

[Manuals.plus](#) /

› [Yottamaster](#) /

› Yottamaster PS400U3 4-Bay External Hard Drive Enclosure User Manual

Yottamaster PS400U3

Yottamaster PS400U3 4-Bay External Hard Drive Enclosure User Manual

Model: PS400U3 (4328327051) | Brand: Yottamaster

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Yottamaster PS400U3 4-Bay External Hard Drive Enclosure. 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 3.0 interface for high-speed data transfer and an aluminum alloy casing with an intelligent cooling fan for optimal heat dissipation. This model is a non-RAID version.

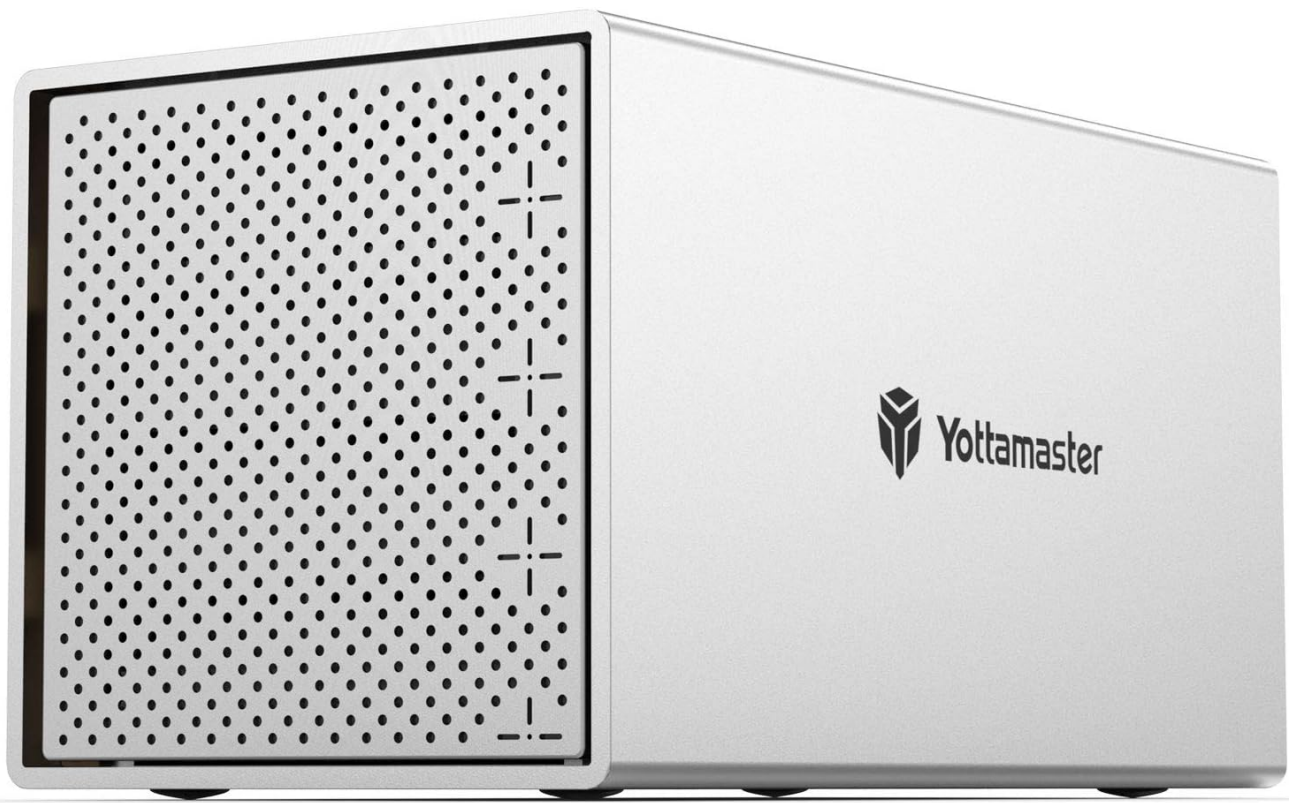


Image 1.1: Front view of the Yottamaster PS400U3 4-Bay External Hard Drive Enclosure.

2. WHAT'S IN THE BOX

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

- 1 x Yottamaster PS400U3 4-Bay USB3.0 Hard Drive Enclosure
- 1 x 12V 6.5A Power Supply
- 1 x Screw Kit (for securing drives)
- 1 x USB 3.0 Data Cable
- 1 x User Manual (this document)



Image 2.1: Contents of the Yottamaster PS400U3 package, including the enclosure, power supply, cables, screw kit, and user manual.

3. PRODUCT FEATURES

- **4-Bay Storage Capacity:** Supports up to four 2.5-inch or 3.5-inch SATA HDDs/SSDs, with a maximum total capacity of 64TB (16TB per drive).
- **USB 3.0 Connectivity:** Offers data transfer rates up to 6Gbps (MAX) via the SATA III protocol and USB 3.0 Type-B interface.
- **Aluminum-Alloy Construction:** Durable and rugged aluminum shell designed for effective heat dissipation.
- **Intelligent Cooling System:** Features an 80mm intelligent temperature-controlled fan that adjusts speed automatically to maintain optimal operating temperature and reduce noise.
- **Tool-Free Drive Installation:** User-friendly PUSH Design for easy installation and replacement of hard drives using removable trays.
- **Non-RAID Functionality:** This model does not support hardware RAID. Software RAID can be configured using operating system tools (e.g., Disk Utility on macOS, Storage Spaces on Windows).

