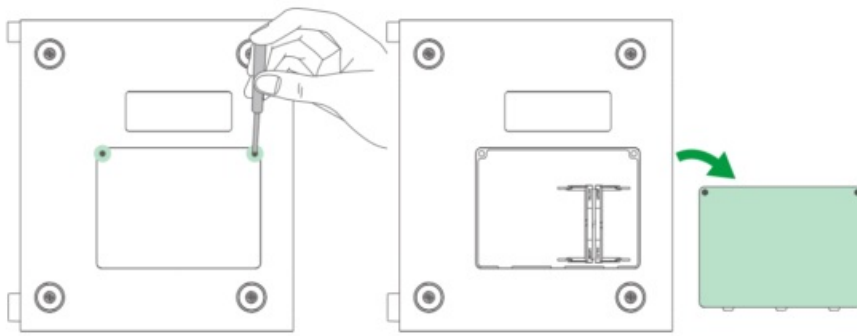


Warning

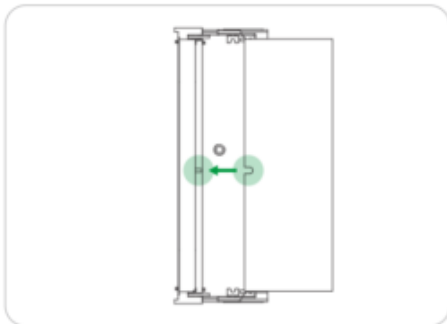
To avoid data loss, please remove the SSD cache in the “UGREEN NAS” before removing any M.2 SSD. This will provide added protection in case the system is using it for caching.

Installing Memory Modules

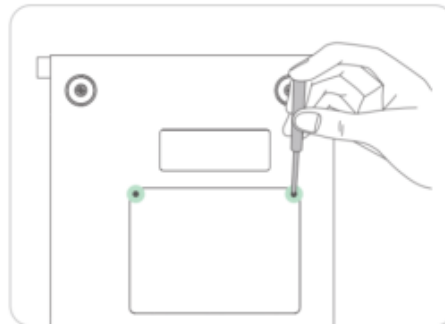
1. Power off the NAS device, then turn it over. Loosen the screws and remove the bottom panel.



2. Align the notch on the pins of the module with the corresponding ridge in the slot. Insert the module into the slot and gently push it down to ensure the module is properly inserted.
3. Reinstall the panel and tighten the screws.



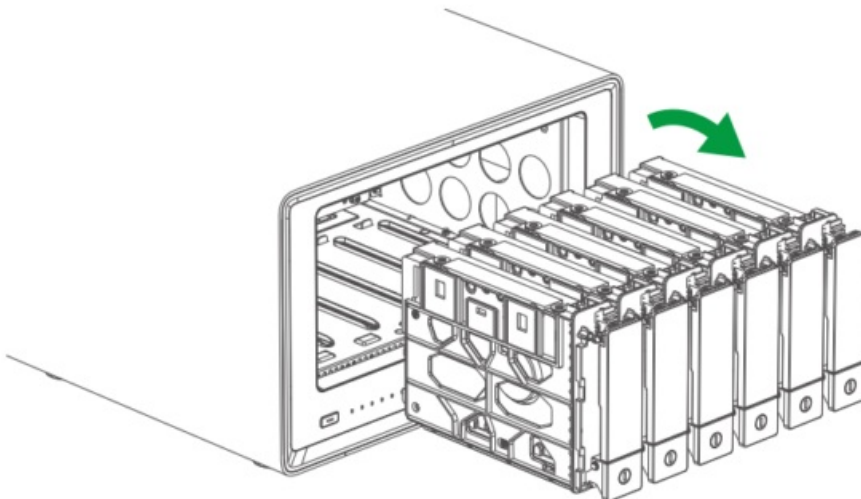
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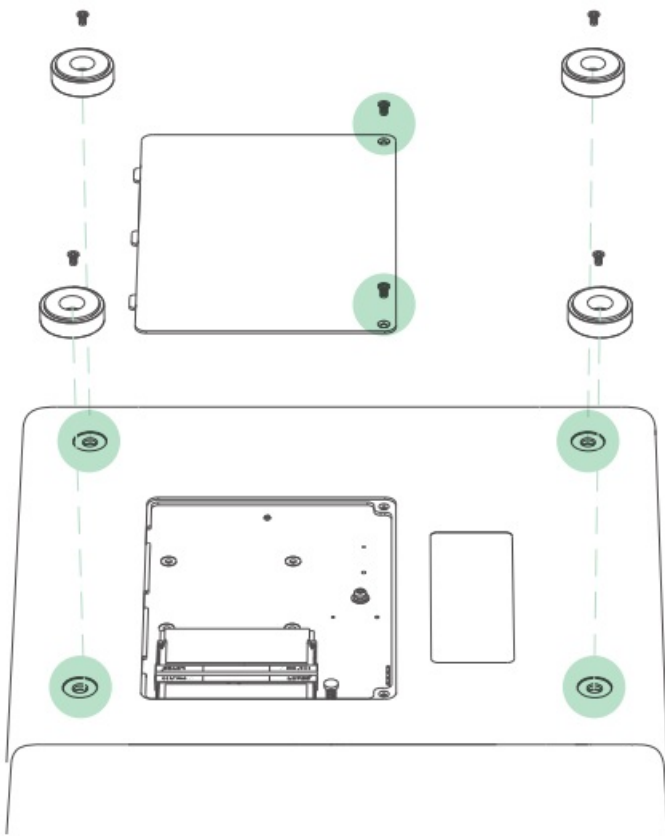
3

