

UGREEN
UGREEN
NASync
DXP480T Plus
Network
Attached
Storage



UGREEN NASync DXP480T Plus Network Attached Storage User Manual

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UGREEN NASync DXP480T Plus Network Attached Storage



NASync DXP480T Plus Network Attached Storage



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Note: Images and information may vary due to product improvements, please refer to the actual product. If necessary, please contact us to obtain the latest version of the manual.

Next-Level Storage.
Limitless Possibilities.

About the DXP480T Plus

A network-attached storage device designed for home and personal users. The UGREEN DXP480T Plus works as an intelligent data management center where users can store and access data via smartphones, laptops, tablets, and TVs anywhere there is network access. Utilizing a faster and more responsive all-flash storage solution and future-proof Thunderbolt 4 ports, the DXP480T Plus takes data storage, management, or access to the next level,

Instructions Before Use

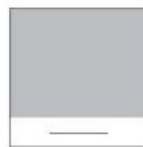
In order to ensure data transmission efficiency, it is recommended to use a router or switch with 10-Gigabit LAN ports or higher and to connect the NAS using the included Ethernet cable (CAT 7 or higher),

- It is recommended to use new M.2 SSD 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 adapter, or a safety-certified power adapter, that meets the power specifications for this device,
- Do not insert or remove 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.

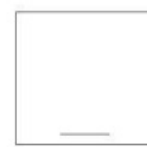
Package Contents



1×Network Attached Storage



1×User Manual



1×Warranty Card



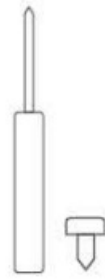
1×Power Adapter
(20V/7A)



1×Ethernet Cable
(CAT7)

