

Yottamaster PS400C3

Yottamaster 4-Bay Hard Drive Enclosure User Manual

Model: **PS400C3** | Brand: **Yottamaster**

Aluminum USB C 3.5" HDD Enclosure for 3.5 & 2.5 Inch SATA HDD/SSD

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Yottamaster 4-Bay Hard Drive Enclosure (Model PS400C3). This device is designed to provide reliable external storage for up to four 2.5-inch or 3.5-inch SATA HDDs/SSDs, supporting a total capacity of up to 64TB (4x16TB). It features a USB 3.1 Type-C interface for high-speed data transfer and an aluminum alloy casing with an intelligent cooling system for optimal performance and drive longevity.

Please read this manual thoroughly before using the product to ensure proper setup and operation.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Reliable External Storage:** Supports up to 64TB (4x16TB) total capacity for 2.5"/3.5" SATA HDD/SSDs.
- **USB 3.1 Type-C Interface:** Offers data transfer rates up to 6Gbps.
- **Aluminum-Alloy Enclosure:** Durable and designed for effective heat dissipation.
- **80mm Intelligent Silent Fan:** Automatically adjusts speed based on drive temperature for optimal cooling and low noise.
- **Removable Trays:** Four universal trays for easy installation and replacement of drives.
- **LED Indicators:** Monitor HDD status (blue for normal, red for error).

- **Non-RAID Version:** This model does not support hardware RAID. Software RAID can be configured using system tools (e.g., Disk Utility on Mac OS).
- **Compatibility:** Works with Windows, Mac, and Linux systems.

2.2 Package Contents

Verify that all items are present in the package:

- 1 x Yottamaster 4-Bay USB C Hard Drive Enclosure (PS400C3)
- 1 x 12V 6.5A Power Supply
- 1 x Screw Kit (includes screws for mounting drives)
- 1 x Data Cable (USB-C to USB-A or USB-C to USB-C, depending on version)
- 1 x User Manual (this document)

