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› Yottamaster 1 Bay NAS Storage Device User Manual

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Yottamaster 1 Bay NAS Storage Device User Manual

Model: 1 Bay NAS Storage Device

1. INTRODUCTION

The Yottamaster 1 Bay NAS Storage Device is a compact and efficient network-attached storage solution designed for personal and small office use. It supports 2.5-inch SATA HDDs/SSDs, features a quad-core CPU, 1GbE port, and 1GB DDR4 RAM, providing reliable data storage, backup, and remote access capabilities. This manual provides detailed instructions for setting up, operating, and maintaining your NAS device.



Figure 1.1: Yottamaster 1 Bay NAS Storage Device in use, demonstrating data transfer to a mobile device.

2. PACKAGE CONTENTS

Before proceeding with the setup, please verify that all items listed below are included in your package:

- Product packaging box
- Yottamaster 1 Bay NAS Storage Device
- Ethernet Cable
- Power Adapter
- USB Cable
- User Manual

Packing Include



Figure 2.1: Included items in the Yottamaster 1 Bay NAS Storage Device package.

3. SETUP GUIDE

3.1 Hardware Installation

Follow these steps for tool-free installation of your HDD/SSD and initial connection:

1. **Insert HDD/SSD:** Open the device and carefully insert your 2.5-inch SATA HDD or SSD into the designated slot. The magnetic suction structure ensures a secure fit.
2. **Connect Ethernet Cable:** Connect one end of the provided Ethernet cable to the LAN port on the NAS device and the other end to your router or network switch.
3. **Connect Power Adapter:** Plug the power adapter into the DC IN 12V port on the device and then into a power outlet.

SAMBA Operation Steps (macOS)

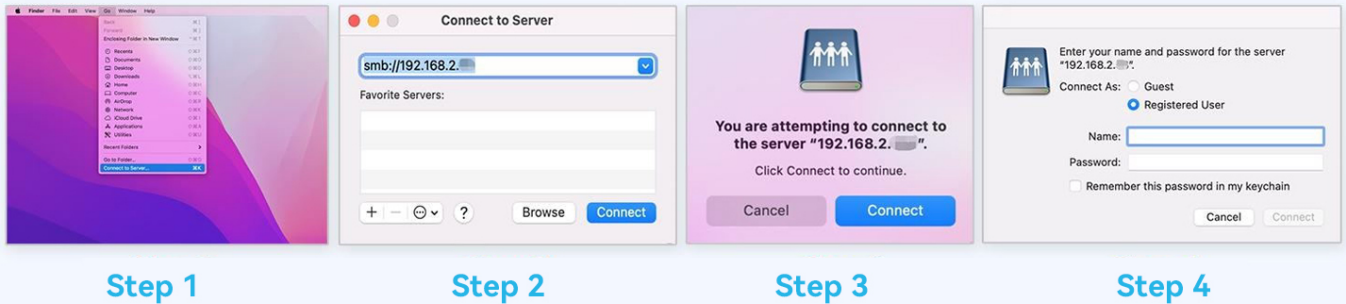


Figure 3.1: Hardware installation steps for the Yottamaster NAS.

3.2 Software Installation and Initial Configuration (Weline APP)

The Weline APP is essential for managing your Yottamaster NAS. It is available for Windows, macOS, Android, and iOS.

1. **Download Weline APP:** Scan the QR code provided in the device's packaging or on the device itself to download the Weline APP. Alternatively, search for "Weline" in your device's app store.
2. **Register Account:** Open the Weline APP and follow the on-screen instructions to register a new account.
3. **Bind Device:** Scan the QR code located on the bottom of the product to connect and bind the device to your Weline account.
4. **Format Hard Drive:** Once connected, the app will prompt you to format the hard drive. Follow the instructions to complete the formatting process. This will prepare the drive for use with the NAS.

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



Scan the QR code to download the APP
and register an account

Step 3



Scan the QR code on the bottom of the
product to connect to the device

Step 4



Format the hard drive and start using the NAS

Figure 3.2: Software setup and initial configuration via Weline APP.