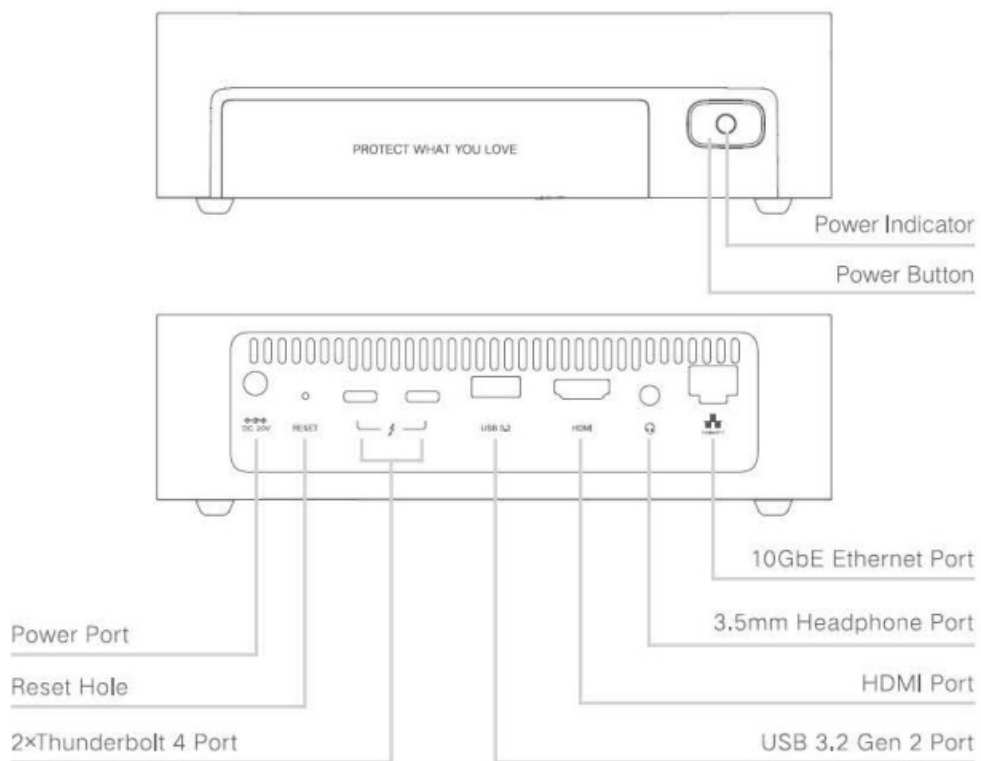


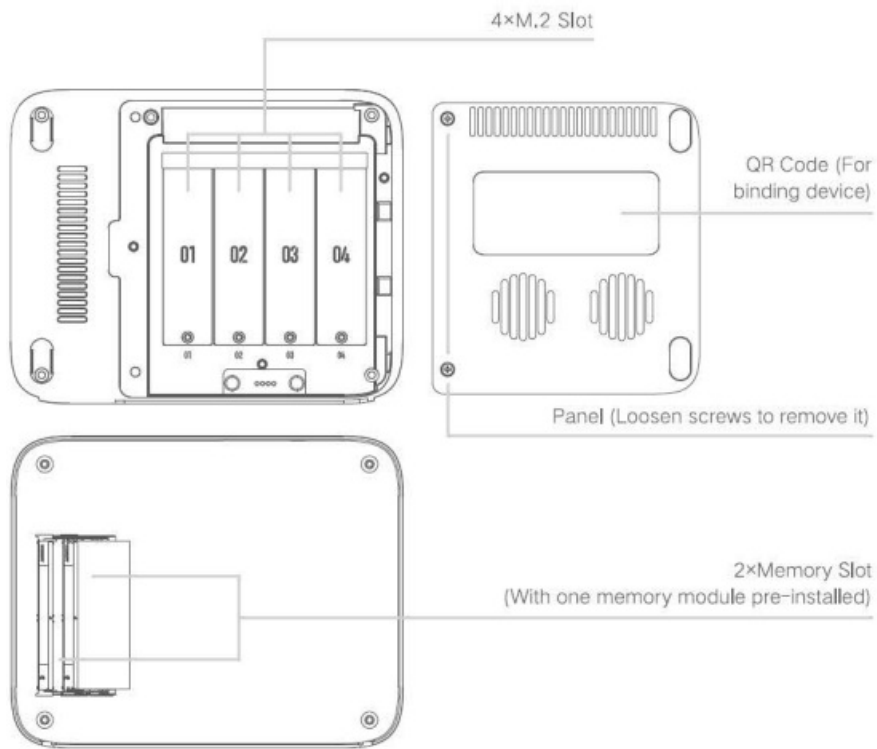
4×SSD Silicone Pad
(For Thermal Conduction)