2.3 Product Diagram

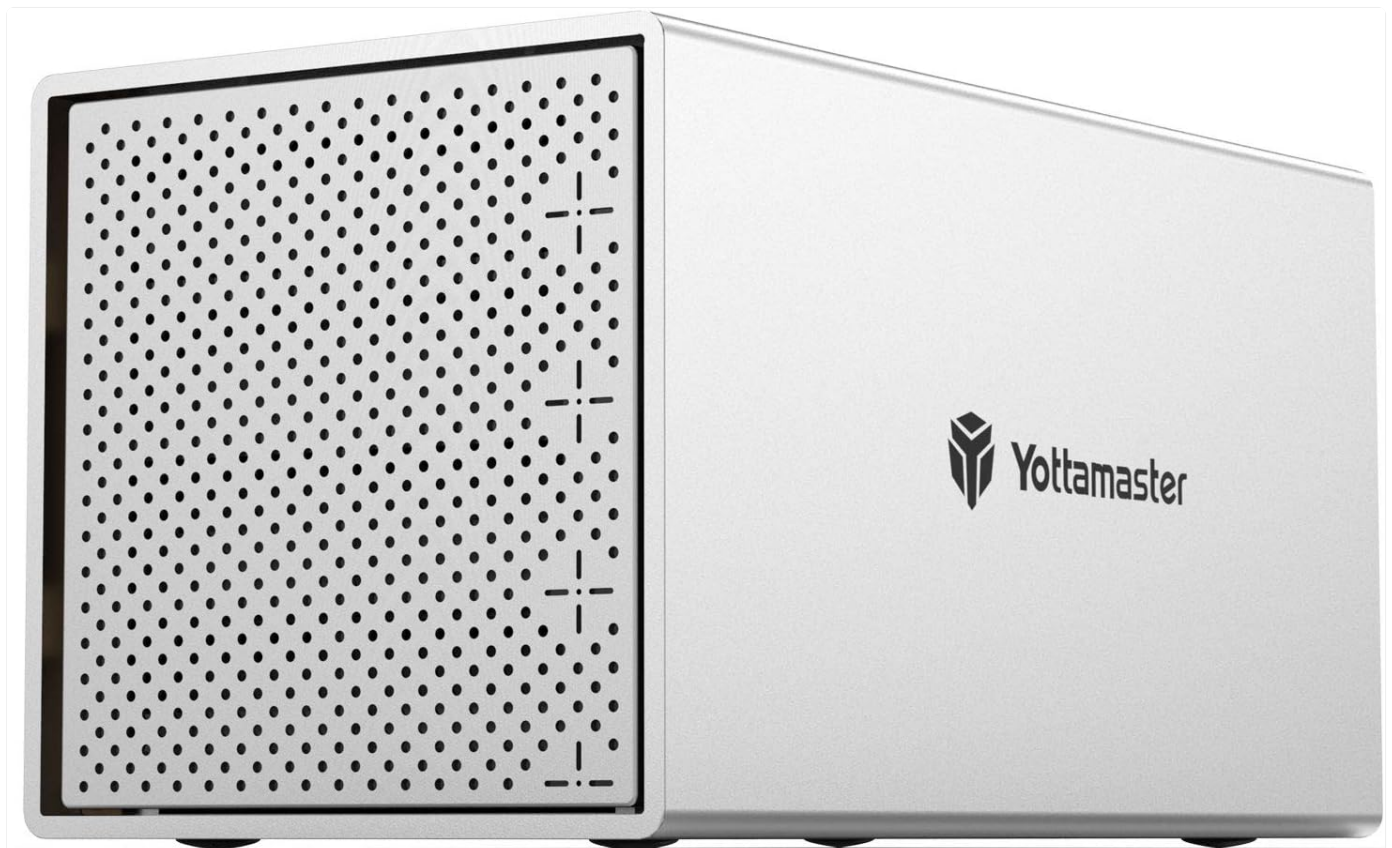


Figure 2.1: Front view of the Yottamaster 4-Bay Hard Drive Enclosure, showcasing its aluminum design and perforated front panel.