Installing PCIe Expansion Card

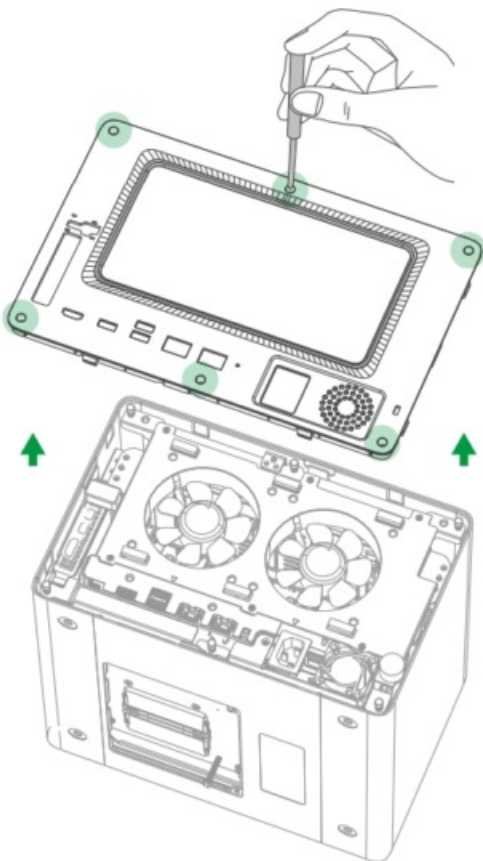
1. Power off NAS and disconnect it from power supply, then remove all the hard drive trays from the drive bays.



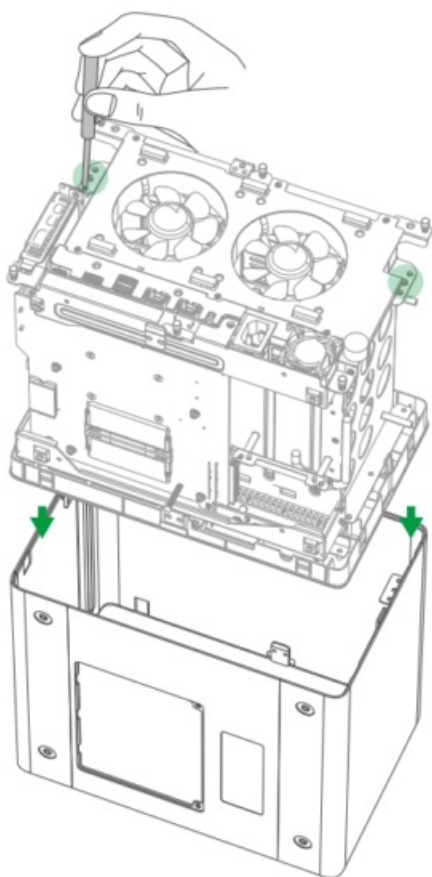
2. Turn NAS over, remove the screws and bottom panel, then unscrew the fixing screws on the corners of the bottom and remove the feet.