SAMBA Operation Steps (macOS)

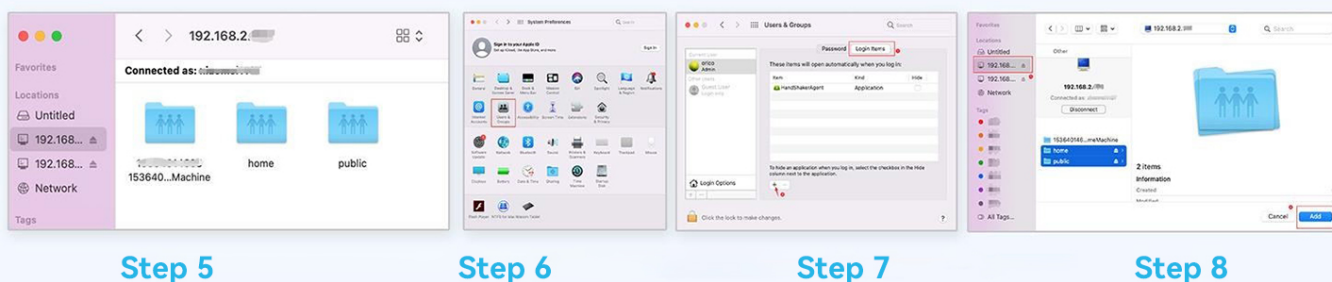


Figure 3.3: Weline APP overview, highlighting multi-platform support.

Note on VPN: The Weline APP utilizes VPN technology to enable secure remote access from client to server through encryption and address translation. This ensures secure transmission of network data packets. You will need to grant VPN permissions when installing the Weline APP.

3.3 Samba Operation Steps (Windows)

To access your NAS as a network drive on Windows, follow these steps:

1. **Access Samba:** In the Weline APP interface, navigate to the Samba section.
2. **Set Samba Password:** Set a password for your Samba account. This password will be used to access the network share.
3. **Open Run Dialog:** Press Win + R to open the Run dialog box.
4. **Enter NAS IP:** Type \\<NAS_IP_Address> (replace <NAS_IP_Address> with your NAS device's IP address, which can be found in the Weline APP) and press Enter.
5. **Enter Credentials:** When prompted, enter the Samba username and password you set in Step 2.
6. **Map Network Drive:** Right-click on the desired shared folder and select "Map network drive..." to assign a drive letter for easier access.

