

Yottamaster SO6

Yottamaster SO6-C3 10-in-1 USB-C Hub with NVMe SSD Enclosure User Manual

Model: SO6-C3

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1. INTRODUCTION

The Yottamaster SO6-C3 10-in-1 USB-C Hub with NVMe SSD Enclosure is a versatile docking station designed to expand the connectivity of your USB-C enabled devices. It integrates multiple ports for data transfer, video output, power delivery, and an M.2 NVMe SSD slot for additional storage.

2. KEY FEATURES

- **10Gbps USB Ports:** Features 3x USB-A and 2x USB-C ports, all supporting USB 3.1 Gen 2 for data transfer speeds up to 10Gbps.
- **NVMe SSD Enclosure:** Integrated M.2 NVMe SSD slot supporting M-Key and B&M-Key 2230/2242/2260/2280 NVMe SSDs up to 8TB. Does not support SATA drives.
- **100W Power Delivery (PD):** Supports up to 100W PD charging for your host device via the dedicated USB-C charging port. An external PD charger (not included) is required.
- **Dual 4K HDMI Output:** Two HDMI ports support dual 4K@60Hz display output. Note: Mac systems do not support Multi-Stream Transport (MST), resulting in mirrored displays.
- **Gigabit Ethernet:** Provides a stable and fast 1000Mbps Ethernet connection.
- **SD/TF Card Reader:** Supports SD 2.0 for quick access to photos and videos. SD and TF cards cannot be used simultaneously.
- **3.5mm Audio Jack:** Combined stereo and microphone functionality.



Image: The Yottamaster SO6-C3 10-in-1 USB-C Hub, highlighting its various ports including HDMI, USB-C PD, SD/TF card slots, and USB-A ports.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Yottamaster SO6-C3 USB-C Hub with M.2 NVMe Enclosure
- USB-C to USB-C Cable
- Screwdriver
- Silicone Thermal Pad
- User Manual

M.2 NVMe Enclosure



Only for NVMe SSD | Support up to 8TB



M Key ✓



B&M Key ✓



2230 ✓



2242 ✓



2260 ✓



2280 ✓



Image: A visual representation of the Yottamaster SO6-C3 hub and its included accessories: USB-C cable, screwdriver, silicone thermal pad, and user manual.

4. SETUP & INSTALLATION

4.1 NVMe SSD Installation

1. **Unscrew the Enclosure:** Use the provided screwdriver to remove the screw securing the NVMe SSD slot cover on the bottom of the hub.
2. **Open the Lid:** Carefully lift the metal lid to expose the M.2 NVMe slot.
3. **Insert M.2 NVMe SSD:** Gently insert your M-Key or B&M-Key 2230/2242/2260/2280 NVMe SSD into the slot. Ensure it is seated correctly.
4. **Apply Thermal Pad:** Remove the protective film from both sides of the silicone thermal pad and place it onto the installed SSD.
5. **Secure the Lid:** Replace the metal lid and secure it with the screw using the screwdriver.

PD100W Fast Charging



Support 100W fast charging with PD charger.



Image: Step-by-step visual guide for installing an M.2 NVMe SSD into the Yottamaster SO6-C3 enclosure, including removing the cover, inserting the SSD, and applying the thermal pad.

Your browser does not support the video tag.

Video: An unboxing and installation guide for the Yottamaster USB3.2 Hub with SSD Enclosure, demonstrating the process of installing an NVMe SSD.

4.2 Connecting to Your Device

1. **Connect Power (Optional but Recommended):** For optimal performance, especially when using high-power devices or NVMe SSDs larger than 1TB, connect a PD charger (29W/45W/65W/100W) to the dedicated USB-C charging port on the hub.
2. **Connect to Host Device:** Use the provided USB-C to USB-C cable to connect the hub to your laptop, tablet, or other compatible USB-C device.
3. **Indicator Light:** A blue LED light will illuminate, indicating the hub is powered on and connected. A red light indicates SSD activity.

Your browser does not support the video tag.

Video: A demonstration of connecting the Yottamaster 10Gbps USB-C Hub with M.2 NVMe Enclosure to a MacBook, showing the setup process and various ports in use.

5. OPERATION

Once connected, the Yottamaster SO6-C3 hub functions as a plug-and-play device. Your operating system (Windows, Mac OS, Linux) should automatically detect and configure the connected peripherals and the NVMe SSD.