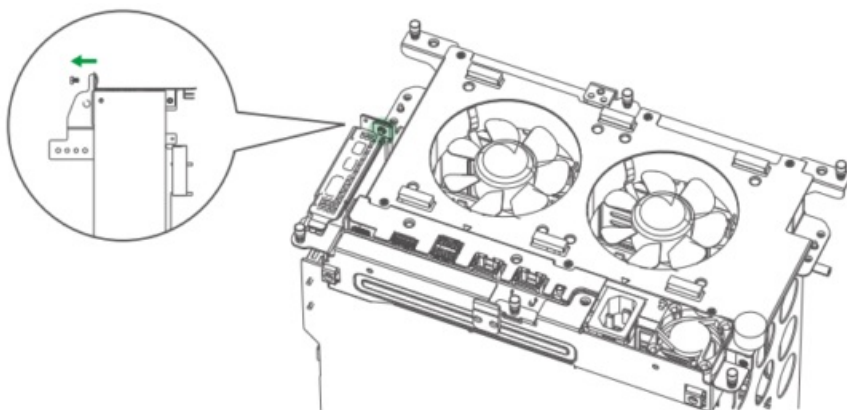
3. Turn to the back of the device, then remove the screws that secure the back ventilation cover.



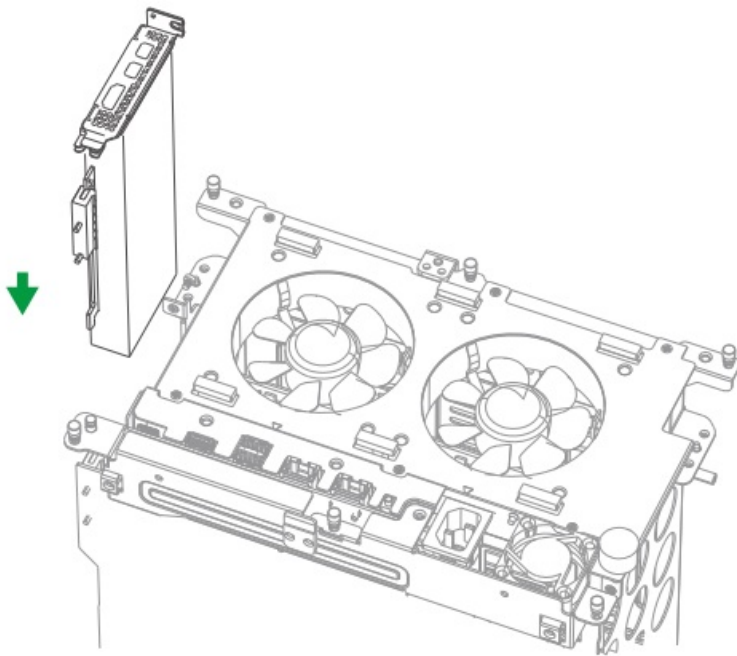
4. Remove the internal fixing screws that secure the outer shell to the internal frame, then lift the shell off the device.