DLNA Function for TV

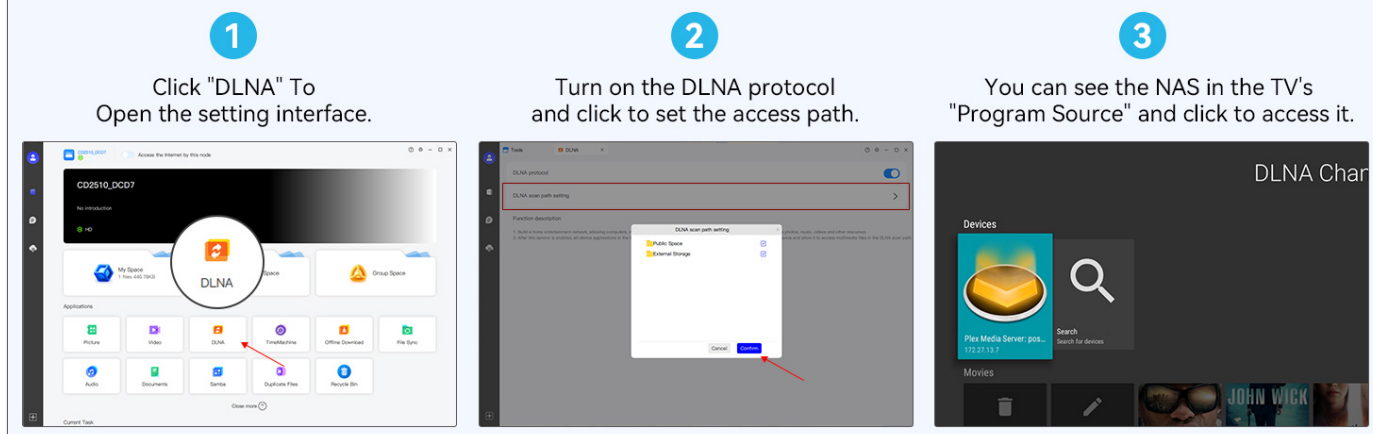


Figure 3.4: Samba configuration for Windows (Part 1).

Easy to Use



Figure 3.5: Samba configuration for Windows (Part 2).

3.4 Samba Operation Steps (macOS)

To access your NAS as a network drive on macOS, follow these steps:

1. **Connect to Server:** In Finder, go to "Go" > "Connect to Server..." (or press Command + K).
2. **Enter Server Address:** Type `smb://<NAS_IP_Address>` (replace `<NAS_IP_Address>` with your NAS device's IP address) and click "Connect".
3. **Authentication:** Select "Registered User" and enter your Samba username and password. Click "Connect".
4. **Access Shares:** The shared folders on your NAS will appear in Finder.
5. **Add to Login Items (Optional):** To automatically connect to the NAS at login, go to System Settings > Users & Groups > Login Items, and add the network share.

Essential Software Installation for Yottamaster NAS

What is Weline APP?

Weline APP is a dedicated PC/Mobile Application Software for Yottamaster NAS (YNAS) devices. Weline APP enhances user interface and transforms user interaction, while introducing new features such as phone backup, photo management, personal folder, team folder, coffer, administrator, etc., to facilitate remote access, mobile office, and remote management of YNAS devices.

Why do you need to connect to a VPN?

VPN enables remote access from client to server through encryption and address translation. In the Weline application, SDVN technology establishes an encrypted communication tunnel and calls the mobile VPN service to transmit encrypted network data packets to ensure safe transmission. When you install Weline App for the first time, please agree to the VPN permissions, and there is no need to worry about the VPN connecting to other places or data being stolen.

Weline APP supports the following platforms:

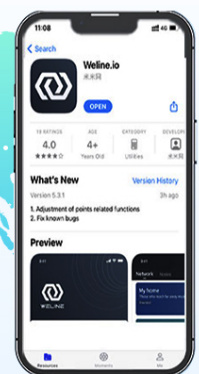


Figure 3.6: Samba configuration for macOS (Part 1).

SAMBA Operation Steps (Windows)

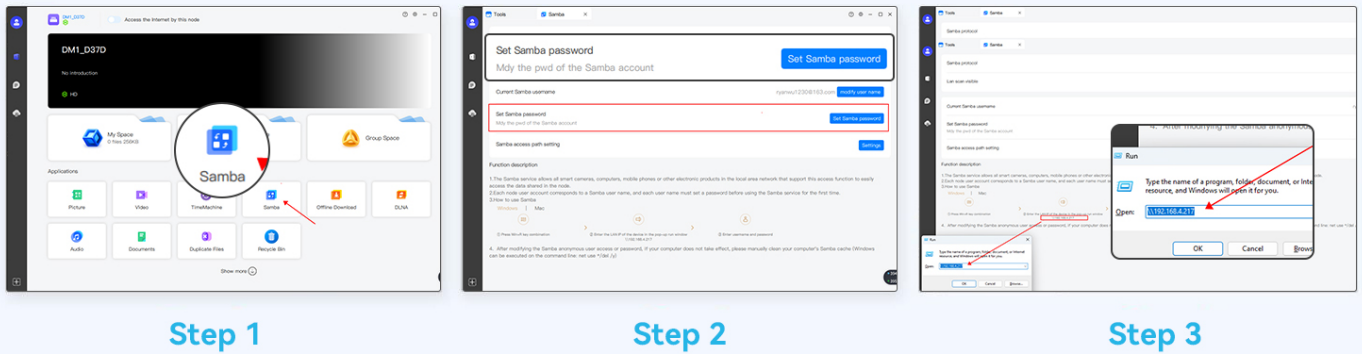


Figure 3.7: Samba configuration for macOS (Part 2).

