UGREEN DXP4800 Plus

UGREEN NASync DXP4800 Plus 4-Bay NAS User Manual

Model: DXP4800 Plus | Brand: UGREEN

1. Introduction

The UGREEN NASync DXP4800 Plus is a high-performance 4-bay Network Attached Storage (NAS) device designed for centralized data storage, automatic backups, and remote access. Featuring an Intel Pentium Gold 8505 processor, 8GB DDR5 RAM, 128GB SSD, and versatile connectivity including 10GbE and 2.5GbE ports, it offers a robust solution for managing your digital assets. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your NAS device.



Figure 1: UGREEN NASync DXP4800 Plus 4-Bay NAS. This image displays the front view of the NAS unit, highlighting its four drive bays.

The NAS provides significant advantages over external drives, including centralized storage, automatic backups, remote access, and advanced RAID options for data recovery. It supports a massive storage capacity of up to 136TB, allowing for extensive media and document storage.



Figure 2: Comparison of NAS features versus external hard drives. This graphic illustrates the benefits of a UGREEN NAS, such as remote access, automatic backups, and high extensibility, compared to external drives.

2. Package Contents

Verify that all items are present in the package before proceeding with the setup:

- UGREEN NASync DXP4800 Plus Unit x1
- Warranty Card x1
- User Manual x1
- Ethernet Cable (CAT 7) x1

- Hard Drive Tray Keys x2
- Power Adapter (DC 12V/5A) x1
- Silicone Dampers for SSD x2
- Screws and Screwdriver x1



Figure 3: Included accessories with the UGREEN NASync DXP4800 Plus. This image shows the NAS unit along with its power adapter, Ethernet cable, user manual, warranty card, drive keys, SSD dampers, screws, and screwdriver.

3. Hardware Overview

Front Panel

- **Drive Bays (01-04):** Slots for installing 3.5-inch or 2.5-inch hard drives/SSDs.
- **Power Button:** To power on/off the device.

- **LED Indicators:** Status lights for power, LAN, and individual disk activity.
- **SD Card Slot:** For direct media import.
- **USB-C Port (10Gb/s):** For connecting external devices.
- **USB-A Port (10Gb/s):** For connecting external devices.

Rear Panel

- **HDMI (4K) Port:** For direct display output.
- **USB 2.0 Ports (x2):** For connecting peripherals.
- **USB-A Port (5Gb/s):** For connecting external devices.
- **10GbE LAN Port:** High-speed network connection.
- **2.5GbE LAN Port:** Standard network connection.
- **Reset Button:** For system reset.
- **DC 12V Power Input:** Connect the power adapter here.



Figure 4: Detailed view of the front and rear ports. This diagram labels all available ports on the UGREEN NASync DXP4800 Plus, including USB, HDMI, Ethernet, and SD card slots.

4. Setup

4.1 Installing Hard Drives/SSDs

The UGREEN NASync DXP4800 Plus supports up to four 3.5-inch or 2.5-inch SATA hard drives or SSDs. Storage drives are not included and must be purchased separately. Refer to the compatibility list for supported third-party drives (Western Digital, Seagate, Toshiba, etc.).

1. **Open Drive Bays:** Use the provided keys to unlock and open the drive trays.
2. **Install Drives:** Securely mount your 3.5-inch HDDs or 2.5-inch SSDs into the trays using the included screws. For 2.5-inch SSDs, use the silicone dampers if necessary.
3. **Insert Trays:** Slide the loaded trays back into the NAS bays until they click into place.

4.2 Initial Power-On and Network Connection

1. **Connect Power:** Plug the power adapter into the DC 12V input on the rear panel and then into a power outlet.
2. **Connect Network:** Use the provided CAT 7 Ethernet cable to connect one of the LAN ports (10GbE or 2.5GbE) on

the NAS to your router or network switch.

3. **Power On:** Press the power button on the front panel. The NAS will begin its startup sequence.

4.3 Software Installation (UGREEN OS)

The NAS comes with the UGREEN OS pre-installed on an internal flash memory. Initial setup and configuration are performed via a web browser on a connected computer.

1. **Access NAS:** On a computer connected to the same network, open a web browser and navigate to the NAS's IP address or use the UGREEN NAS utility to discover the device.
2. **Follow On-Screen Instructions:** The UGREEN OS setup wizard will guide you through creating an administrator account, configuring storage volumes (including RAID options), and performing initial system updates.
3. **Install Mobile App:** Download the UGREEN NAS app for Windows, macOS, Android, or iOS for convenient management and file access.