Screws &
Screwdriver

Product Overview



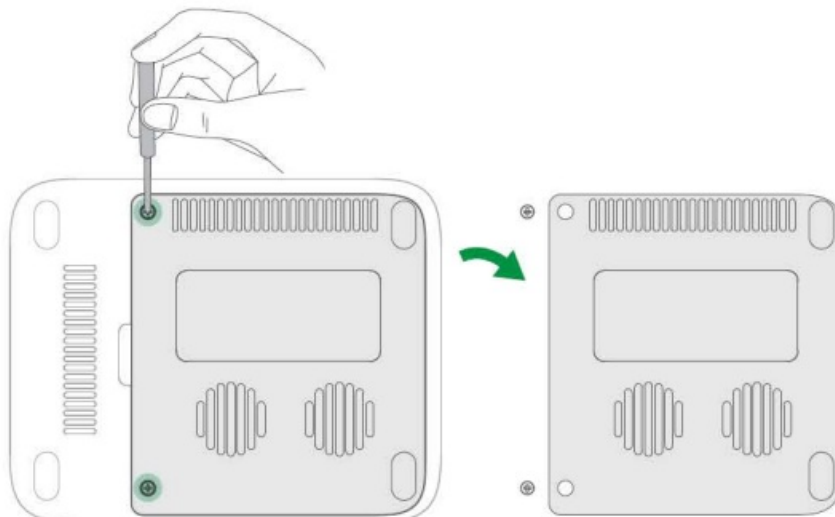


Warning

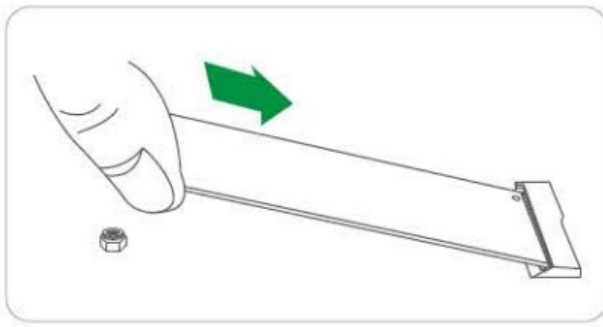
Before inserting or removing any M.2 SSDs/memory module, please power off the system completely: turn off NAS and disconnect it from power supply.

Installing M.2 Drives

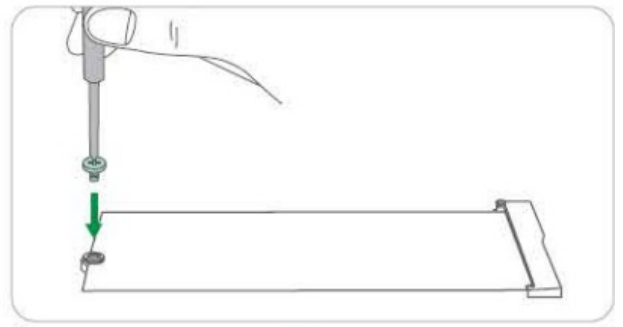
1. Power off the NAS device, then turn it over. Loosen the screws, remove the bottom panel.



2. Unscrew the M12 fixing screws, Insert M.2 SSD into the slot in the direction as shown in the image, then tighten the screws.