4. OPERATING THE DEVICE

4.1 Data Backup and Management

The Yottamaster NAS supports automatic data backup, ensuring your important files are always safe. You can manage your photos, videos, and documents through the Weline APP.

Auto Backup

Our products automatically back up
no more worries about data loss



Figure 4.1: Automatic data backup feature.

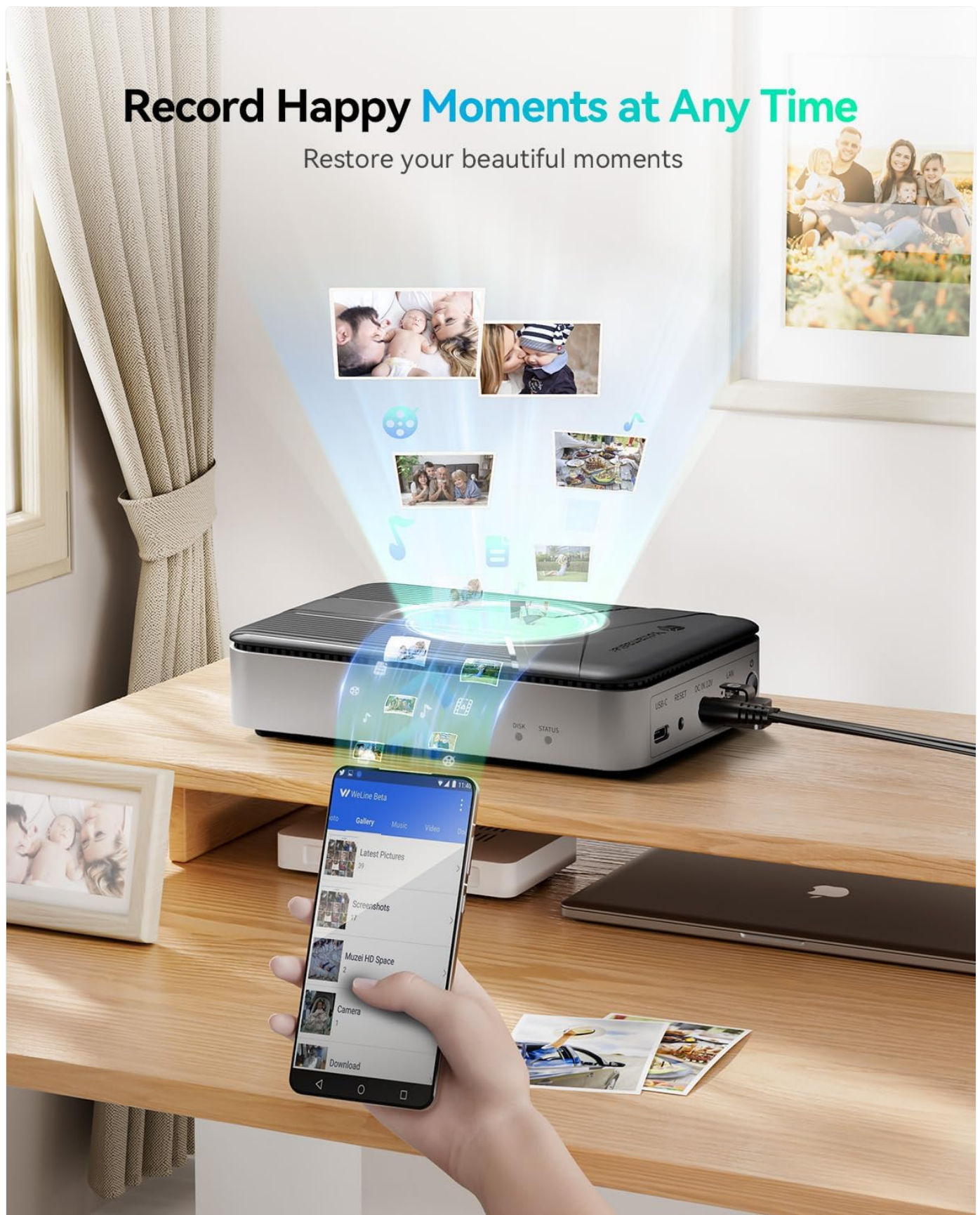


Figure 4.2: Recording and restoring personal memories with the NAS.

The device supports up to 8TB 2.5-inch hard drives, equivalent to the memory capacity of approximately 60 smartphones, allowing for extensive storage of films, videos, photos, and various files.

Supports 8TB 2.5 inch Hard Drive

Equivalent to the memory capacity of about 60 smartphones



Figure 4.3: Storage capacity and file types supported.

4.2 Remote Access and Cloud Features

With the Weline APP, you can access your stored data from anywhere, without distance restrictions. This allows you to view and manage your files remotely, whether for personal photos or work documents.

No Distance Restrictions

View Your Happy Moments Anywhere



Home Party



Baby's Growing



Family Photos



Working Cloud Files

Figure 4.4: Remote access capabilities of the NAS.

