

Manuals.plus /

> [Yottamaster](#) /

> Yottamaster Thunderbolt 3 Dock with M.2 NVMe & SATA Enclosure Built-in Fan, USB C Laptop Docking Station Dual 4K Display, 65W Charging, 8TB Expansion, Ethernet, Audio [MS5]

Yottamaster MS5

# Yottamaster Thunderbolt 3 Dock (MS5) Instruction Manual

Model: MS5 | Brand: Yottamaster

## 1. PRODUCT OVERVIEW

The Yottamaster Thunderbolt 3 Dock with M.2 NVMe & SATA Enclosure is a versatile docking station designed to expand the connectivity and storage capabilities of your laptop. It features high-speed data transfer, multiple display outputs, power delivery, and integrated storage expansion.



Image: The Yottamaster Thunderbolt 3 Dock, showcasing its compact design and various ports with connected cables, including USB, Ethernet, and audio.

Video: An official product video from Yottamaster demonstrating the key features and connectivity options of the Thunderbolt 3 Dock with Dual M.2 Slot.

## 2. PACKAGE CONTENTS

---

Please verify that all items are present in the package:

- Yottamaster Thunderbolt 3 Dock (MS5)
- Thunderbolt 3 Cable
- Power Adapter
- Screwdriver and Screws for SSD installation
- User Manual