5.1 Using USB Ports

Connect your USB-A and USB-C peripherals (e.g., external hard drives, keyboards, mice) to the corresponding ports. All USB 3.1 Gen 2 ports support up to 10Gbps data transfer. When the hub is connected to an external power supply, USB-A ports output 5V/1.5A and USB-C ports output 20V/3A (5A Max). Without an external power supply, USB-A/USB-C ports output Max 5V/0.9A.

5.2 Video Output

Connect up to two external monitors via the HDMI ports for dual 4K@60Hz display. For Windows systems, Multi-Stream Transport (MST) is supported, allowing for extended displays. For Mac systems, only mirrored displays are supported due to OS limitations.



Yottamaster

Y-SOBER

10Gbps USB3.2 Hub



ALL USB Ports support 10Gbps transfer



Image: The Yottamaster SO6-C3 hub facilitating a 4K@60Hz display output from a laptop to an external monitor, demonstrating its video capabilities.

5.3 SD/TF Card Reader

Insert your SD or TF (microSD) card into the respective slot to access its contents. Note that SD and TF cards cannot be used simultaneously.

5.4 Gigabit Ethernet

Connect an Ethernet cable to the LAN port for a stable and high-speed wired network connection up to 1000Mbps.

5.5 Audio In & Out

Plug your headphones or speakers into the 3.5mm audio jack for audio output, or connect a microphone for input.

6. MAINTENANCE

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the hub to extreme temperatures, humidity, or direct sunlight.
- Ensure proper ventilation around the hub, especially during extended use, as it may generate heat.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.

7. SPECIFICATIONS

Model	SO6-C3
Material	Aluminum Alloy
Color	Grey
Dimensions	135.5 x 73 x 16mm
Input Port	USB3.1 Gen2 Type-C x1
Output Ports	HDMI x2 (4K@60Hz) USB3.1 Gen2 10Gbps Type-C x1 USB3.1 Gen2 10Gbps USB-A x3 Gigabit Ethernet x1 SD/TF Card Reader x1 (SD 2.0) 3.5mm Headphone/Microphone Combo x1 M.2 NVMe SSD Slot x1 (Supports M-Key and B&M-Key 2230/2242/2260/2280 NVMe SSDs up to 8TB)
Power Supply	PD 29W/45W/65W/100W (external PD charger not included)
Supported Systems	Windows, Mac OS, Linux

8. TROUBLESHOOTING

- **No Power/Device Not Recognized:**
 - Ensure the USB-C cable is securely connected to both the hub and your host device.
 - If using an external power supply, ensure it is properly connected and provides sufficient wattage (e.g., 100W PD charger).
 - Try connecting the hub to a different USB-C port on your host device.
 - Restart your host device.
- **NVMe SSD Not Detected or Slow Performance:**
 - Verify the SSD is correctly installed in the slot and the cover is secured.
 - Ensure the SSD is an M.2 NVMe type; SATA SSDs are not supported.
 - For SSDs larger than 1TB or for optimal performance, an external power supply is highly recommended.
 - Check disk management on your operating system to see if the SSD needs to be initialized or formatted.
 - Ensure the thermal pad is correctly applied to help with heat dissipation, as high temperatures can affect performance.
- **Display Issues (No Signal, Flickering, Incorrect Resolution):**

- Ensure HDMI cables are securely connected to both the hub and the monitors.
- Check your display settings on your host device to ensure the correct resolution and refresh rate are selected.
- For Mac users, remember that MST (extended display) is not supported; displays will be mirrored.
- Try using different HDMI cables or monitors to rule out cable/monitor issues.

- **SD/TF Card Not Reading:**

- Ensure only one card (SD or TF) is inserted at a time, as simultaneous use is not supported.
- Check if the card is inserted correctly and fully seated.
- Test the card with another device to ensure it is not faulty.

- **Ethernet Connection Problems:**

- Verify the Ethernet cable is securely connected to both the hub and your router/modem.
- Check your network settings on your host device.
- Ensure your router/modem is functioning correctly.

9. WARRANTY AND SUPPORT

Yottamaster products typically come with a standard manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the official Yottamaster website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official Website: www.yottamaster.com

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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