4.3 Dual Mode Operation (NAS and DAS)

The Yottamaster NAS functions in two modes: Network Attached Storage (NAS) and Direct Attached Storage (DAS). You can switch between these modes as needed.

- **NAS Mode:** Connects to your network, allowing multiple devices to access data over the network.
- **DAS Mode (External Mode):** Connects directly to a single computer via USB, functioning as an external hard drive.

Dual Mode NAS Hard Drive Enclosure

Switch between NAS mode (Network Attached Storage) and DAS mode (Direct Attached Storage) as desired



Figure 4.5: Dual mode operation (NAS and DAS).

4.4 DLNA Function for TV

The device supports DLNA (Digital Living Network Alliance), allowing you to stream media content directly from your NAS to compatible smart TVs or media players.

1. **Enable DLNA:** In the Weline APP, navigate to the DLNA section and click to open the setting interface.
2. **Set Access Path:** Turn on the DLNA protocol and set the desired access path for your media files.
3. **Access on TV:** On your DLNA-compatible TV, you can find the NAS under "Program Source" or similar media

server options and access your content.

SAMBA Operation Steps (Windows)

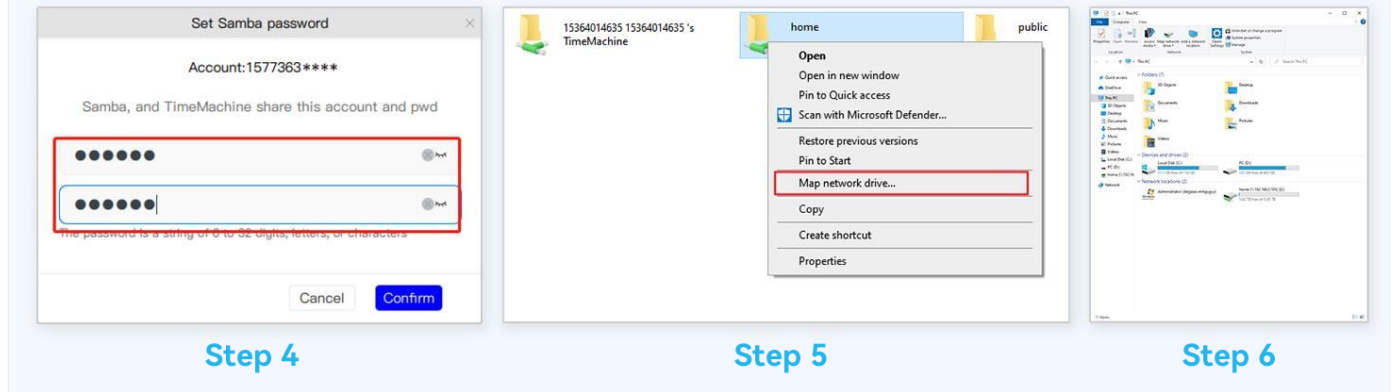


Figure 4.6: DLNA function setup for TV.