# Cooling Fan Inside

Optimized ventilation structure with built-in fan and cooling holes

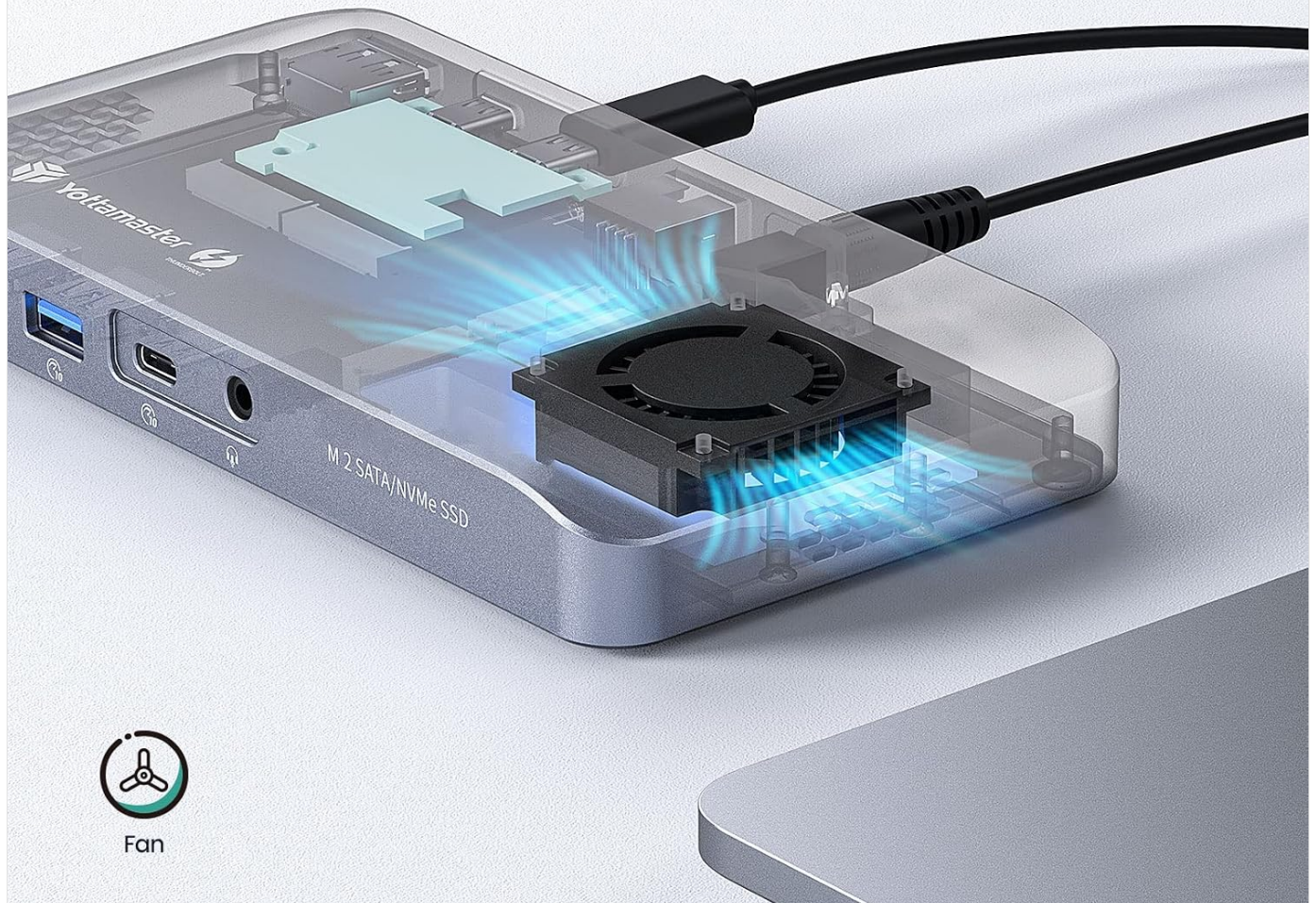


Image: The complete package contents of the Yottamaster Thunderbolt 3 Dock, including the dock itself, power adapter, cables, and tools for SSD installation.

## 3. SETUP GUIDE

### 3.1. SSD Installation (Optional)

The dock supports dual M.2 NVMe and SATA SSDs (2280 form factor) up to 8TB total (2x4TB). Follow these steps to install your SSDs:

1. Carefully open the M.2/SATA enclosure cover on the dock using the provided screwdriver.
2. Insert your M.2 NVMe or SATA SSD into the corresponding slot. Ensure the keying (B&M Key for SATA, M Key for NVMe) matches the slot.
3. Secure the SSD with the provided screw.
4. Close the enclosure cover.

# Dual M.2 NVMe & SATA Enclosure

Only for 2280 NVMe/SATA SSD  
Support up to 8TB(2X4TB)



SATA Protocol  
6Gbps MAX

NVMe Protocol 40Gbps MAX



雷电3 M.2 SATA/NVMe SSD扩展坞  
Thunderbolt 3 Hub M.2 SATA/NVMe Enclosure  
型号/Model: MS5-T3  
输入/Input: DC\*1, Thunderbolt 3\*1, LAN\*1  
输出/Output: Thunderbolt 3\*1, DP1.4\*1,  
USB-A\*3, Type-C\*1, AUX\*1

FC CE RoHS  
东莞市尤达大师电子科技有限公司  
YOTTAMASTER Technologies CO., Ltd.  
中国制造 Made In China



Image: A detailed view of the dual M.2 NVMe and SATA enclosure, illustrating the two slots for SSD installation and supported key types.

## 3.2. Connecting the Dock

To set up your Yottamaster Thunderbolt 3 Dock:

1. Connect the power adapter to the DC-IN port on the dock and plug it into a power outlet.
2. Connect one end of the Thunderbolt 3 cable to the Thunderbolt 3 (In) port on the dock.
3. Connect the other end of the Thunderbolt 3 cable to a Thunderbolt 3 or Thunderbolt 4 port on your laptop.
4. Connect your external monitors to the DP1.4 port and/or the Thunderbolt 3 (Out) port using appropriate cables (DisplayPort, USB-C to DisplayPort/HDMI).
5. Connect your peripherals (USB devices, Ethernet cable, audio devices) to the respective ports on the dock.



Image: A clear diagram labeling all input and output ports on the Yottamaster Thunderbolt 3 Dock, including USB-A, USB-C, Audio, DC-IN, Gigabit Ethernet, Thunderbolt 3 (In/Out), and DP Port.

## 4. OPERATING INSTRUCTIONS

### 4.1. Data Transfer

The dock utilizes Thunderbolt 3 technology, providing up to 40Gbps data transfer speed. This allows for rapid file transfers to and from connected SSDs and external drives.

# Thunderbolt 3 40Gbps

Enjoy the blazing speed



Note: Support Windows 8 and above/Mac Os 10.12 and above.

Image: The Yottamaster dock connected to a laptop, highlighting the 40Gbps Thunderbolt 3 data transfer capability.