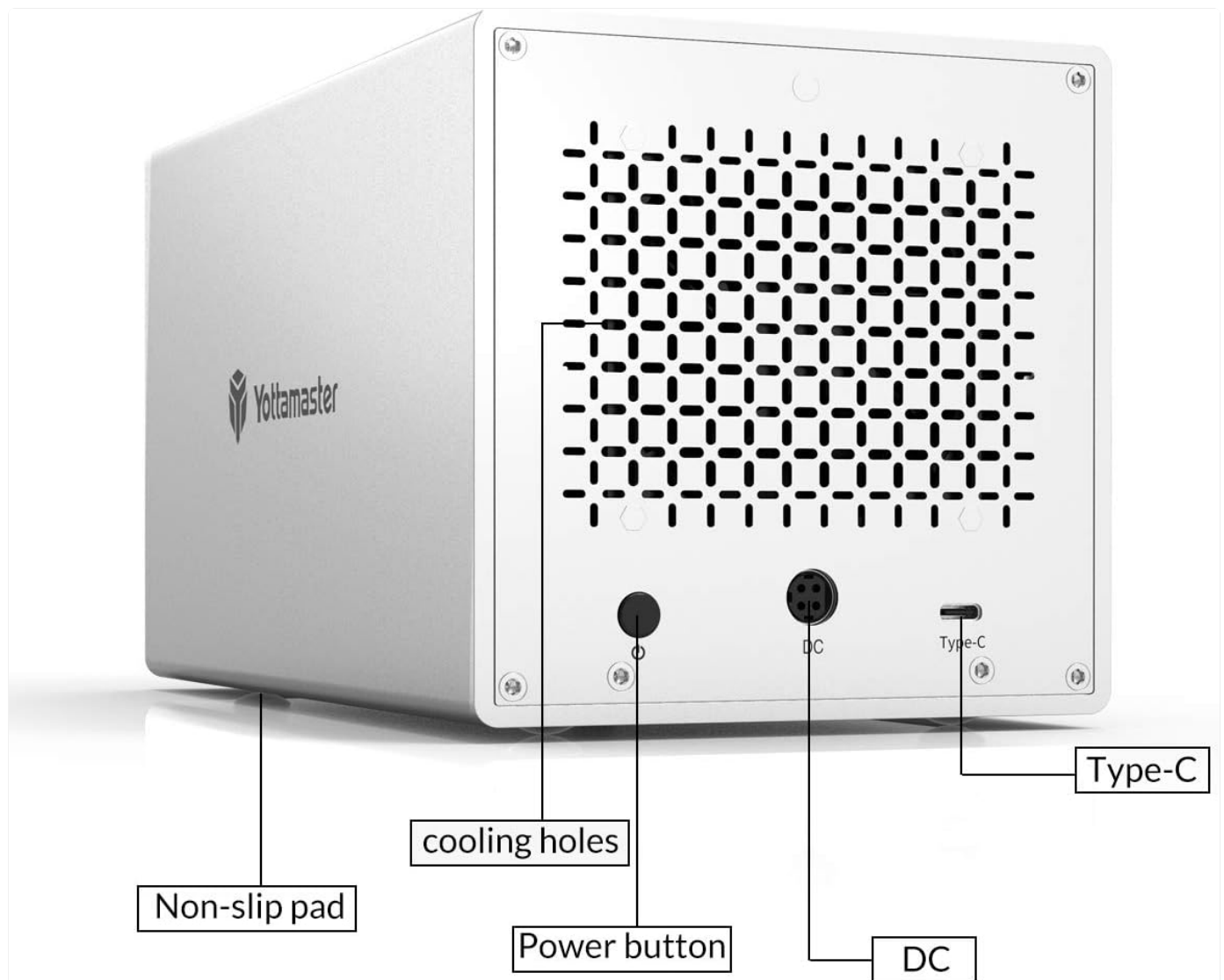


Figure 2.2: Rear view of the enclosure, highlighting the power button, DC input, and Type-C USB port, along with cooling holes and non-slip pads.

Built-in 80mm Silent fan

Speed up air convection and rapid cooling

How to keep normal temperature?

- Cool All-aluminum Enclosure
- 80MM Silent Fan
- Front and Rear with Cooling Holes