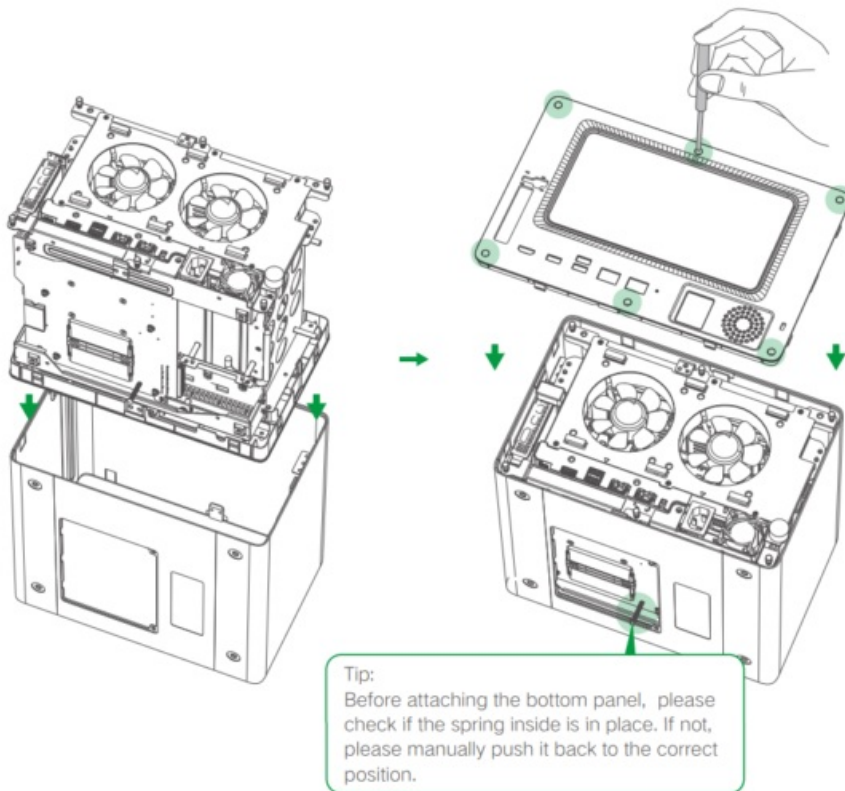
5. Remove the screw on the existing bracket. Then remove the bracket and keep it in case you need to replace the PCIe expansion card.



6. Insert the card into the slot and ensure the card is connected securely, then tighten the screws.



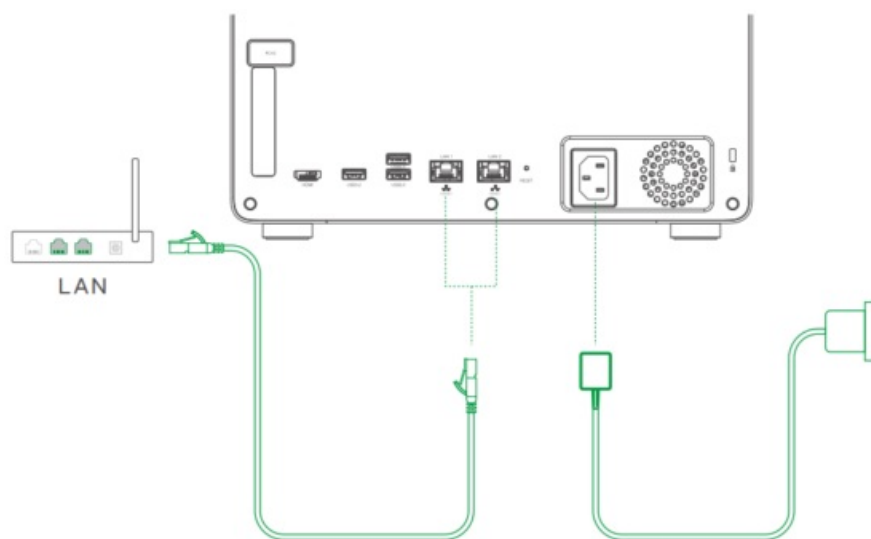
7. Put back the outer shell to the device and tighten the internal fixing screws. Then, attach the bottom panel and tighten the screws on the corners of the bottom. At last, put back the back cover.



Powering On

Use Ethernet cable to connect NAS to a LAN port on a router. Connect the power supply to the device, then short press the power button to turn it on.

Tips: After powering on, you can download "UGREEN NAS" then go to "Control Panel" > "Hardware & Power" to select automatic startup after powering on.



Warning

By means of a power cord connected to a socket-outlet with earthing connection.