Figure 5: Simplified setup and user interface. This image shows a laptop displaying the UGREEN NAS welcome screen and a smartphone running the UGREEN NAS mobile application, illustrating the ease of setup and file management.

5. Operating the NAS

5.1 Data Storage and Management

The NAS provides centralized storage for all your files. With support for various RAID configurations (RAID 1, 5, 6, 10), your data is protected against single or multiple drive failures, ensuring easy data recovery.



Figure 6: Massive storage capacity. This image highlights the potential for up to 136TB of storage on the UGREEN NASync DXP4800 Plus, suitable for a large volume of photos and videos.

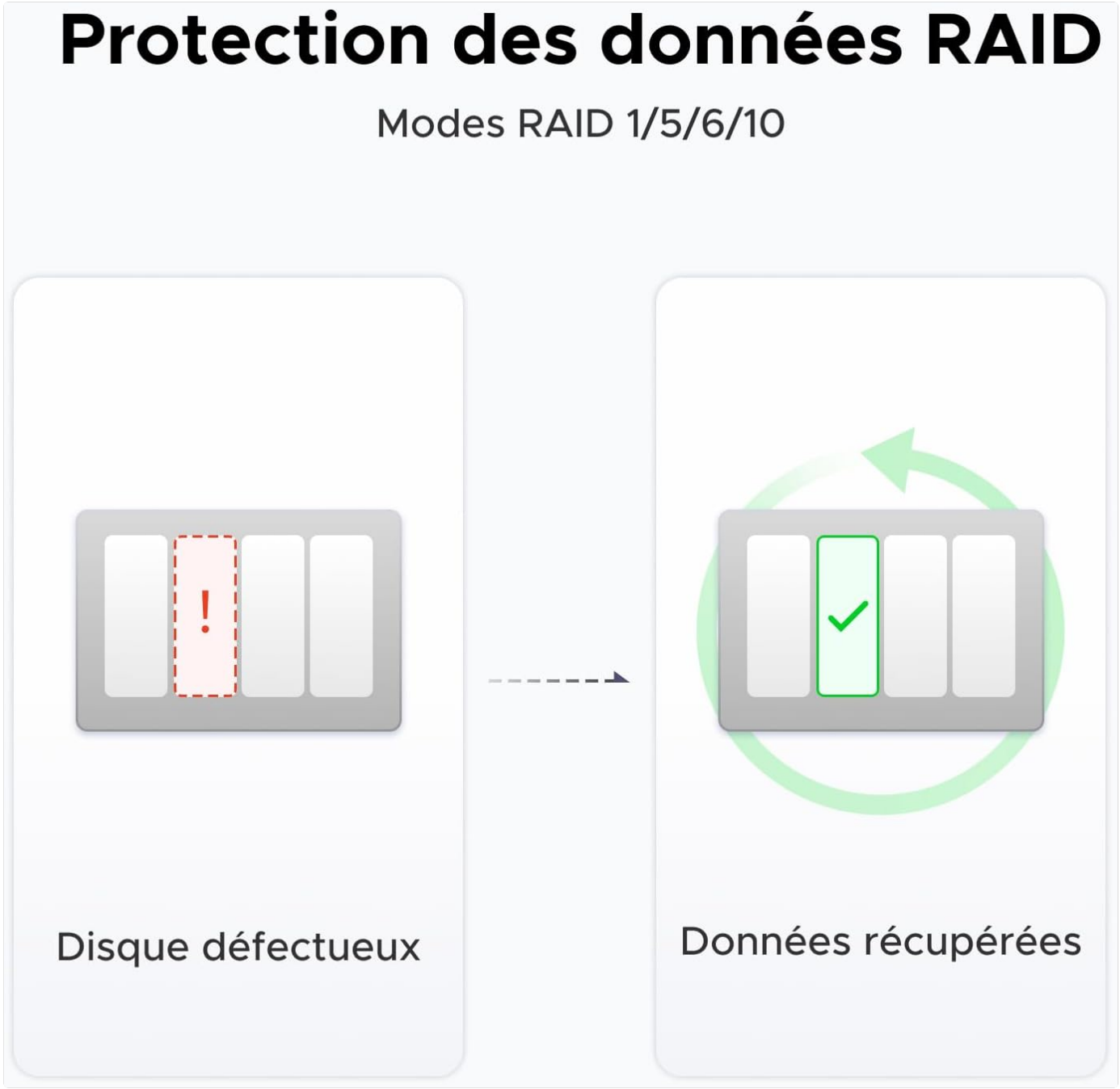


Figure 7: RAID data protection. This graphic demonstrates how RAID modes protect data, showing a scenario where a defective disk is replaced and data is recovered.