## 4.2. Display Output

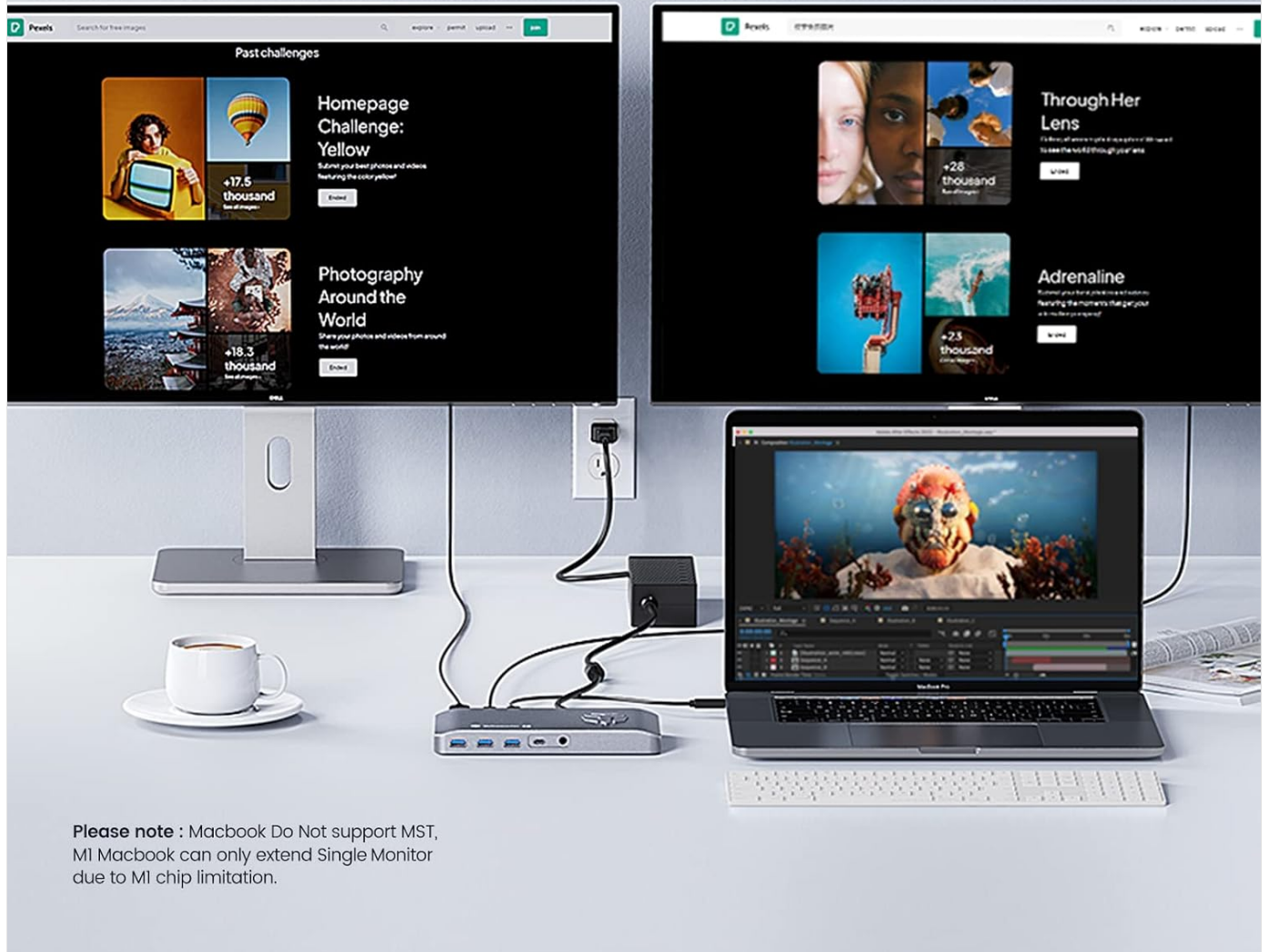
The dock supports high-resolution display configurations:

- **Single Monitor:** Up to 8K@60Hz via DisplayPort 1.4 or Thunderbolt 3 (Out) port.
- **Dual Monitors:** Up to dual 4K@60Hz via DisplayPort 1.4 and Thunderbolt 3 (Out) port.