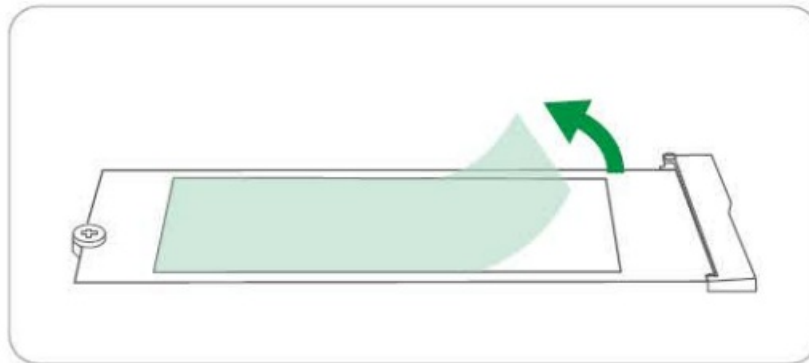


a

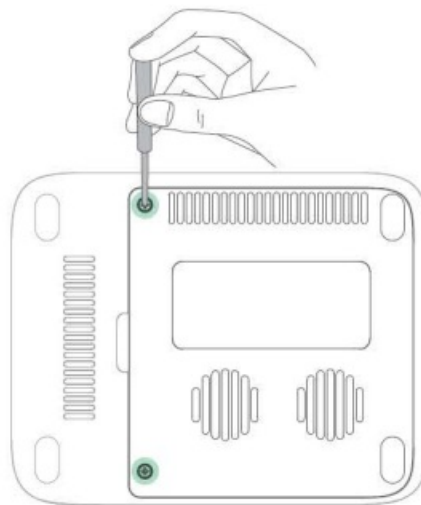


b

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

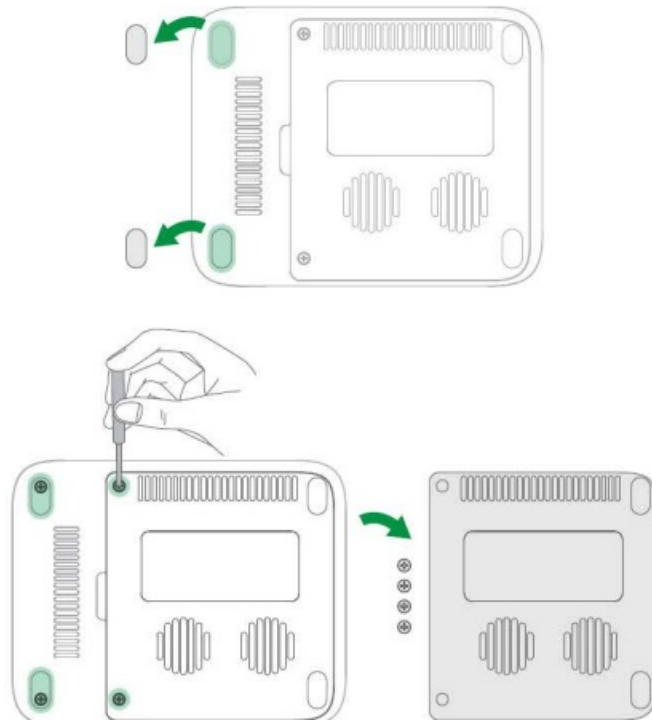


4. Reinstall the panel and tighten the screws.

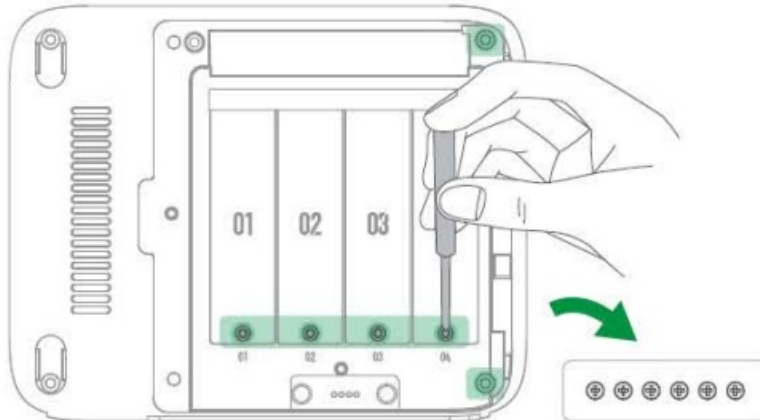


Installing Memory Modules

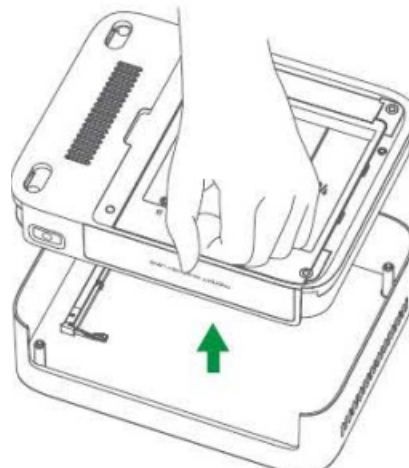
1. Power off the NAS device, then turn it over. Remove the bottom feet as shown in the image and loosen the screws under the bottom feet and the screws on the bottom panel, then remove the panel.