- **Wide Compatibility:** Compatible with Windows, macOS, and Linux operating systems.

4. SETUP INSTRUCTIONS

4.1 Hard Drive Installation

1. Gently press the front door of the enclosure to open it.
2. Pull out an empty drive tray.
3. For a 3.5-inch HDD, place the drive into the tray and secure it with the provided screws from the screw kit. For a 2.5-inch HDD/SSD, align the drive with the mounting holes and secure it with the appropriate screws.
4. Slide the loaded drive tray back into the corresponding bay until it clicks into place.
5. Repeat for additional drives.

For **2.5"/3.5"** HDD/SSDs

Support single disk up to **16TB**



Image 4.1: Illustration of installing 3.5-inch HDDs and 2.5-inch SSDs into the removable drive trays.

4.2 Connecting to Your Computer

1. Connect the 12V 6.5A power supply to the DC IN port on the rear of the enclosure and plug it into a power outlet.
2. Connect one end of the USB 3.0 data cable to the USB 3.0 Type-B port on the enclosure and the other end to an available USB 3.0 port on your computer.

12V6.5A External Power Supply



Image 4.2: Rear view of the enclosure showing the power supply and USB 3.0 Type-B connections.

4.3 Powering On

Press the power button located on the rear of the enclosure. The LED indicators on the front panel will illuminate, indicating that the enclosure is powered on and drives are active.

4.4 Initial Drive Formatting

If you are using brand new hard drives, they may need to be formatted and partitioned before your computer can recognize and use them. Please refer to your operating system's disk management tools (e.g., Disk Management in Windows, Disk Utility in macOS) to format the drives. **Important:** Always back up any existing data on drives before formatting.

5. OPERATING INSTRUCTIONS

5.1 Data Transfer

Once the drives are recognized by your computer, you can drag and drop files to and from the drives within the

enclosure as you would with any other external storage device. The USB 3.0 interface provides fast data transfer speeds.



Image 5.1: The Yottamaster PS400U3 connected to a laptop, demonstrating its use for data transfer.

5.2 Safely Ejecting Drives

To prevent data loss, always safely eject the enclosure from your computer before disconnecting the USB cable or powering off the device. Use your operating system's safe removal procedure (e.g., "Safely Remove Hardware" in Windows, "Eject" in macOS).

5.3 Non-RAID Operation

This PS400U3 model operates as a Direct Attached Storage (DAS) device without hardware RAID functionality. Each installed hard drive will appear as an independent volume on your computer. If you require RAID configurations, you must utilize software RAID tools provided by your operating system. For example, macOS users can use the RAID Assistant in Disk Utility, and Windows users can use Storage Spaces.

6. MAINTENANCE

6.1 Cooling Fan

The enclosure features an 80mm intelligent cooling fan to maintain optimal operating temperatures. Ensure the ventilation holes on the front and rear of the enclosure are not obstructed to allow for proper airflow. Periodically clean any dust accumulation from the fan and vents using compressed air.

80mm Cooling Fan Inside

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

Image 6.1: Internal view highlighting the 80mm cooling fan and airflow.

6.2 General Cleaning

Wipe the exterior of the enclosure with a soft, dry cloth. Avoid using liquid cleaners or solvents, as these may damage the finish or internal components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Yottamaster PS400U3 enclosure.

Q: How do I know if a hard drive has failed?

A: If one of the drives is damaged or failed, its corresponding indicator light on the enclosure will turn red, and the

enclosure may emit a warning sound (beep).

Q: How do I replace a hard drive?

A: If you need to replace a drive (either a failed one or for an upgrade), follow these steps:

- a. Safely eject the enclosure from your computer and then power off the enclosure.
- b. Pull out the drive tray containing the drive to be replaced.
- c. If inserting a new drive, format it on another device first if it's brand new.
- d. Insert the new drive into the original tray position and secure it. Reinsert the tray into the enclosure and power on the enclosure.

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

A: To add a new drive:

- a. Safely eject the enclosure from your computer and then turn off the enclosure.
- b. If the drive is brand new, format it on another device first.
- c. Insert the new drive into an empty tray and secure it. Insert the tray into an available bay. Do not change the order of existing drives if you are adding to an existing setup.

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

A: It is recommended to connect the device directly to your computer's USB port. 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.

8. SPECIFICATIONS

Model Number	PS400U3 (4328327051)
Brand	Yottamaster
Number of Bays	4
Supported Drive Types	2.5"/3.5" SATA HDD/SSD
Max Single Drive Capacity	16TB
Max Total Capacity	64TB
Hardware Interface	USB 3.0 Type-B
Data Transfer Rate	Up to 6Gbps (SATA III)
Cooling System	80mm Intelligent Temperature Control Fan
Material	Aluminum Alloy
Compatible Operating Systems	Windows, macOS, Linux
Dimensions	12.2 x 8.9 x 7.2 inches (approximate)
Item Weight	8.58 pounds (approximate)

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official Yottamaster website. For further technical support or inquiries, you may visit the [Yottamaster Store on Amazon](#) or contact Yottamaster customer service directly.

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