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› Yottamaster 1 Bay NAS Storage DM2 User Manual

Yottamaster DM2

Yottamaster 1 Bay NAS Storage DM2 User Manual

Brand: Yottamaster | Model: DM2

1. INTRODUCTION

The Yottamaster 1 Bay NAS Storage DM2 is an entry-level private cloud NAS storage solution designed for families and individuals. It enables you to transfer and access your digital content, such as photos, videos, and movies, anytime and anywhere. This diskless device supports a single 3.5-inch SATA hard drive with a capacity of up to 20TB. It features a built-in ARM quad-core CPU and a dedicated NPU chip, providing robust performance and processing power for your personal cloud storage needs.



This image illustrates the Yottamaster 1 Bay NAS device with a 3.5-inch SATA hard drive installed. A smartphone in the foreground displays the associated mobile application, demonstrating data transfer and management capabilities.

2. PRODUCT FEATURES

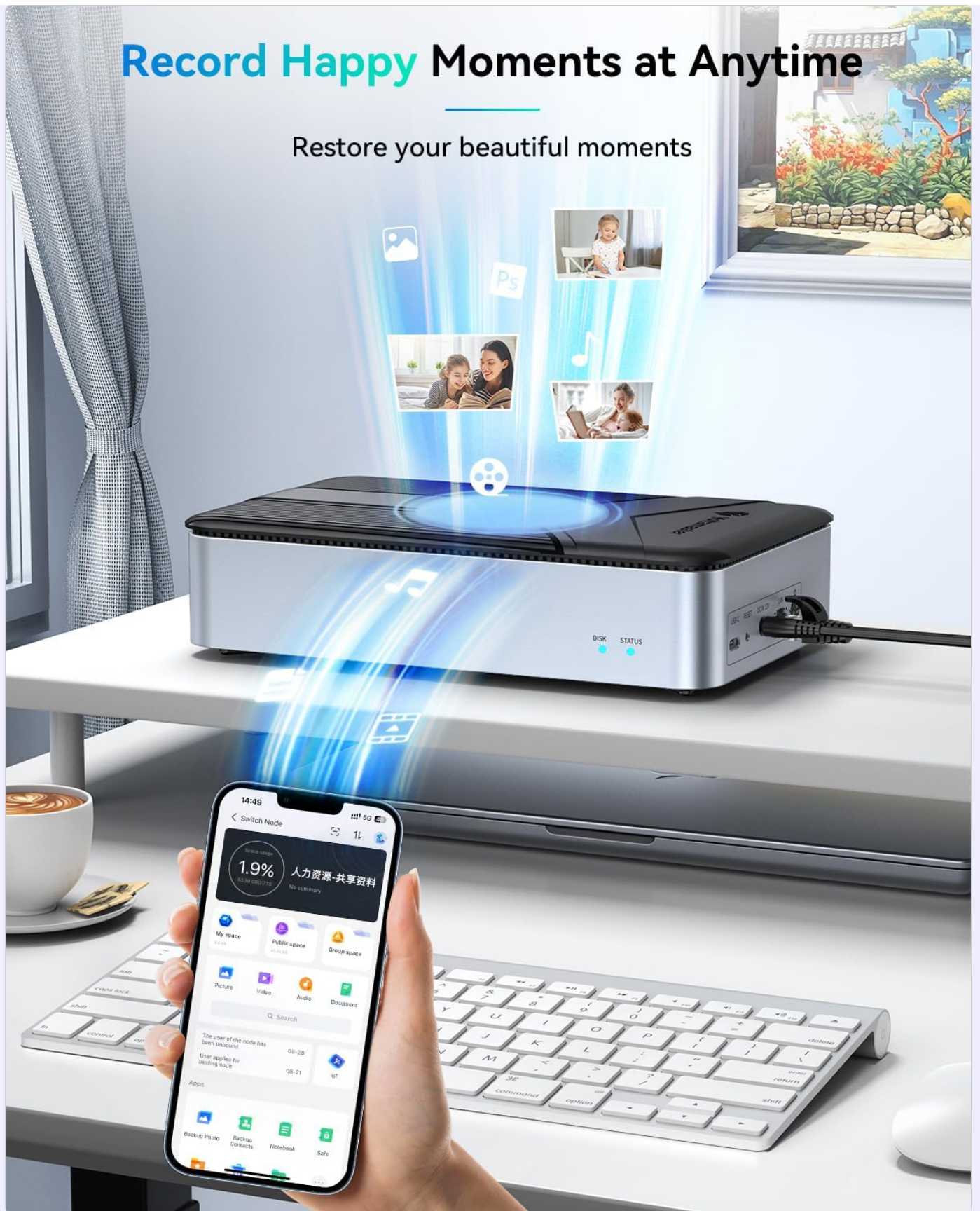
The Yottamaster DM2 NAS offers a range of features designed for efficient and secure personal cloud storage:

- **High Capacity Storage:** Supports a single 3.5-inch SATA hard drive up to 20TB, providing ample space for photos, videos, and documents.

- **Powerful Performance:** Equipped with an ARM quad-core CPU and a dedicated NPU chip for efficient data processing.
- **Intelligent Management:** Features a simplified user interface and intelligent data management via the Weline APP, including automatic album and video categorization.
- **Fast Local Network Transfer:** Achieves speeds of up to 120MB/s within the local network for efficient data sharing.
- **Remote Access and Sharing:** Allows secure remote access and sharing of files via the internet without monthly fees.
- **Comprehensive Data Backup:** Supports data backup and recovery for multiple devices, ensuring data security and reliability.
- **Offline Download Functionality:** Enables downloading content for offline viewing and learning.
- **Advanced Security:** Provides multiple account access permission management and SDVN virtual secure network to prevent data leakage and protect privacy.
- **Flexible Data Protection:** Supports LVM, RAID 0, and RAID 1 for various data protection and backup options.
- **Broad Compatibility:** Supports protocols like Samba and DLNA, compatible with Android, iOS, Mac OS, Windows, and TV for seamless data sharing across platforms.

Record Happy Moments at Anytime

Restore your beautiful moments



The Yottamaster NAS device is shown on a desk, emitting digital streams towards a smartphone, representing its function in recording and restoring personal memories and data.

Supports 18TB 3.5 inch Hard Drive

Equivalent to the memory capacity of about 140 smartphones.



This image highlights the rear connectivity ports of the Yottamaster NAS, including USB-C, DC IN 12V power input, LAN, and a reset button. Below, icons indicate its support for various media types such as film, video, photos, and general files.

Keep Your Data Safe

Private personal data safe is encrypted
don't have to worry about the risk of data leakage



The Yottamaster NAS is depicted within a protective shield, surrounded by images of individuals and data, signifying its robust private personal data encryption and security features.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your product package:

- 1 x Product Packaging Box
- 1 x Yottamaster DM2 NAS Device
- 1 x Ethernet Cable
- 1 x Power Adapter
- 1 x USB Cable
- 1 x User Manual

Packing list

1 Product packaging box



6 User Manual



2 Product



5 USB Cable



4 Power Adapter



3 Ethernet Cable



This image displays the complete packing list for the Yottamaster NAS, including the product packaging box, the NAS device itself, an Ethernet cable, a power adapter, a USB cable, and the user manual.

4. SETUP GUIDE

Follow these steps for the initial setup of your Yottamaster DM2 NAS:

1. **Step 1: Install HDD/SDD and Connect Ethernet Cable**

Open the NAS enclosure and carefully insert your 3.5-inch SATA hard drive or SSD. Ensure it is securely seated. Connect one end of the Ethernet cable to the LAN port on the NAS and the other end to your router or network switch.

2. **Step 2: Install the Weline APP**

Scan the QR code provided in the user manual or on the product packaging to download and install the Weline APP on your smartphone (compatible with Android and iOS).

