

## TOTU TT-HB001C

# TOTU USB-C Hub User Manual

Model: TT-HB001C

Brand: TOTU

## 1. INTRODUCTION

This user manual provides detailed instructions for the TOTU USB-C Hub, model TT-HB001C. This versatile 8-in-1 hub is designed to expand the connectivity of your USB Type-C enabled devices, offering a comprehensive solution for data transfer, video output, network connection, and power delivery.

The TOTU USB-C Hub is compact and portable, making it an ideal companion for laptops and other compatible devices, whether for business travel or daily use.

## 2. PRODUCT FEATURES

- **Multiport Connectivity:** Includes 1 Ethernet/RJ-45 Port, 1 USB Type-C Female PD charging port, 1 HDMI port, 1 TF (Micro SD) card slot, 1 SD card slot, 1 USB 2.0 Type-A port, and 2 USB 3.0 Type-A ports.
- **Effortless Data Transfer:** Connect smartphones, tablets, hard drives, or other USB peripherals via USB 3.0 ports for high-speed data transfer (up to 5Gbps). The USB 2.0 port is optimized for low-rate devices like mice and keyboards.
- **Dual Card Reading:** Built-in SD and TF slots allow simultaneous access to files from universal SD and Micro SD memory cards.
- **Stable Network Connection:** The 1000Mbps Ethernet port ensures a more stable and faster wired network connection compared to Wi-Fi.
- **Power Delivery (PD):** Supports PD charging at a maximum of 87W, allowing you to securely charge your connected MacBook or other Type-C laptops through the hub.
- **4K HDMI Output:** Provides high-definition video output, supporting resolutions up to 4K.
- **Compact and Portable Design:** Lightweight and small, designed for easy transport.

# 8-IN-1 HUB

Meet All of Your Demands



Figure 2.1: Overview of the TOTU USB-C Hub's 8-in-1 port configuration, including USB-C PD, HDMI, TF/SD card slots, Ethernet, USB 2.0, and USB 3.0 ports.

## 3. SETUP GUIDE

Follow these steps to set up your TOTU USB-C Hub:

1. **Connect to Host Device:** Plug the USB-C connector of the hub into the USB Type-C port on your laptop, tablet, or smartphone. Ensure your device's USB-C port supports Display Alt Mode and Power Delivery for full functionality.

2. **Power Connection (Optional):** For charging your host device through the hub, connect your original power adapter to the USB Type-C Female PD charging port on the hub.

3. **Peripheral Connections:**

- **HDMI:** Connect an HDMI cable from the hub's HDMI port to your external monitor, TV, or projector for video output.
- **Ethernet:** For a wired network connection, plug an Ethernet cable into the RJ-45 port on the hub.
- **USB Devices:** Connect USB flash drives, external hard drives, keyboards, mice, or other USB peripherals to the USB 3.0 or USB 2.0 Type-A ports.
- **SD/TF Cards:** Insert your SD or Micro SD (TF) memory cards into the corresponding slots for data access.

Your browser does not support the video tag.

Video 3.1: A demonstration of connecting the TOTU USB-C Hub to a laptop and utilizing its various ports for internet, data transfer, charging, and HDMI output.

## 4. OPERATING INSTRUCTIONS

---

### 4.1. HDMI Video Output

The HDMI port supports resolutions up to 4K. You can use it in two primary modes:

- **Mirror Mode:** Duplicates your laptop's screen onto the external display. This is useful for presentations or sharing content.
- **Extension Mode:** Extends your desktop across multiple screens, allowing for increased workspace and multitasking.

To configure display settings, refer to your operating system's display preferences (e.g., System Preferences > Displays on macOS, Display Settings on Windows).

# 4K HD VIDEO OUTPUT



Figure 4.1: The hub facilitating 4K HD video output from a laptop to an external monitor, demonstrating its display capabilities.

## 4.2. Data Transfer (USB Ports & Card Readers)

The USB 3.0 ports offer high-speed data transfer for compatible devices. The USB 2.0 port is suitable for devices that do not require high bandwidth, such as keyboards and mice, to prevent interference with high-speed data transfers.

The SD and TF card slots allow for quick and easy access to photos and files from your memory cards. Both slots can be used simultaneously.