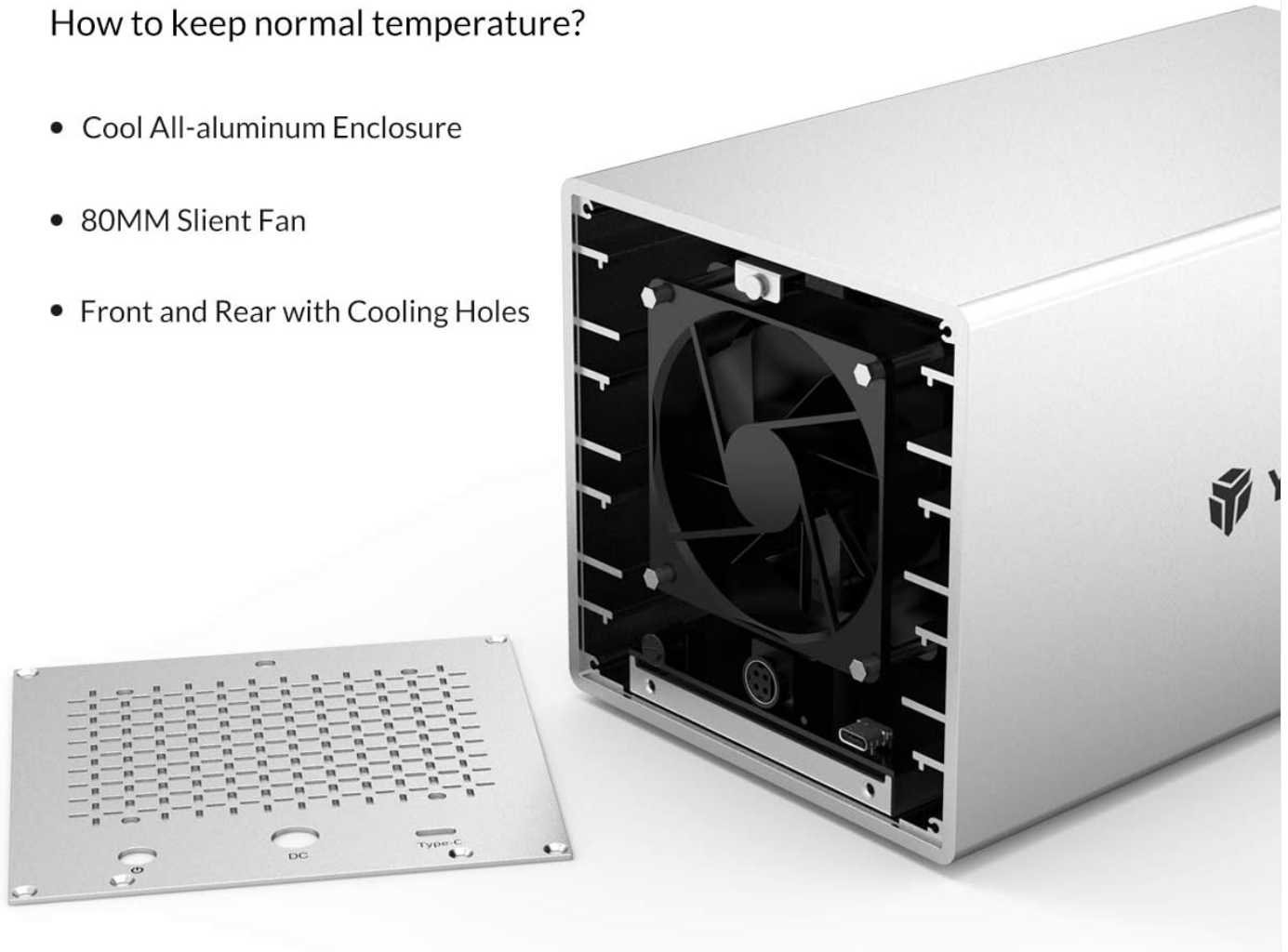


Figure 2.3: Internal view showing the 80mm silent fan, which aids in air convection and rapid cooling of the drives.

3. SETUP GUIDE

3.1 Hard Drive Installation

1. Gently press the PUSH button on the front door to open the enclosure.
2. Pull out the desired drive tray(s).
3. Place your 2.5-inch or 3.5-inch SATA HDD/SSD into the tray. Ensure the drive's SATA connector aligns with the tray's connector.
4. Secure the drive to the tray using the provided screws from the screw kit. Use the correct screw size for your drive (2.5" vs 3.5").
5. Slide the loaded tray(s) back into the enclosure until they click into place. Ensure the trays are inserted into their

corresponding numbered slots (1 to 1, 2 to 2, etc.) if you plan to use software RAID or maintain specific drive order.

6. Close the front door of the enclosure.

Four Removable Universal Trays

For 2.5"/3.5" HDD/SSDs



Figure 3.1: Illustration of the four removable universal trays, designed to accommodate both 2.5-inch and 3.5-inch SATA HDDs/SSDs.



Figure 3.2: The enclosure with its front door open, showing hard drives securely seated within the four bays.



Figure 3.3: A visual comparison demonstrating how both 3.5-inch and 2.5-inch drives fit into the universal trays.

3.2 Connecting to Your Computer

1. Connect the provided 12V 6.5A power supply to the DC input port on the rear of the enclosure.
2. Plug the power supply into a wall outlet.
3. Connect one end of the data cable (USB-C) to the Type-C port on the enclosure.
4. Connect the other end of the data cable to an available USB port on your computer (USB-A or USB-C, depending on the cable provided and your computer's ports).
5. Press the power button on the rear of the enclosure to turn it on.

Note: For optimal performance and stability, it is recommended to connect the device directly to your computer rather than through a USB hub.

12V6.5A External Power Supply

Ensure stable data transmission



Figure 3.4: The enclosure connected to a desktop computer, illustrating the external power supply connection for stable data transmission.



Figure 3.5: A detailed view of the rear panel, showing the power button and the USB-C data port connection.

3.3 Initializing and Formatting New Hard Drives

If you are using brand new hard drives, they may need to be initialized and formatted before your computer can recognize them. This process varies slightly depending on your operating system:

- **Windows:** Open Disk Management (right-click "This PC" or "My Computer" > "Manage" > "Disk Management"). Locate the new drive(s), initialize them (MBR or GPT, GPT recommended for drives larger than 2TB), and then

create and format a new simple volume.