4.5 Intranet Transmission Speed

The Yottamaster NAS offers high-speed data transmission within your local network:

- **Gigabit Ethernet Port Rate:** Up to 120MB/s
- **WiFi Rate:** Up to 60MB/s

External network access rates typically range from 4-7MB/s, depending on your internet service provider and network conditions.



Figure 4.7: Intranet transmission speeds.

5. MAINTENANCE

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

- **Proper Shutdown:** Always shut down the NAS device properly through the Weline APP or by safely disconnecting power after ensuring all operations are complete. Avoid sudden power cuts.
- **Dust Control:** Keep the device in a clean, dust-free environment. Dust accumulation can lead to overheating and

component failure.

- **Ventilation:** Ensure adequate airflow around the device. Do not block ventilation holes.
- **Temperature and Humidity:** Operate the device within recommended temperature and humidity ranges to prevent damage to internal components.
- **Firmware Updates:** Regularly check for and install firmware updates for the NAS device and the Weline APP. These updates often include performance improvements, bug fixes, and security enhancements.
- **Data Integrity Checks:** Periodically check the health of your installed HDD/SSD through the Weline APP or connected computer to ensure data integrity.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Yottamaster NAS device.

Problem	Possible Cause	Solution
Device not recognized / Node offline error 108	◦ Incorrect network connection. ◦ Firewall blocking communication. ◦ Incorrect IP address or network settings. ◦ Weline APP not properly configured or device not bound.	◦ Ensure the Ethernet cable is securely connected to both the NAS and your router/switch. ◦ Verify your router is assigning an IP address to the NAS. ◦ Check your computer's firewall settings to ensure the Weline APP and NAS communication are not blocked. ◦ Re-scan the QR code in the Weline APP to bind the device. ◦ Ensure the NAS and your device are on the same local network segment. ◦ Restart the NAS device and your router.
Cannot access Samba share	◦ Incorrect Samba username/password. ◦ Samba service not enabled or configured. ◦ Network discovery issues.	◦ Double-check the Samba username and password in the Weline APP. ◦ Ensure the Samba service is enabled within the Weline APP settings. ◦ Verify network discovery is enabled on your Windows/macOS computer. ◦ Try accessing the NAS directly by its IP address (e.g., \\192.168.X.X for Windows, smb://192.168.X.X for macOS).
Slow data transfer speeds	◦ Network congestion. ◦ Cable quality. ◦ Router performance. ◦ HDD/SSD performance.	◦ Ensure you are using a Gigabit Ethernet cable and port for optimal wired speeds. ◦ Minimize other network activities during large transfers. ◦ Check your router's settings and ensure it supports Gigabit Ethernet. ◦ Consider the read/write speeds of your installed HDD/SSD.

7. SPECIFICATIONS

Feature	Detail
Brand	Yottamaster
Model	1 Bay NAS Storage Device
ASIN	B0DRBGGM5T
Storage Bays	1 Bay
Compatible Drives	2.5" SATA HDD/SSD (up to 8TB)
CPU	Quad Core
RAM	1GB DDR4
Network Port	1GbE (Gigabit Ethernet)
Mounting Type	Tabletop
Color	Black
First Available Date	January 20, 2025

8. WARRANTY AND SUPPORT

Yottamaster products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Yottamaster website. For technical support, product inquiries, or assistance with troubleshooting, please contact Yottamaster customer service. Contact information can typically be found on the product packaging, the official website, or within the Weline APP.

As per customer reviews, direct email support is available atsupports@yottamaster.com. Please allow adequate time for a response.