3. **Step 3: Bind the Device**

Open the Weline APP. Use the app's scanning function to scan the QR code located on the Yottamaster DM2 NAS device to bind it to your account.

4. **Step 4: Register and Start Storage**

Complete the registration process within the Weline APP. Once registered, you can begin setting up your personal cloud storage, managing files, and inviting family members to share access.

Easy To Use

Tool free installation, magnetic suction structure design



Windows



mac OS



Android



IOS

Step 1



Put the HDD/SDD into the device
connect the ethernet cable

Step 2



Install the APP by scanning the code on
the user manual or package, register you
own ID user

Step 3



Binding the device by scanning the code
on the product

Step 4



Register and start family storage

This graphic provides a four-step guide for setting up the Yottamaster NAS: 1. Installing the HDD/SDD and connecting the Ethernet cable. 2. Installing the Weline APP by scanning a QR code. 3. Binding the device by scanning a QR code on the product. 4. Registering and starting family storage within the app.

5. OPERATING INSTRUCTIONS

Once your Yottamaster DM2 NAS is set up, you can utilize its various functions through the Weline APP and network connections.

5.1. Accessing Your Data

- **Local Network Access:** Within your home network, you can access files directly through the Weline APP or via network shares (Samba/DLNA) on compatible devices like Windows PCs, Mac OS, Android, and iOS devices.
- **Remote Access:** The Weline APP facilitates secure remote access to your files from anywhere with an internet connection. This allows you to manage and share your data even when you are away from home.

No Distance Restrictions

View Your Happy Moments Anywhere



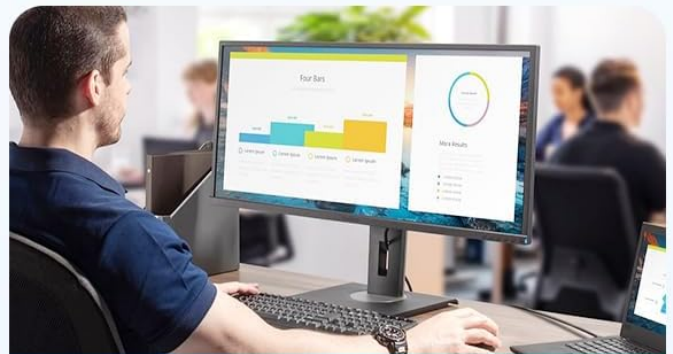
Home Party



Baby's Growing



Family Photos



Working Cloud Files

This visual demonstrates the Yottamaster NAS's remote access capabilities, with lines extending from the device to different points on a world map. Accompanying scenes depict users accessing their data from various locations and for different purposes, such as home parties, family photo viewing, and managing work files.

5.2. Data Management and Backup

- **Automatic Backup:** Configure the Weline APP to automatically back up photos and videos from your mobile devices to the NAS, ensuring your memories are safely stored.
- **File Organization:** The app intelligently categorizes your albums and videos, making it easier to browse and manage your multimedia content.
- **Offline Downloads:** Utilize the offline download feature to save content from your NAS to your device for access without an internet connection.

Auto Backup

Our products automatically back up
no more worries about data loss.



The image depicts a smartphone screen showing family photos, with a downward arrow leading to the Yottamaster NAS, symbolizing the device's automatic backup feature for personal data.

5.3. Switching Between Modes

The Yottamaster DM2 supports both Network Attached Storage (NAS) mode and Direct Attached Storage (DAS) mode:

- **Network Mode (NAS):** The device is connected to your router via Ethernet, allowing multiple devices on your network (and remotely) to access the storage.

- **External Mode (DAS):** The device can be connected directly to a computer via the USB-C port, functioning as an external hard drive enclosure. Refer to the Weline APP or product documentation for specific instructions on switching modes.