Indicator

LED	Color	Status	Description
Power Indicator	White	Static	Power on
		Flashing (once per 0.5s)	Power off
		Pulsing	System hibernation
	Orange	Slow flashing (once per 1s)	Device error
DISK 1-6 Hard Drive Indicator	Orange	Slow flashing (once per 1s)	Drive error
	White	Flashing	Drive active
		Pulsing	Drive hibernation
LAN Network Indicator	Orange	Static	Internet not connected
		Flashing	Data transfer (No Internet)
	White	Static	Internet connected
		Flashing	Data transfer (Internet connected)

Buzzer

Status	Beeper
Power on	Short beep once
System reset	Short beep once
Drive error	Beep once at 3-second intervals
System error	Beep once at 2-second intervals

Web Client—Binding & Settings

Step 1: Add Device

- ① Please ensure that the NAS device and computer are on the same local area network (LAN), then visit the URL: find.ugnas.com.
- ② The system will automatically search the devices in your current LAN.
- ③ Select the device you want to add and click “Connect”.

Step 2: Initialize the Device

- ① After adding the device, you will enter the initialization settings interface.
- ② In this interface, please complete the following operations:
Name the device: Name your device to ensure it's easy to identify and manage.
Create a local administrator account: Register a local administrator account for the device to manage the device.
Register and bind UGREEN Cloud account (optional): If you want to use additional functions, such as UGREENlink and Quick Login, you can choose to register a UGREEN Cloud account and bind your device. If not, you can choose to skip this step and use only the local account to log in to the device.
- ③ After completing the above operations, please check the update system option (required) and the device analysis improvement plan option (not required), then you can start using the device.

Note: If the device does not undergo the initialization process, its status will be displayed as “Not Initialized”.

Step 3: Set up Storage Mode

Enter the “UGREEN NAS” > “Storage Manager”, then you can set up storage mode and configure storage space.

Phones/Tablets & Other Devices—Binding & Settings

1. Application Download

Option 1: Scan the QR code below or the QR code on the device using your phone to install the “UGREEN NAS” app.

Option 2: Go to UGREEN’s official website (<https://nas.ugreen.com/download>), download and install the corresponding application.

Scan to install



2. Binding & Settings

Step 1: Add Device

- ① Please ensure that the NAS device and your phone or computer are on the same LAN.
- ② Open “UGREEN NAS”. The system will automatically search for devices. You can also add a device by

scanning the QR code on the bottom of the device.

- ③ Select the device you want to add and click “Connect”.

Step 2: Initialize the Device

① After adding the device, you will enter the initialization settings interface.

② In this interface, please complete the following operations:

Name the device: Name your device to ensure it's easy to identify and manage.

Create a local administrator account: Register a local administrator account for the device to manage the device.

Register and bind UGREEN Cloud account (optional): If you want to use additional functions, such as UGREENlink and Quick Login, you can choose to register a UGREEN Cloud account and bind your device. If not, you can choose to skip this step and use only the local account to log in to the device.

③ After completing the above operations, please check the update system option (required) and the device analysis improvement plan option (not required), then you can start using the device.

Note: If the device does not undergo the initialization process, its status will be displayed as “Not Initialized”.

Step 3: Set up Storage Mode

Enter the “UGREEN NAS” > “Storage Manager”, then you can set up storage mode and configure storage space.

Device Sharing

Option 1 (the invited user and NAS are on the same network):

The administrator logs in to “UGREEN NAS” > enters “Control Panel” > “User Management” > “Add” to create a new user account, and provides the account and password to the invited user; the invited user logs in to the “UGREEN NAS”, searches for the device via the LAN, then enters the account password to activate the account and bind the device.

Option 2 (the invited user and NAS are not on the same network):

Firstly, the administrator enables the UGREENlink online service, then logs in to the “UGREEN NAS”, enters “Control Panel” > “User Management” > “Invite” to enable the invitation settings, and copies the invitation link to the invited users. When invited users open the link, enter the account information, then they can apply to access the device.

Note: UGREENlink online service is an external network access service provided by “UGREEN NAS”, allowing you to access the app without needing to adjust complicated network settings.

Reset Network & Password

When the NAS device is turned on, use a pin-like object to insert and hold the “RESET” hole for 5 seconds until you hear the buzzer beeping. The device will not restart during the reset process. After the reset is complete, the solid white network indicators will turn on, indicating that the device is ready for use.

Please note that the reset will not affect the data stored in the hard drive. After successful resetting, you can log in to the system with the “admin” account and blank password (this account is specifically utilized for password resets). Once logged in, follow the step-by-step wizard to configure your administrator password.