- **macOS:** Open Disk Utility (Applications > Utilities > Disk Utility). Select the new drive from the sidebar, click "Erase," choose a format (e.g., APFS or Mac OS Extended (Journaled)), and a scheme (GUID Partition Map).
- **Linux:** Use tools like GParted, fdisk, or parted to partition and format the drive.

Important: Always back up any important data before formatting a drive, as formatting will erase all existing data on the drive.

4. OPERATING INSTRUCTIONS

4.1 Data Transfer

Once the enclosure is connected and drives are recognized, you can access them like any other external storage device. Drag and drop files, or use your operating system's copy/paste functions to transfer data. The USB 3.1 Type-C interface supports transfer speeds up to 6Gbps, allowing for rapid data movement.

4.2 LED Indicators

The enclosure features LED indicators on the front panel to monitor the status of each hard drive:

- **Blue Light:** Indicates the hard drive is reading or writing normally.
- **Red Light:** Indicates a hard drive error or failure. The enclosure may also emit a warning sound (beep) in this event.

64TB Enterprise-class Large Capacity

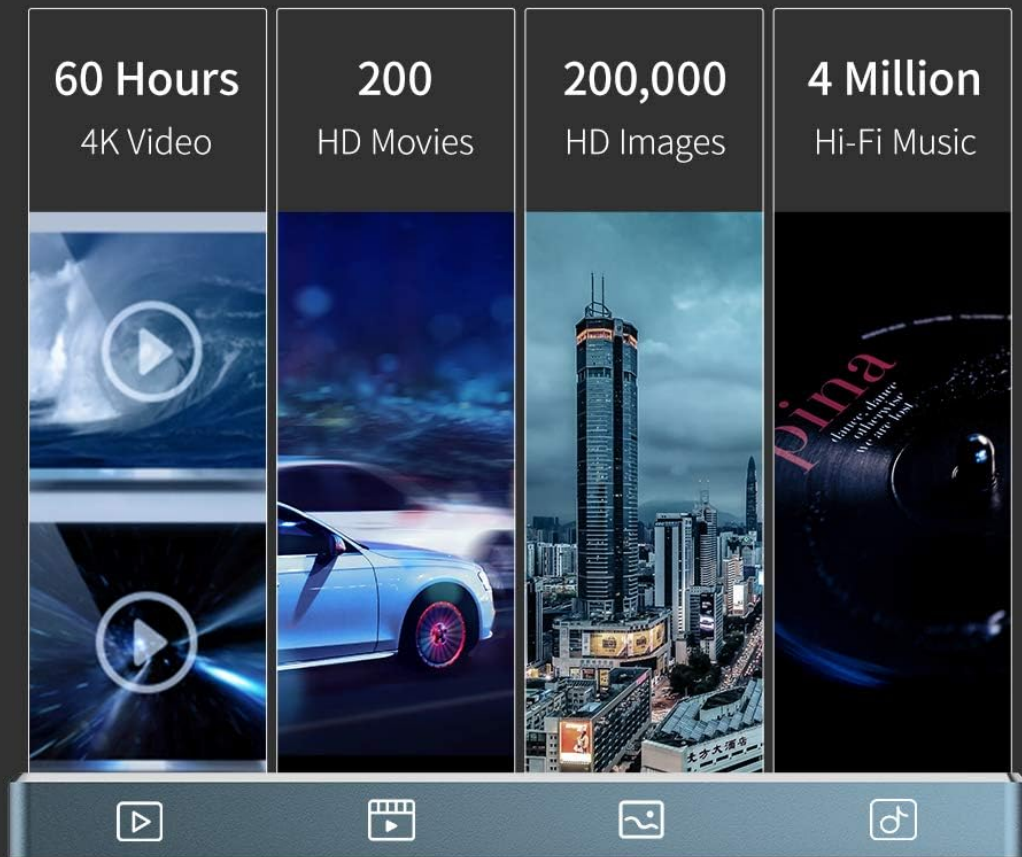


Figure 4.1: The front panel showing LED indicators for each drive bay, providing real-time status monitoring.