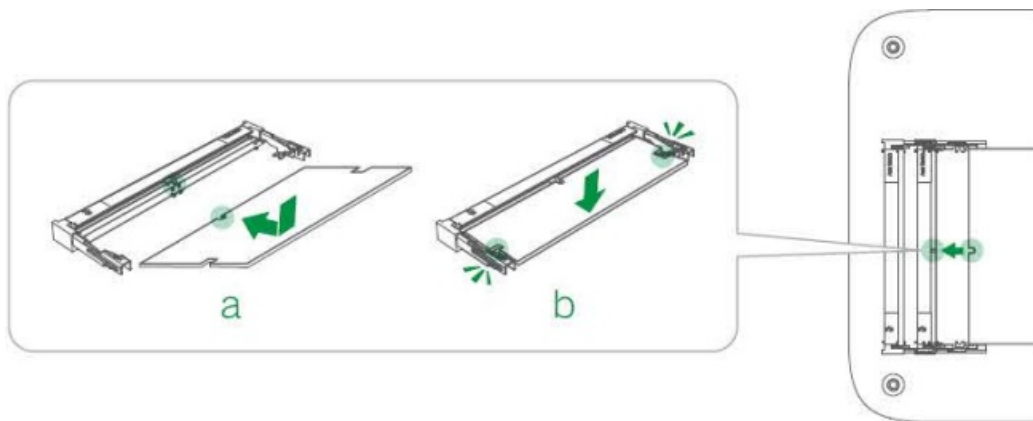
2. Loosen the fixing screws of the case and the fixing screws of M.2 drives, then remove all the drives.



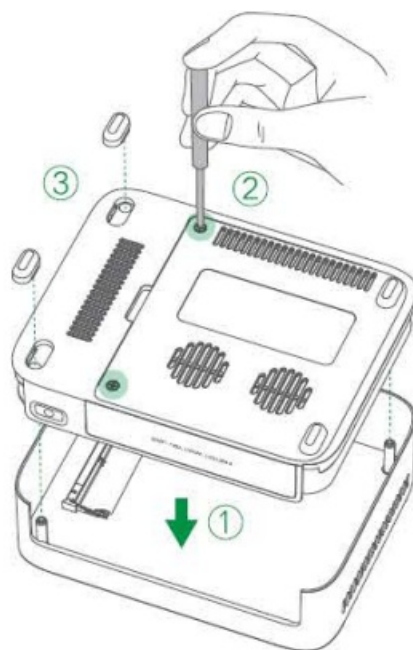
3. Remove the bottom case.



4. Align the notch on the pins of the module with the corresponding ridge in the slot. Insert the memory module into the slot, Gently push down the memory module to ensure it is properly inserted.



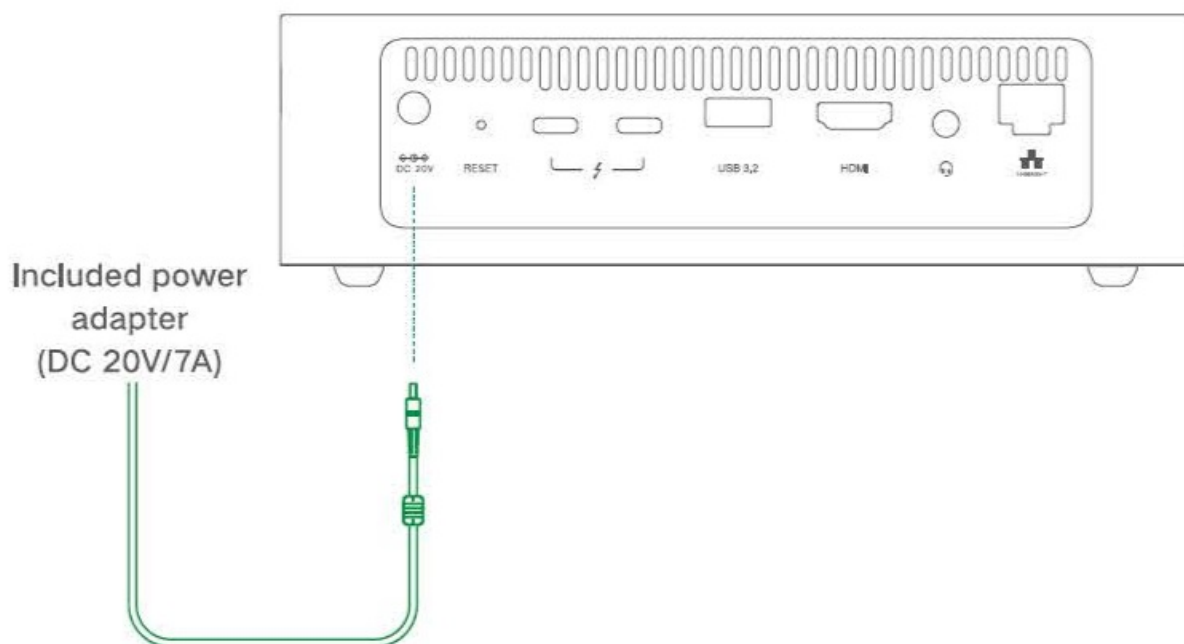
5. Reinstall the bottom case and panel, tighten the screws, and reinstall the foot.