5.2 High-Speed Data Transfer

Experience ultra-fast data transfers with the 10GbE network port and 10Gbps USB ports. Back up 1GB of data in less than a second, significantly faster than standard 1GbE connections.



Figure 8: Ultra-fast data transfers. This image illustrates the speed difference between 10GbE (1250 MB/s) and 1GbE (125 MB/s) connections, showing two Ethernet cables connected to the NAS.

The NAS also features two M.2 NVMe SSD slots for high-speed cache, further boosting read and write performance.

Model	DXP2800	DXP4800	DXP4800Plus
Paski dysków	2	4	4
Pojemność składowania	76TB	136TB	136TB
Model procesora CPU	Intel N100	Intel N100	Intel Gold 8505
Specyfikacja procesora CPU	4 kärnor & 4 trådar	4 Core & 4 Threads	5 rdzenie & 6 wątków
Maksymalna częstotliwość turbo	3.40 GHz	3.40 GHz	4.40 GHz
TDP	6W	6W	15W
Pamięć RAM	8Go DDR5 (16Go Max)	8Go DDR5 (16Go Max)	8Go DDR5 (64Go Max)
Porty sieciowe LAN (RJ45)	1x 2.5GoE	2x 2.5GoE	1x 10GoE, 1x 2.5GoE
NVMe-slotar	2	2	2



Figure 9: M.2 NVMe SSD cache. This image highlights the two M.2 NVMe SSD slots on the underside of the NAS, indicating their role in enhancing performance.

5.3 Private Cloud and Data Security

Maintain full ownership of your data with advanced encryption protocols. The NAS provides a secure private cloud environment, protecting your files and privacy. Flexible permission management facilitates secure collaboration.

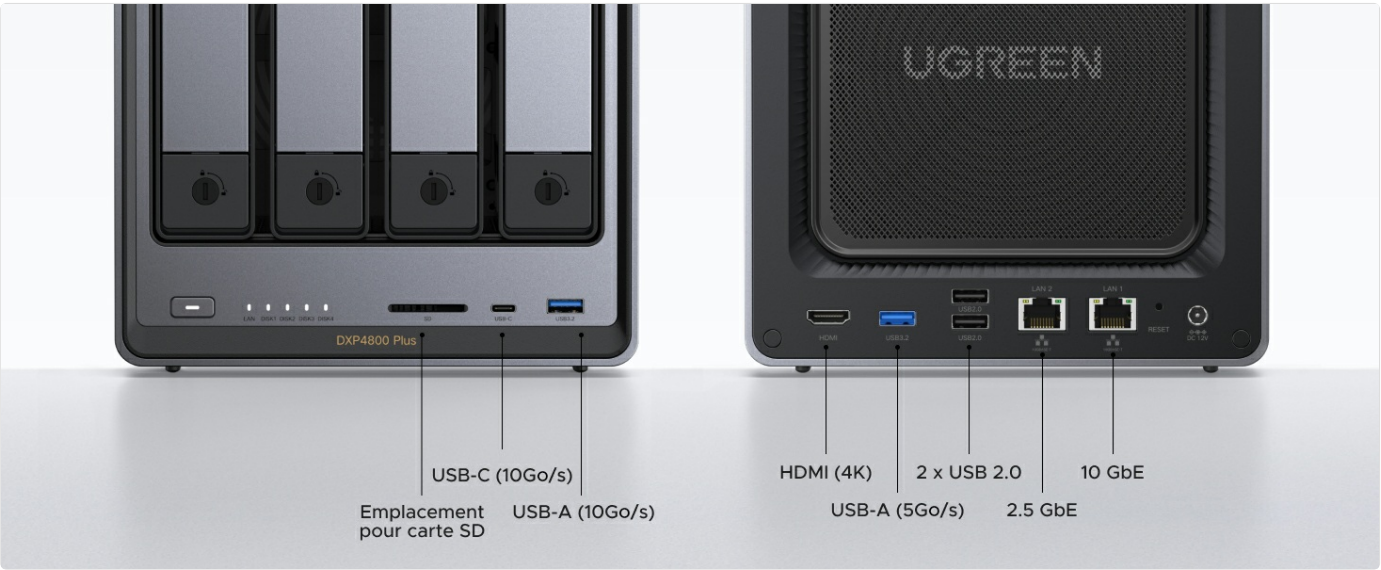


Figure 10: Your private cloud, your data under control. This graphic emphasizes data security through encryption, real-time antivirus, flexible permissions, and local storage control.