**Note:** MacBook does not support Multi-Stream Transport (MST). M1 MacBook can only extend a single monitor due to M1 chip limitations.

# Single 8K@60Hz Dual 4K@60Hz HD Display

Applied with DP1.4+Thunderbolt 3 for  
multi-task screen display



**Please note :** Macbook Do Not support MST,  
M1 Macbook can only extend Single Monitor  
due to M1 chip limitation.

Image: A setup demonstrating a laptop connected to two external 4K monitors through the Yottamaster Thunderbolt 3 Dock, enabling a multi-task screen display.

## 4.3. Power Delivery

The dock provides power delivery to your connected laptop and other devices:

- **Upstream Charging:** Delivers up to 65W Power Delivery (PD) to charge your connected laptop.
- **Downstream Charging:** Provides up to 15W charging for connected devices via USB ports.

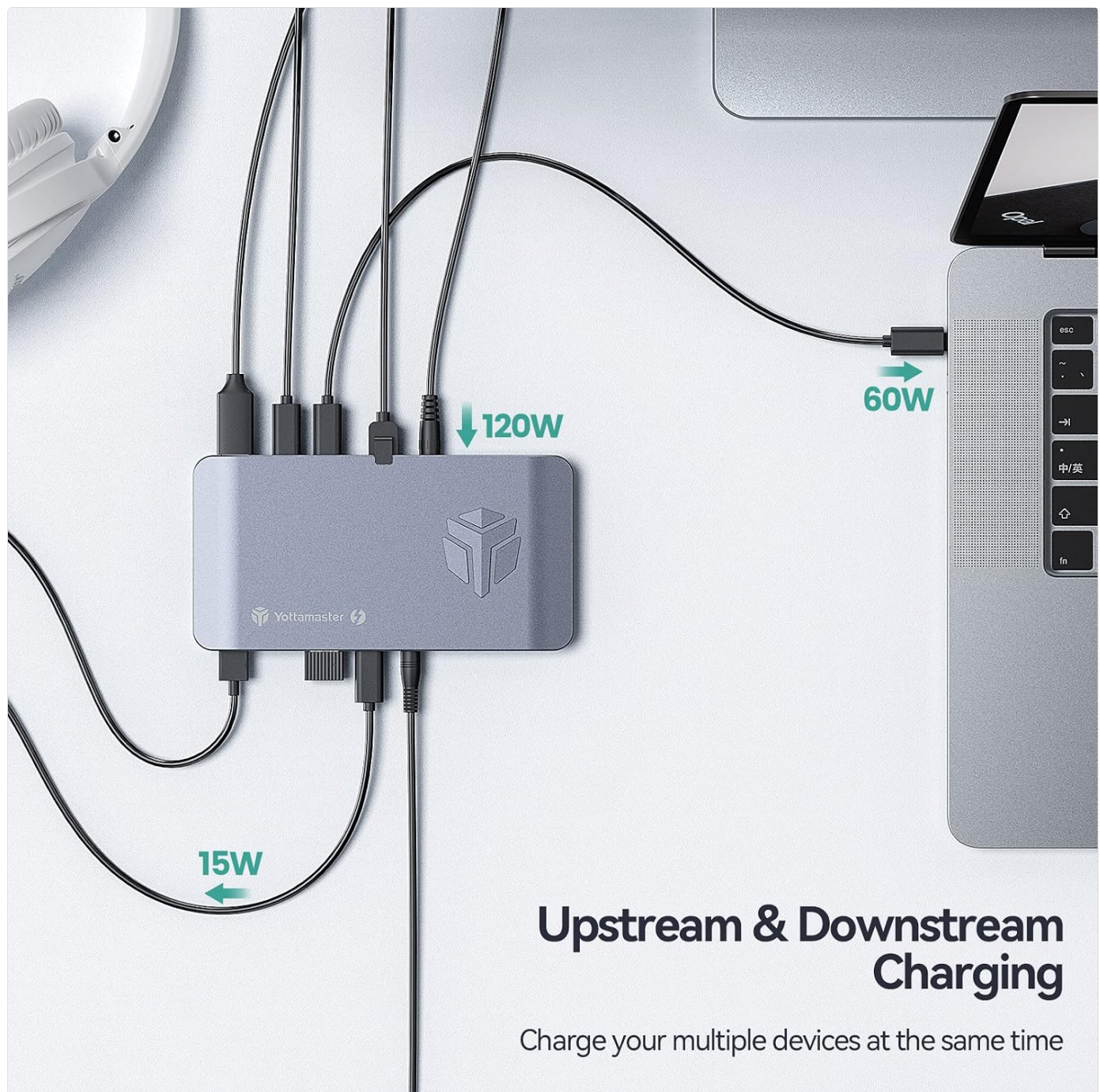


Image: A visual representation of the upstream and downstream charging capabilities of the dock, showing 60W power delivery to the laptop and 15W to a connected phone.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your Yottamaster Thunderbolt 3 Dock, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the dock. Avoid using liquid cleaners or aerosols.
- **Ventilation:** Ensure the cooling fan and ventilation holes are not obstructed to prevent overheating. The dock features a built-in cooling fan for optimized heat dissipation.
- **Storage:** When not in use for extended periods, store the dock in a cool, dry place away from direct sunlight and extreme temperatures.