Powering On

Connect the power adapter 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

To avoid potential fires, explosions, or other electrical hazards, please do NOT use non-Ugreen power adapters or uncertified power adapters.

Indicator

LED	Color	Status	Description
Power Indicator	White	Static	Working properly
		Flashing (once per 0.5s)	Powering off
	Orange	Slow flashing (once per 1s)	Device error

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 (CAN), then visit the URL: find.ugnas.com.
2. The system will automatically search the devices in your current CAN.
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 is 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) i then you can start using the

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

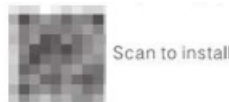
Step 3: Set up Storage Mode

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



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.

Network Configuration Options (Choose One)

1. Wired Connection (Recommended)

Use Ethernet cable to connect NAS to a LAN port on a router.

2. Wi-Fi Connection

1. Ensure the NAS is connected to the wired network and has been bound to your device.
2. Log in to the “UGREEN NAS” App > “Control Panel” > “Network Setting” > click “Wireless Network Card

Name” to enter network connection page.

3. Select the desired wireless network and enter the password in “Network Connection”. Check “Remember This Network” and “Auto-join” for automatic connection later.
4. Click “OK” to complete the settings,

Note: The NAS system will give priority to the wired network when the device connects to wired and wireless networks simultaneously.

RAID Modes

RAID Type	Description	Number of Drives
JBOD	Requires at least 2 drives. Available capacity is equal to the total capacity of all member hard drives. No data redundancy is provided. If any drive fails, all of the data cannot be restored.	≥ 2
Basic	Requires only 1 drive. Available capacity is equal to the capacity of the hard drive. No data redundancy is provided. If the hard drive fails, all of the data cannot be restored.	1
RAID 0	Requires at least 2 drives. Available capacity is equal to the total capacity of all member hard drives. In RAID 0, data are divided into blocks and split across multiple drives; therefore, theoretical read/write speed is n times that of a single drive. If any drive fails, all of the data cannot be restored.	≥ 2
RAID 1	Requires at least 2 drives. In RAID 1, data are mirrored on all drives. The volume of the smallest member drive determines the total capacity of the storage pool. If the number of failed hard drives does not exceed 1, the lost data can be restored by replacing the failed hard drive.	≥ 2
RAID 5	Requires at least 3 drives. The total capacity of a RAID 5 group is equal to (number of hard drive-1) × volume of the smallest member drive. If the number of failed hard drives does not exceed 1, the lost data can be restored by replacing the failed hard drive.	≥ 3
RAID 6	Requires at least 4 drives. RAID 6 features an extra drive to store verification information based on the RAID 5. The total capacity of a RAID 6 group is equal to (number of hard drive-2) × volume of the smallest member drive. If the number of failed hard drives does not exceed 2, the lost data can be restored by replacing the failed hard drives.	≥ 4
RAID 10	Requires at least 4 drives, and the total number of hard drives should always be an even number. The total capacity of a RAID 10 group is equal to (number of hard drive/2) × volume of the smallest member drive. If the number of failed hard drives does not exceed 2, the lost data can be restored by replacing the failed hard drives.	≥ 4 (Requires to be an even number)

Tip

In J BOD storage mode, failure of a single hard drive amounts to storage failure for all drives. The capacity of new hard drive that used to replace the failed drive must be larger than the capacity of the smallest drive in RAID 1/5/6/10 storage configurations.

