UGREEN DXP4800 Plus

UGREEN NASync DXP4800 Plus 4-Bay Desktop NAS User Manual

Model: DXP4800 Plus
Brand: UGREEN

Introduction

The UGREEN NASync DXP4800 Plus is a high-capacity 4-bay desktop Network Attached Storage (NAS) device designed for centralized data storage, automatic backups, and secure remote access. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your NAS device, ensuring optimal performance and data security.

Key features include:

- **User-Friendly App:** Simple setup and easy file-sharing across Windows, macOS, Android, iOS, web browsers, and smart TVs, providing secure access from any device.
- **Centralized Storage:** Offers a superior way to store data compared to external drives, with automatic backups and a wide range of RAID options for easy data recovery.
- **Massive Storage Capacity:** Supports up to 136TB capacity, allowing storage of millions of photos or thousands of movies.
- **Super-Fast Transfers:** Achieves rapid data transfer speeds, backing up 1GB in less than a second using either the 10GbE network port or the 10Gbps USB ports.
- **Secure Private Cloud:** Ensures 100% data ownership with advanced encryption and flexible permission management for enhanced privacy.

Product Overview

The UGREEN NASync DXP4800 Plus is a robust 4-bay NAS enclosure designed for efficient data management. It comes bundled with a 6.6FT 8K HDMI Cable for high-resolution display connectivity.



Image: The UGREEN NASync DXP4800 Plus 4-bay desktop NAS unit shown alongside the included 6.6FT 8K HDMI cable.



Image: A detailed front view of the UGREEN NASync DXP4800 Plus, highlighting the four accessible drive bays.

Components

- UGREEN NASync DXP4800 Plus 4-Bay NAS Enclosure
- Power Adapter
- Ethernet Cable
- 6.6FT 8K HDMI Cable
- Quick Start Guide (refer to this manual for detailed instructions)

Setup

Follow these steps to set up your UGREEN NASync DXP4800 Plus.

1. Installing Hard Drives

1. Ensure the NAS is powered off and disconnected from the power source.
2. Locate the drive bays on the front of the NAS.
3. Gently pull the drive trays out of the bays.
4. Mount your 3.5-inch or 2.5-inch SATA hard drives (HDDs) or solid-state drives (SSDs) onto the trays using the provided screws.
5. Slide the loaded trays back into the NAS bays until they click into place.



Image: The front of the NAS showing the four numbered drive bays, ready for drive installation.

2. Connecting the NAS

1. Connect one end of the Ethernet cable to the 10GbE or 2.5GbE network port on the back of the NAS.
2. Connect the other end of the Ethernet cable to your router or network switch.
3. Connect the power adapter to the DC 12V port on the back of the NAS and plug it into a power outlet.
4. Press the power button on the front of the NAS to turn it on.



Image: The rear panel of the NAS, displaying the various ports including 2.5GbE, 10GbE, USB 3.2, USB 2.0, HDMI, and the DC 12V power input.

3. Initial Software Configuration

1. Once the NAS is powered on and connected to your network, use a computer connected to the same network to access the NAS.
2. Refer to the Quick Start Guide or the UGREEN official website for instructions on downloading and installing the UGREEN NASync application or accessing the web interface.
3. Follow the on-screen prompts to initialize the storage, create RAID configurations (e.g., RAID 0, 1, 5, 6, 10, JBOD, Single Disk), and set up user accounts and permissions.

OPERATING

This section covers the primary functions and operations of your UGREEN NASync DXP4800 Plus.

File Management and Sharing

The NASync application and web interface provide intuitive tools for managing your files. You can create shared folders, set access permissions for different users, and easily share files across various devices and operating systems (Windows, macOS, Android, iOS).

Data Backup and Recovery

Utilize the NAS for automatic backups of your devices. The RAID configurations provide data redundancy, protecting your data even if one or more drives fail (depending on the RAID level). In case of a drive failure, the system will guide you through the recovery process.