5.4 AI Photo Album

The intelligent AI photo album automatically categorizes your photos by recognizing faces, scenes, objects, and locations. It also helps eliminate duplicate images to free up storage space and save time.

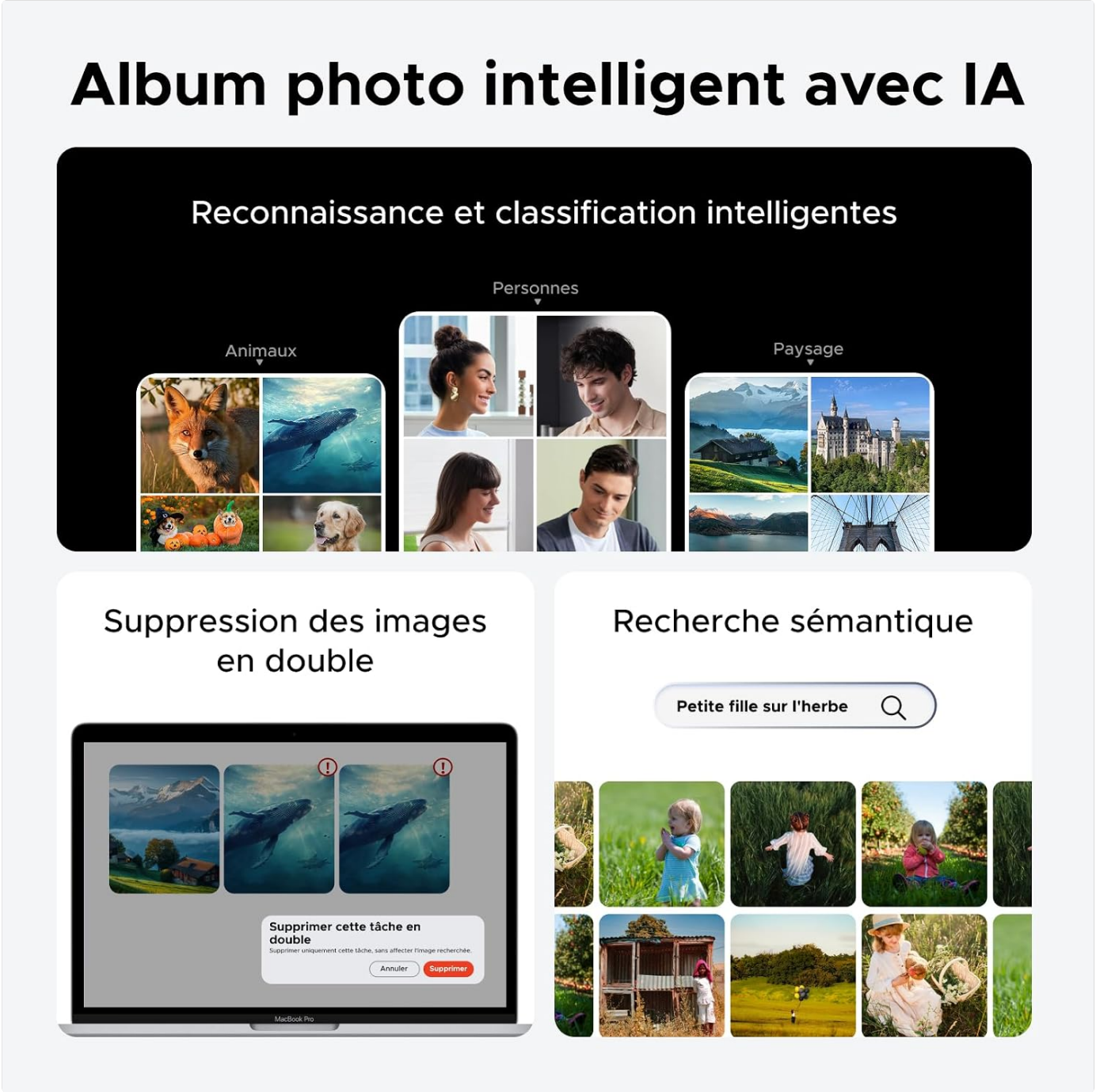


Figure 11: Intelligent AI photo album. This image illustrates the AI's capabilities in recognizing and classifying photos by animals, people, and landscapes, as well as detecting and suggesting removal of duplicate images.

5.5 User-Friendly Application

Manage your NAS with ease using the intuitive UGREEN NAS application. It supports Windows, macOS, Android, iOS, web browsers, and smart TVs, providing secure access from any device.