External & Network Mode SSD Enclosure

Switching Between Nas Mode And Das Mobile Hard Drive Mode At Will



This image illustrates the dual functionality of the Yottamaster NAS: 'External Mode' where it connects directly to a computer, and 'Network Mode' where it functions as a network-attached storage device accessible via a smartphone or other network devices.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Yottamaster DM2 NAS, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the exterior of the device with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- **Proper Ventilation:** Ensure the device is placed in a well-ventilated area, away from direct sunlight or heat sources, to prevent overheating. Do not block ventilation openings.
- **Data Integrity:** Periodically check the health of your installed hard drive through the Weline APP or connected computer. Consider regular data backups to an additional external source for critical data.
- **Firmware Updates:** Check for and install any available firmware updates for the NAS device and updates for the Weline APP to ensure you have the latest features and security enhancements.
- **Safe Shutdown:** Always shut down the NAS properly through the Weline APP or by disconnecting power only after ensuring all data transfers are complete and the device is idle.

7. TROUBLESHOOTING

If you encounter issues with your Yottamaster DM2 NAS, try the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the power adapter is securely connected to both the NAS and a working power outlet. Verify the power outlet is active.
- **Cannot Access NAS on Network:**
 - Check if the Ethernet cable is properly connected to both the NAS and your router/switch.
 - Ensure your router is functioning correctly and providing network access.
 - Restart the NAS device and your router.
 - Verify that the Weline APP is connected to the correct device and your smartphone is on the same local network (for local access) or has internet connectivity (for remote access).
- **Hard Drive Not Detected:**
 - Ensure the hard drive is correctly installed and seated within the enclosure.
 - Check if the hard drive itself is functional by testing it in another device if possible.
 - The NAS supports 3.5-inch SATA HDDs. Ensure your drive is compatible.
- **Slow Transfer Speeds:**
 - Ensure your network cables are Cat5e or Cat6 for optimal Gigabit Ethernet performance.
 - Minimize simultaneous large file transfers or network activity.
 - Check your router's network settings and ensure there are no bandwidth limitations.
- **Weline APP Issues:**
 - Ensure your app is updated to the latest version.
 - Clear the app's cache or reinstall the app if persistent issues occur.
 - Verify your smartphone's internet connection.

For more complex issues or if the above steps do not resolve the problem, please refer to the official Yottamaster support resources or contact their customer service.

8. SPECIFICATIONS

Feature	Specification
Brand	Yottamaster
Model	DM2
Number of Bays	1
Compatible HDD/SSD	3.5-inch SATA HDD
Max Memory Storage Capacity	20 TB
CPU	Quad Core ARM-based CPU with NPU chip
RAM	1GB DDR4
Network Interface	1GbE Port (Ethernet)
Data Transfer Rate	Up to 120 Megabytes Per Second (Local Network)
Hardware Interface	Ethernet, USB-C
Supported RAID Levels	LVM, RAID 0, RAID 1
Supported Protocols	Samba, DLNA
Compatible Operating Systems	Android, iOS, Mac OS, Windows, TV
Material	Metal
Package Dimensions	24.51 x 20.7 x 6.4 cm
Item Weight	880 g

9. SAFETY INFORMATION

Please read and adhere to the following safety guidelines to prevent damage to the device or personal injury:

- **Power Supply:** Use only the original power adapter provided with the device. Using an incompatible power adapter may cause damage or fire.
- **Environment:** Operate the device in a dry, clean environment. Avoid exposure to extreme temperatures, humidity, dust, or direct sunlight.
- **Handling:** Handle the device with care. Do not drop, impact, or disassemble the unit. Refer all servicing to qualified personnel.

- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the device to prevent overheating.
- **Liquid Contact:** Keep the device away from liquids. If liquid enters the device, immediately disconnect power and seek professional assistance.
- **Children:** Keep the device and its accessories out of reach of children.

10. WARRANTY AND SUPPORT

Yottamaster products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Yottamaster website. In case of technical issues or inquiries not covered in this manual, please contact Yottamaster customer support through their official channels. When contacting support, please have your product model (DM2) and purchase information ready.

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Question

Details

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