Image: A comparison table illustrating the advantages of UGREEN NAS over external hard drives, specifically highlighting remote access, automatic backup, and expansion capabilities.

Remote Access

Configure remote access through the NASync application to securely access your files from anywhere with an internet connection. This feature allows you to stream media, access documents, and manage your NAS on the go.

High-Speed Data Transfers

Leverage the 10GbE network port and 10Gbps USB ports for ultra-fast data transfers. This is ideal for large file transfers, 4K/8K video editing, and quick backups.

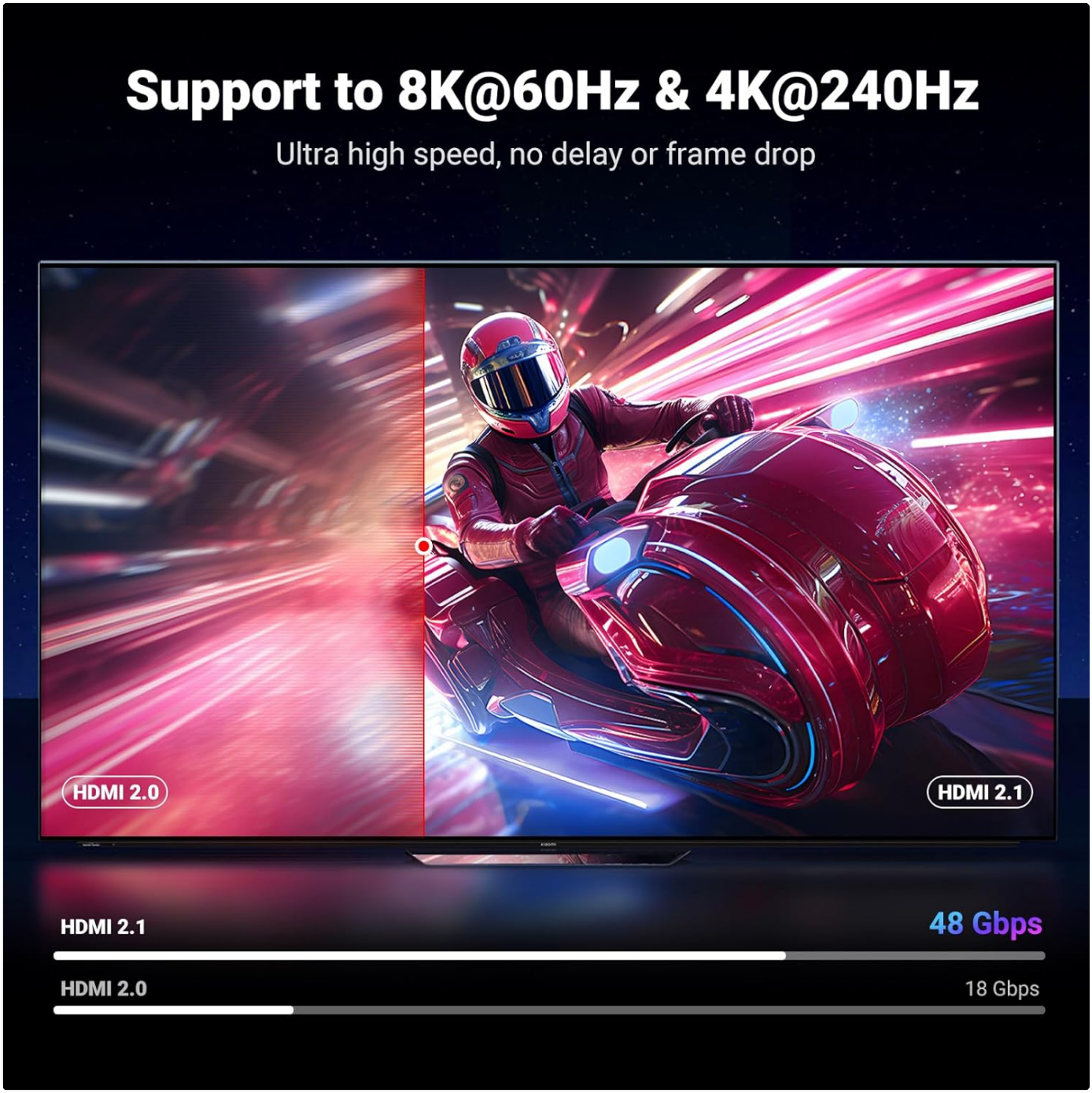


Image: An illustration demonstrating the significant speed difference between 1GbE (125MB/s) and 10GbE (1250MB/s) connections for data transfer, emphasizing the NAS's capability for super-fast transfers.

Massive Storage Capacity

With support for up to 136TB of storage, the DXP4800 Plus provides ample space for all your digital content, from extensive photo libraries to large video collections.



Image: The UGREEN NASync DXP4800 Plus unit with a prominent overlay indicating "136TB" capacity, surrounded by various media icons, signifying its capability to store vast amounts of data. Note: Storage drives are sold separately.

HDMI Cable Usage

The included 6.6FT 8K HDMI Cable is certified for HDMI 2.1, supporting resolutions up to 8K@60Hz and 4K@240Hz. This cable is ideal for connecting your NAS (if it has an HDMI output for direct display) or other compatible devices to a high-resolution monitor or TV for an immersive viewing or gaming experience.



Image: A close-up view of the UGREEN 8K HDMI cable, highlighting its braided design and the 8K HDMI branding on the connectors.



Image: The UGREEN 8K HDMI cable displayed next to a certification document, emphasizing its HDMI 2.1 certification and Ultra High Speed capabilities.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your NAS.

Cleaning

- Regularly clean the exterior of the NAS with a soft, dry cloth.
- Ensure ventilation openings are free from dust and obstructions to prevent overheating. Do not use liquid cleaners or aerosols directly on the device.

Firmware Updates

Periodically check for and install firmware updates through the NASync application or web interface. Firmware updates often include performance improvements, security patches, and new features.