Figure 12: User-friendly application. This image displays the UGREEN NAS application interface across various categories like entertainment, office, advanced settings, and download/management, indicating multi-platform support.

5.6 Multimedia Hub

Store all your films in one secure location and automatically sort them. Connect an HDMI cable to enjoy stunning 4K 60Hz playback with your family and friends directly from the NAS.



Figure 13: Your 4K home multimedia hub. This image shows the NAS connected to a large screen TV, with people enjoying media, illustrating its function as a central multimedia server.

5.7 Advanced Functionalities

Unlock more advanced features by running Windows, Linux, and other operating systems via virtual machines, or utilize Docker to deploy applications such as video surveillance for home security.



Figure 14: Unlock even more advanced functionalities. This image shows interfaces for a virtual machine running Windows 11 and a Docker container, demonstrating the NAS's capability to host various applications.

6. Maintenance

6.1 Cooling and Noise Levels

The NAS features an efficient and quiet cooling system to ensure consistent performance. In silent mode, the noise level remains between 29 and 34 dB, ensuring minimal disturbance. For reference, 20 to 40 dB corresponds to a quiet environment like a library.



Figure 15: Efficient and silent cooling. This cutaway diagram illustrates the internal airflow and cooling fan, highlighting the NAS's thermal management and quiet operation modes (default, silent, full speed).

6.2 Software Updates

Regular software updates are provided to enhance functionality, improve security, and fix bugs. Ensure your NAS is connected to the internet to receive and install the latest updates for optimal performance and features.

- **Q1/Q2 2025 Updates:** Added more languages (Italian, French, Spanish, Dutch, Portuguese, Japanese). Online storage tools now support direct backups from Google Drive. Subtitles added to Video Center.
- **November 30 Updates:** Two-factor authentication added. File Manager supports batch renaming and drag-and-

drop between tabs. iOS supports current file formats. Progress tracking added for synchronization and PC backup. Batch submission for multiple torrent downloads. Docker supports macvlan networks for independent IP addresses. "Online Document" functionality available on Windows, macOS, and web clients. Video Center supports loading ISO directories for playback.

7. Troubleshooting

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

7.1 Phone Connectivity Issues

Q: Why is my phone incompatible or unable to connect to the NAS?

A:

1. Update your UGREEN OS: Connect to the NAS via the web interface with a computer and perform the UGREEN OS update.
2. Reset the NAS: If the computer still cannot connect to the NAS, try restoring it to factory settings and reinitializing the system.
3. Contact Support: If your problem persists, please contact the support team for assistance.

7.2 Application Installation (Plex/Emby/Kodi)

Q: Can I install Plex/Emby/Kodi?

A: Our App Store does not offer direct downloads for these applications, but you can install them via Docker or a virtual machine.

7.3 Docker and Virtual Machine Configuration

Q: Is configuring Docker and virtual machines complicated?

A: Deploying Docker and virtual machines requires configuration files. Please consult the Knowledge Center or official tutorials for detailed instructions.

7.4 Third-Party OS Installation (Unraid/TrueNAS)

Q: Can I install Unraid or TrueNAS on UGREEN NAS devices?

A: The device can run third-party software, but installing non-official software may lead to issues.

8. Specifications

Feature	Detail
Brand	UGREEN
Model Number	DXP4800 Plus
Product Type	ATX (Form Factor)
Processor	Intel Pentium Gold 8505 (5 cores)

Feature	Detail
RAM	8GB DDR5 (expandable up to 64GB)
Internal SSD	128GB SSD
Drive Bays	4 (for 3.5" HDD or 2.5" SSD)
Max Storage Capacity	Up to 136TB
Network Connections	1x 10GbE, 1x 2.5GbE Ethernet
M.2 NVMe Slots	2
Total USB Ports	5 (1x USB-C 10Gb/s, 2x USB-A 10Gb/s, 2x USB 2.0)
Video Output	HDMI 4K
Special Features	Password Protection, Hot-Swappable Drives
Compatible Devices	Desktop computer, Laptop
Input Voltage	220 Volts
Output Voltage	15 Volts
Output Current	5 A
Power Source	Corded Electric

9. Warranty and Support

9.1 Warranty Information

The UGREEN NASync DXP4800 Plus comes with a**2-year limited manufacturer's warranty**. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact UGREEN customer support through their official website or the contact information provided in your warranty card. You can also refer to the UGREEN Knowledge Center for additional resources and tutorials.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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