Features Description

UGREENlink Service

An extranet access service provided by “UGREEN NAS”, allowing users to remotely access the NAS device under an external network environment. Once enabled, users can directly access data through the PC, browser, and mobile app without adjusting complicated network settings.

M.2 Capability Extension

After installing the M.2 SSD, users can set up a high-speed storage or use it as a cache to enhance read/write performance.

For detailed introduction and installation methods, please go to “UGREEN NAS” > “Help Center” > “Knowledge Center”.

PCIe Expansion

The PCIe expansion slot allows for the usage of various expansion cards, such as graphics cards, RAID controllers, network adapter, to expand application potential. Supports independent transmission via multi-channels and throughput for bandwidth-demanding tasks such as virtualization, massive data transmission, and fast backup/restoration.

10 Gigabit Ethernet Port

Built-in 10 Gigabit Ethernet port allows fast transfer speeds, empowers bandwidth-demanding applications, and enables simultaneous real-time access to large NAS-based files using multiple workstations (ideal for video editing and multimedia).

File Manager

A powerful tool that efficiently manages all files on your device, offering convenient functions for file sharing and uploading. File Manager also includes other practical features like flexible folder permission settings and remote server access, enhancing the convenience of your file management experience.

Sync & Backup

The sync function guarantees consistent data synchronization between the UGREEN NAS application and your entire device ecosystem: PCs, file servers, as well as other Ugreen NAS devices. Additionally, the comprehensive backup feature offers reliable data protection, minimizing the risk of accidental loss. Users have the flexibility to select backup targets according to their specific needs, such as the local UGREEN NAS device, file server, PCs, or phones, ensuring personalized backup requirements are met.

Album

Seamlessly manage and share precious moments through this intuitive album application. Rediscover the joy of browsing through old photos as Album enable effortless navigation through an extensive media and photographic library. Album also allows you to organize photos by categorizing the people in them and creating personalized albums. Keep all your cherished memories preserved for a lifetime and more.

Video Center


Video Center is a comprehensive film and television media service application designed exclusively for home users, offering an unparalleled multimedia experience. Seamlessly manage your personal collection of films and TV shows, create captivating poster walls, and easily project your favorite content onto TVs or projectors. Whether it is a special moment shared with loved ones or videos of a private getaway, the Video Center promises an unforgettable audio-visual adventure for all.

Music

A feature-rich application tailored for music enthusiasts. With the Music, easily organize and navigate through your musical collection, ensuring that all your favorite tracks are at your fingertips. Craft personalized playlists to suit any mood or occasion, for a fully immersive experience in superior sound quality.

Notices

- Please place the NAS device as referred to in the illustrations in this manual. Do not turn the device upside down, or place it upright while operating.
- Please put the NAS in an environment with a stable temperature and low humidity. Avoid direct sunlight or any liquids coming into contact with the device.
- In the event of a thunderstorm or inconsistent voltage, power off the device to avoid potential damage.
- Keep the device away from heat sources or humid environments to reduce the risk of fire or electric shock.
- Do not insert foreign objects into the NAS to avoid damage caused by abnormal use or short circuit.
- Please power off the NAS device before cleaning. When cleaning, use a moist wipe. Do not use chemicals or spray cleaners.
- Do not drop, squeeze, violently impact, or throw the NAS.
- This device contains small parts and pieces, please keep it out of reach of children to prevent choking due to unintended swallowing.
- Do not dismantle or fix the NAS device by yourself. Improper disassembly and assembly may cause electric shock or other safety hazards. If repair or replacement parts and/or accessories are required, please contact UGREEN customer service.

INGESTION HAZARD:	
<ul style="list-style-type: none">• INGESTION HAZARD: This product contains a button cell or coin battery.• DEATH or serious injury can occur if ingested.• A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.• KEEP new and used batteries OUT OF REACH of CHILDREN.• Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body.	