Drive Health Monitoring

Monitor the health of your installed hard drives using the NASync software. Replace any drives that show signs of degradation or failure promptly to maintain data integrity and system performance.

Troubleshooting

This section addresses common issues you might encounter with your UGREEN NASync DXP4800 Plus.

No Power

- Ensure the power adapter is securely connected to both the NAS and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

Cannot Access NAS on Network

- Check that the Ethernet cable is securely connected to both the NAS and your router/switch.
- Ensure your computer is on the same network as the NAS.
- Restart your router, NAS, and computer.
- Verify that your firewall settings are not blocking access to the NAS.

Drive Error Indicators

- If a drive indicator light shows an error (e.g., blinking red), check the NASync software for detailed information on the drive status.
- If a drive has failed, replace it according to the instructions in the NASync software to allow the RAID array to rebuild.

Slow Data Transfer Speeds

- Ensure you are using a Gigabit Ethernet or 10 Gigabit Ethernet connection for optimal speeds.
- Check network cable quality and ensure they are Cat5e or higher for Gigabit, and Cat6a or higher for 10 Gigabit.
- Verify that your router/switch supports the desired network speeds.
- Consider network congestion or background tasks on the NAS that might be affecting performance.

Specifications

Feature	Specification
Brand	UGREEN
Model	NASync DXP4800 Plus
Color	Grey
Material	Metal
Mounting Type	Rack Mount, Tabletop
Drive Bays	4
Max. Storage Capacity	Up to 136TB (drives sold separately)

Feature	Specification
Network Ports	10GbE, 2.5GbE
USB Ports	10Gbps USB ports, USB 2.0
Video Output	HDMI
Included Cable	6.6FT 8K HDMI Cable (HDMI 2.1 Certified)
Assembly Required	No (for NAS unit, drive installation required)
Date First Available	September 11, 2024

Warranty and Support

UGREEN products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please visit the official UGREEN website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

UGREEN Official Website: www.ugreen.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question