## DOUBLE ASSURANCE

Combine both USB 3.0 and USB 2.0 design, apply to all the high-speed and low-speed devices, ease of use.



Thumb Drive



Keyboard



Mouse



Phone



Figure 4.2: The hub's USB 3.0 and USB 2.0 ports in use, demonstrating compatibility with both high-speed and low-speed devices like thumb drives, keyboards, mice, and phones.

### 4.3. Ethernet Connection

The Gigabit Ethernet port provides a stable and reliable wired internet connection, ideal for situations where Wi-Fi is unstable or unavailable. Simply plug in an Ethernet cable, and your device should automatically detect the connection.



Figure 4.3: The hub providing instant Ethernet connectivity to a laptop, supporting speeds up to 1 Gbps.

#### 4.4. Power Delivery

The USB-C PD port allows for pass-through charging of your host device while using the hub. Connect your laptop's original USB-C power adapter to this port. The hub supports up to 87W power delivery.

## FAST CHARGING & DATA TRANSFER

Pass-through power delivery 2.0, charging your device while using your hub



Figure 4.4: The hub enabling fast charging and data transfer simultaneously, with a laptop and smartphone connected and receiving power.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your TOTU USB-C Hub, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the hub. Avoid using liquid cleaners, aerosols, or abrasive solvents.

- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, it is recommended to disconnect it from your device.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not attempt to disassemble or modify the device, as this will void the warranty.
- **Port Care:** Ensure that all ports are free from dust and debris before inserting cables or cards.

## 6. TROUBLESHOOTING

If you encounter issues with your TOTU USB-C Hub, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No display output via HDMI.	Incorrect display settings. Incompatible USB-C port on host device (does not support Display Alt Mode). Loose HDMI cable connection.	Check your device's display settings and ensure the external monitor is detected. Verify your laptop's USB-C port supports video output. Ensure the HDMI cable is securely connected to both the hub and the display. Try a different HDMI cable or monitor.
USB devices not recognized or slow.	Insufficient power. Driver issues (especially on Windows). Faulty USB device or cable.	Ensure the hub is connected to power if using power-intensive devices. Reconnect the USB device. For Windows users, check Device Manager for unrecognized devices and update/reinstall drivers. Try connecting the USB device directly to your computer to rule out device issues.
Ethernet connection unstable or not working.	Loose Ethernet cable. Network driver issues. Router/modem problem.	Ensure the Ethernet cable is securely plugged into the hub and your router/modem. Restart your router/modem. Check your device's network settings. On Windows, you might need to manually install a generic Broadcom NetXtreme driver if automatic detection fails.
Laptop not charging via PD port.	Power adapter not connected or faulty. Host device's USB-C port does not support Power Delivery.	Ensure your power adapter is connected to the hub's PD port and is functioning correctly. Verify your laptop's USB-C port supports Power Delivery.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	TT-HB001C
Brand	TOTU



Feature	Detail
Color	Pink
Connectivity	USB Type-C (Host Connection)
Ports	1x Ethernet/RJ-45 (10/100/1000Mbps) 1x USB Type-C Female (PD Charging, Max 87W) 1x HDMI (4K Output) 1x TF (MicroSD) Card Slot 1x SD Card Slot 1x USB 2.0 Type-A Port 2x USB 3.0 Type-A Ports (5Gbps)
Item Weight	4.1 ounces
Package Dimensions	5.91 x 3.27 x 1.22 inches
Compatible Devices	Laptops with USB Type-C port supporting Display Alt mode and Power Delivery (e.g., MacBook/MacBook Pro 2016+, MacBook Air 2018+, Google Pixelbook, DELL XPS, HP Spectre, Surface Book 2/Pro 7/Go), Smartphones (e.g., Samsung Galaxy S8/S8 Plus/S9/S9 Plus/Note 8/Note 9, LG G5/V20 and Huawei high-end series).

## 8. WARRANTY AND SUPPORT

Your TOTU USB-C Hub comes with a user manual included in the package. For further assistance, technical support, or warranty information, please visit the official TOTU brand store or contact customer service.

Official User Manual (PDF): [Download PDF Manual](#)

TOTU Brand Store: [Visit Store](#)