1. Remove and immediately recycle or dispose of used battery according to local regulations and keep away from children. Do NOT dispose of battery in household trash or incinerate.
2. Even used battery may cause severe injury or death.
3. If the battery has been accidentally swallowed or placed inside any part of the body, it may cause severe internal burns or other hazards. Call a local poison control center for treatment information.
4. This product contains a non-replaceable battery of the type CR2032 (3.0 Vdc).
5. Non-rechargeable battery is not to be recharged.
6. Do not force discharge, recharge, disassemble, heat above 85°C or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
7. Do not dismantle, open or shred secondary cells or batteries.
8. Do not expose battery to heat, fire, or direct sunlight.
9. Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
10. Do not subject cells or batteries to mechanical shock. In the event of a cell leaking, do not allow the liquid to

come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

11. Do not use any charger other than that specifically provided for use with the equipment.
12. Always purchase the battery recommended by the device manufacturer for the equipment.
13. Keep clean and dry.
14. Retain the original product literature for future reference.
15. Use only the cell or battery in the application for which it was intended.
16. Dispose of properly.
17. BATTERY WARNING: KEEP OUT OF REACH OF CHILDREN.
18. Do not ingest batteries as it can result in a Chemical Burn Hazard.
19. This product contains a coin/button cell battery. If the coin or button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
20. Example information on symptoms from battery ingestion:

No obvious symptoms

Unfortunately, it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe). There are no specific symptoms associated with this. The child might:

- cough, gag or drool a lot;
- appear to have a stomach upset or a virus;
- be sick;
- point to their throat or stomach;
- have a pain in their abdomen, chest or throat;
- be tired or lethargic;
- be quieter or more clingy than usual or otherwise "not themselves";
- lose their appetite or have a reduced appetite; and
- not want to eat solid food/be unable to eat solid food.

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.

A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood.

If the child does this seek immediate medical help.

The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

Specifications

Product Name	Network Attached Storage
Operating System	UGOS Pro
Processor	Intel i3-1215U 6-Core
Max Turbo Frequency	4.40GHz




Memory Types	SODIMM DDR5
Memory Capacity	8 GB-64 GB (depends on the actual configuration of the device model) / 64 GB (max memory size)
System Storage	128GB SSD
File System	Internal: ext4/Btrfs
	External: Btrfs/ext2/ext3/ext4/VFAT/exFAT/FAT16/FAT32/NTFS/XFS
	Internal non-“UGREEN NAS” storage pool: Btrfs/ext2/ext3/ext4/VFAT/exFAT/FAT16/FAT32/NTFS/XFS
Storage Mode	JBOD/Basic/RAID 0/RAID 1/RAID 5/RAID 6/RAID 10
Supported Drive	6×2.5-inch/3.5-inch SATA hard drive
	2×M.2 NVMe 2280 SSD
PCIe Slot	PCIe x8/x4/x1
Video Port	1×HDMI, 4K (Smooth playback of 8K videos requires an extra memory module installed)
RJ45 Ethernet Port	1×2.5GbE Supports 10Mbps/100Mbps/1000Mbps/2.5Gbps auto-negotiation 1×10GbE Supports 10Mbps/100Mbps/1000Mbps/2.5Gbps/5Gbps/10Gbps auto-negotiation
USB Port	2×Type-C USB 3.2 Gen 2, theoretical transfer rate of up to 10Gbps 2×USB 3.2 Gen 2, theoretical transfer rate of up to 10Gbps 2×USB 2.0, theoretical transfer rate of up to 480Mbps
SD Card Slots	1×SD 4.0, theoretical transfer rate of up to 312MB/s
Power Input	100-240V~ 50/60Hz 5.0A Max
Compatible Systems	Phone: Android 7.0/iOS 15 or later Computer: Windows 7 SP2 or later/macOS High Sierra 10.13.6 or later
Working Environment	Temperature: 0°C~40°C/32°F~104°F Humidity: 5% to 95%
Product Dimensions	L294×W258×H189 (mm)/L11.6×W10.2×H7.4 (inch)





[UGREEN DXP6800 Plus Network Attached Storage](#) [pdf] Instruction Manual
DXP6800 Plus Network Attached Storage, DXP6800, Plus Network Attached Storage, Network Attached Storage, Attached Storage, Storage

References

-  [UGREEN WebFind](#)
-  [App Download | UGREEN NAS – UGREEN NAS US](#)
-  [_____](#)
- [User Manual](#)

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