# Cooling Fan Inside

Optimized ventilation structure with built-in fan and cooling holes

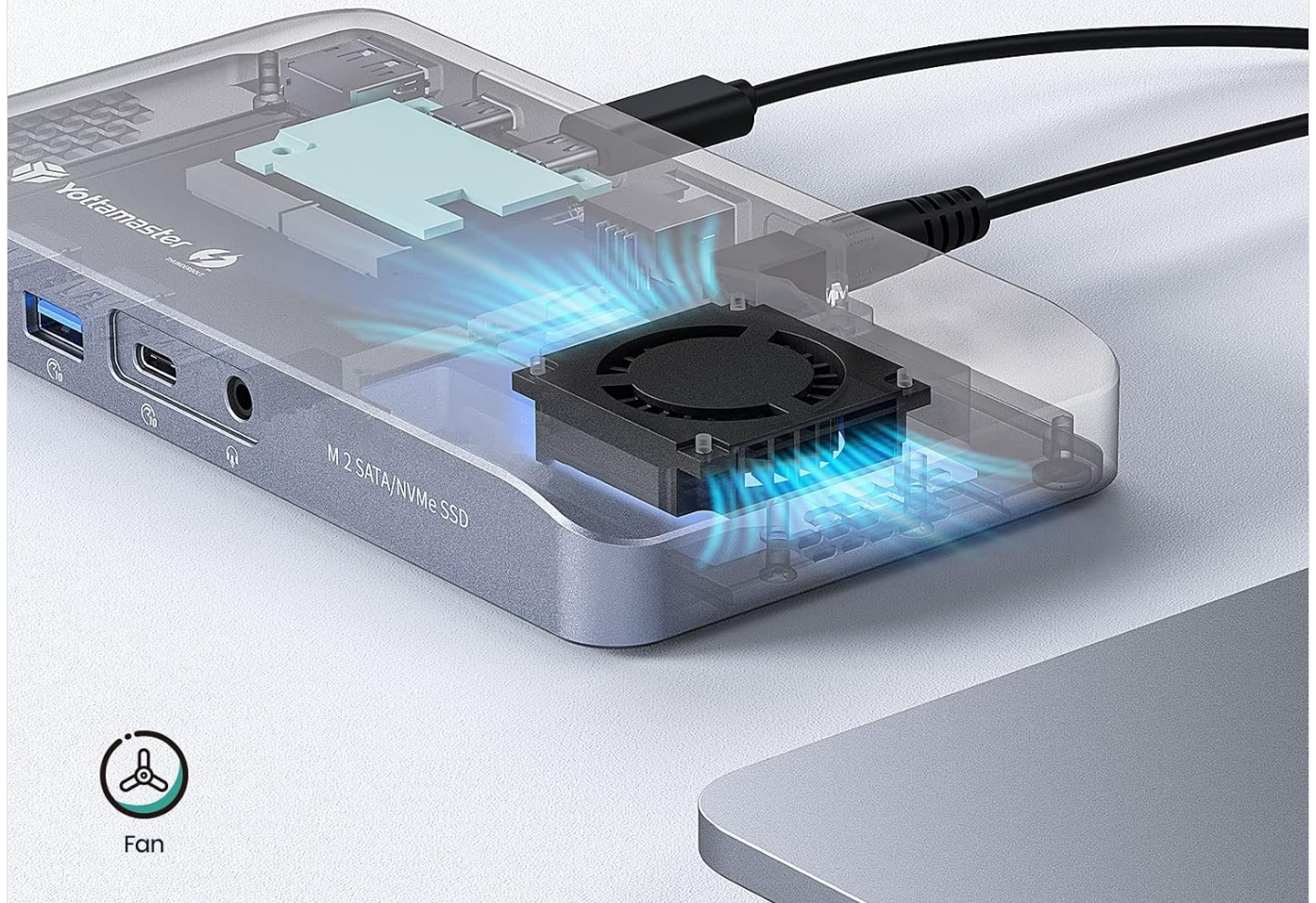


Image: An X-ray view of the Yottamaster dock, illustrating the internal cooling fan and its airflow path for efficient heat management.

## 6. TROUBLESHOOTING

If you encounter issues with your Yottamaster Thunderbolt 3 Dock, refer to the following common problems and solutions:

- **No Power/Indicator Light Off:**

Ensure the power adapter is securely connected to both the dock and a working power outlet. Try a different outlet if necessary.

- **No Display Output:**

Verify that the Thunderbolt 3 cable is correctly connected to both the dock and your laptop. Check display cables (DisplayPort, USB-C to display) are securely connected to both the dock and the monitor. Ensure your laptop's display settings are configured to detect and extend/mirror displays. Confirm your laptop supports the desired display resolution and refresh rate.

- **SSD Not Recognized:**  
Ensure the M.2 NVMe/SATA SSD is correctly installed and secured within the enclosure. For new SSDs, it may need to be initialized and formatted through your operating system's Disk Management (Windows) or Disk Utility (macOS).
- **Slow Data Transfer Speed:**  
Ensure you are using a certified Thunderbolt 3 cable. Verify that your laptop's port is a Thunderbolt 3 or 4 port, not just a USB-C port. Performance can be affected by the type and speed of the SSD installed.
- **Peripherals Not Working:**  
Try connecting the peripheral to a different USB port on the dock. Ensure the peripheral has necessary drivers installed on your computer.

If the issue persists after trying these steps, please contact Yottamaster customer support for further assistance.

## 7. SPECIFICATIONS

|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Brand               | Yottamaster                                                            |