4.3 Supported Operating Systems

The Yottamaster PS400C3 is compatible with a wide range of operating systems, including:

- Windows (Windows 7/8/10/11 and later)
- macOS (macOS 10.10 and later)
- Linux

LED indicator monitor HDD status at any time

Automatic alarm function

Blue light: read normally

Red light: hard drive error



Linux



Mac OS



Windows



Figure 4.2: The enclosure's compatibility with various operating systems, including Linux, macOS, and Windows, and its large capacity capabilities.

4.4 Safely Ejecting the Enclosure

Before disconnecting the enclosure or powering it off, always safely eject it from your computer to prevent data corruption:

- **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the enclosure.
- **macOS:** Drag the drive icon(s) to the Trash, or right-click the drive icon(s) on the desktop and select "Eject."

- **Linux:** Use the "umount" command or your desktop environment's eject option.

5. MAINTENANCE

5.1 Cooling System

The Yottamaster PS400C3 features an 80mm intelligent temperature control fan. This fan automatically adjusts its speed based on the internal temperature of the hard drives, ensuring optimal cooling while minimizing noise. The aluminum casing and cooling holes on the front and rear panels also contribute to efficient heat dissipation.

To ensure proper airflow, keep the enclosure's ventilation areas clear of obstructions. Avoid placing the enclosure in enclosed spaces or near heat sources.

5.2 Cleaning

To clean the exterior of the enclosure, use a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents, as these may damage the finish or internal components. For dust accumulation in the ventilation holes, use compressed air sparingly.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Yottamaster 4-Bay Hard Drive Enclosure. For more detailed troubleshooting, please refer to the official [Troubleshooting Guide \(PDF\)](#).

6.1 Common Questions and Solutions

- **Q: How do I know if one of the hard drives has failed?**

A: If a drive is damaged or failed, its corresponding LED indicator on the front panel will turn red, and the enclosure may emit a warning sound (beep).

- **Q: How do I replace a hard drive?**

A:

- a. Safely eject the enclosure from your computer and power it off.
- b. Open the front door and pull out the tray containing the drive you wish to replace.
- c. Remove the old drive from the tray.
- d. If the new drive is brand new, format it on another device first.
- e. Insert the new drive into the tray, secure it with screws, and slide the tray back into its original position.
- f. Power on the enclosure.

- **Q: How do I add a new hard drive to the enclosure?**

A:

- a. Safely eject the enclosure from your computer and power it off.
- b. If the drive you want to add is brand new, format it on another device first.
- c. Insert the new drive into an empty tray, secure it, and slide the tray into an available slot. Do not change the

order of existing drives if you are using software RAID.

d. Power on the enclosure.

• **Q: Can I connect the device to the computer through a hub?**

A: It is recommended to connect the device directly to the computer. Connecting through a hub may lead to unstable connections or reduced performance.

• **Q: What are the specifications of the fan?**

A: The fan has a diameter of 80mm, operates at 12V, and uses a 2-PIN connector. There is no current limit specified for the fan itself.

7. SPECIFICATIONS

Feature	Specification
Model Number	PS400C3
Compatible Devices	Laptop, Desktop
Hard Disk Form Factor	3.5 Inches, 2.5 Inches
Max Number of Supported Devices	4
Memory Storage Capacity	64 TB (4x16TB)
Data Transfer Rate	6 Gigabits Per Second (SATA III Protocol)
Hardware Interface	USB 3.1 Type C
Material	Aluminum
Manufacturer	Yottamaster
Item Weight	6.93 pounds
Country of Origin	China

8. WARRANTY AND SUPPORT

Yottamaster products are designed for reliability and performance. For information regarding product warranty, please refer to the warranty card included with your purchase or contact Yottamaster customer support directly.

For additional support and resources, you can visit the official Yottamaster store on Amazon or refer to the following documents:

- [Instructions for Use \(IFU\) \(PDF\)](#)
- [User Manual \(PDF\)](#)
- [Troubleshooting Guide \(PDF\)](#)

You can also reach out to the seller, Yottamaster Technology Co.,Ltd, for direct assistance.

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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