- When the number of failed hard drives exceeds the number allowed by selected mode, all data in the corresponding storage pool will be lost and cannot be recovered-
- It is recommended for beginners to start with the RAID 5 mode. An appropriate RAID mode can be selected later based on preferred needs.

Notice!

If the system prompts you to format the hard drive when configuring storage space, please back up all the important data in advance. After formatting, all data in the storage space will be removed and cannot be restored.

Device Sharing

- Option 1 (the invited user and NAS are on the same network): The administrator logs in to ‘IUGREEN NAS’ > enters n Control Panel” > “Iuser Management’ > ‘i 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: I-JGREENlink 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 5s 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. After enabling, users can directly access data through the PC, browser, and mobile app without adjusting complicated network settings. Thunderbolt 4 Port for Faster Transmission The Thunderbolt 4 ports on DXP480T Plus deliver up to 40Gbps of bidirectional bandwidth, making data migration or storage capacity expansion a breeze.

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 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 enables 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.

WARNING


- This product contains a built-in Lithium Manganese Dioxide battery. Do not dismantle, crush, squeeze, or expose it to fire.
- Do not expose this product to excessive temperatures.
- Please keep this product out of reach from children.
- If the battery has been accidentally swallowed or placed inside any part of the body, it may cause severe internal burns or other hazards. Seek medical attention immediately.
- Do not charge the battery. If the battery is low, promptly replace it. When replacing the battery, ensure the battery polarity is not reversed.
- If battery leakage occurs, avoid contact with skin or eyes. In case of contact with skin or eyes, rinse with water and seek medical attention immediately.
- Keep depleted batteries out of reach from children, and dispose of or recycle it properly in accordance to local laws and regulations.



Specifications

Product Name	Network Attached Storage
Model	DXP480T Plus
Operating System	UGOS Pro
Processor	Intel i5-1235U 10-core
Max Turbo Frequency	4.40GHz
Memory Types	SODIMM DDR5
Memory Capacity	8GB/64GB (max memory size)
System Storage	128GB SSD
Supported Drive	4×NVMe 2280 SSD
File System	Internal: ext4/Btrfs
	External: Btrfs/ext3/ext4/FAT16/FAT32/exFAT/HFS Plus/NTFS/XFS
	Internal non-"UGREEN NAS" storage pool: Btrfs/ext3/ext4/FAT16/FAT32/exFAT/HFS Plus/NTFS/XFS
Video Port	1×HDMI, 4K (Smooth playback of 8K videos requires an extra memory module installed)
RJ45 Ethernet Port	1×10GbE Support 10Mbps/100Mbps/1000Mbps/2.5Gbps/5Gbps/10Gbps auto-negotiation
Wi-Fi Protocols	Wi-Fi 6, supports 5GHz and 2.4GHz
USB Port	2×Thunderbolt 4, supports theoretical transfer rate of up to 40Gbps 1×USB 3.2 Gen 2, supports theoretical transfer rate of up to 10Gbps
Power Source Specification	20V/7A
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	L179×W142×H52 (mm)/L7.0×W5.6×H2.0 (inch)

Documents / Resources

 UGREEN STORAGE STORAGE STORAGE STORAGE STORAGE STORAGE STORAGE STORAGE STORAGE	UGREEN NASync DXP480T Plus Network Attached Storage [pdf] User Manual 2AQI5-DXP480T, 2AQI5DXP480T, dxp480t, NASync DXP480T Plus Network Attached Storage, NASync DXP480T, Plus Network Attached Storage, Network Attached Storage, Attached Storage, Storage
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References

- [User Manual](#)