| Model               | MS5                                                                    |
| Hardware Interface  | Thunderbolt 3, USB Type C                                              |
| Compatible Devices  | MacBook Pro (and other Thunderbolt 3/4 enabled laptops)                |
| Storage Enclosure   | Dual M.2 NVMe & SATA (2280), up to 8TB (2x4TB)                         |
| Data Transfer Speed | Up to 40Gbps (Thunderbolt 3)                                           |
| Display Output      | 1x DP1.4 (8K@60Hz single), 1x Thunderbolt 3 (Out) (4K@60Hz dual)       |
| Power Delivery      | 65W Upstream PD, 15W Downstream                                        |
| Total USB Ports     | 5 (2x USB-A 5Gbps, 1x USB-A 10Gbps, 1x USB-C 10Gbps, 1x Thunderbolt 3) |
| Ethernet            | Gigabit Ethernet                                                       |
| Audio               | Audio In & Out (3.5mm jack)                                            |
| Cooling             | Built-in Fan                                                           |
| Dimensions          | 9.09 x 5.16 x 3.11 inches                                              |
| Item Weight         | 2.48 pounds                                                            |

## 8. WARRANTY AND SUPPORT

Yottamaster products are covered by a limited warranty. For detailed warranty information, product registration, or technical support, please visit the official Yottamaster website or contact their customer service directly. Keep your purchase receipt for warranty claims.

**Online Resources:**

- Yottamaster Official Website: [www.yottamaster.com](http://www.yottamaster.com)
- Amazon Brand Store: [Yottamaster Store on Amazon](#)

© 2023 Yottamaster. All rights reserved.

## 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

Open the live page

<https://manuals.plus/asin/B09WH18DST>

More documents and user manuals: <https://manuals.plus/>