TOTU TT-HB013A

TOTU 13-in-1 USB C Hub Instruction Manual
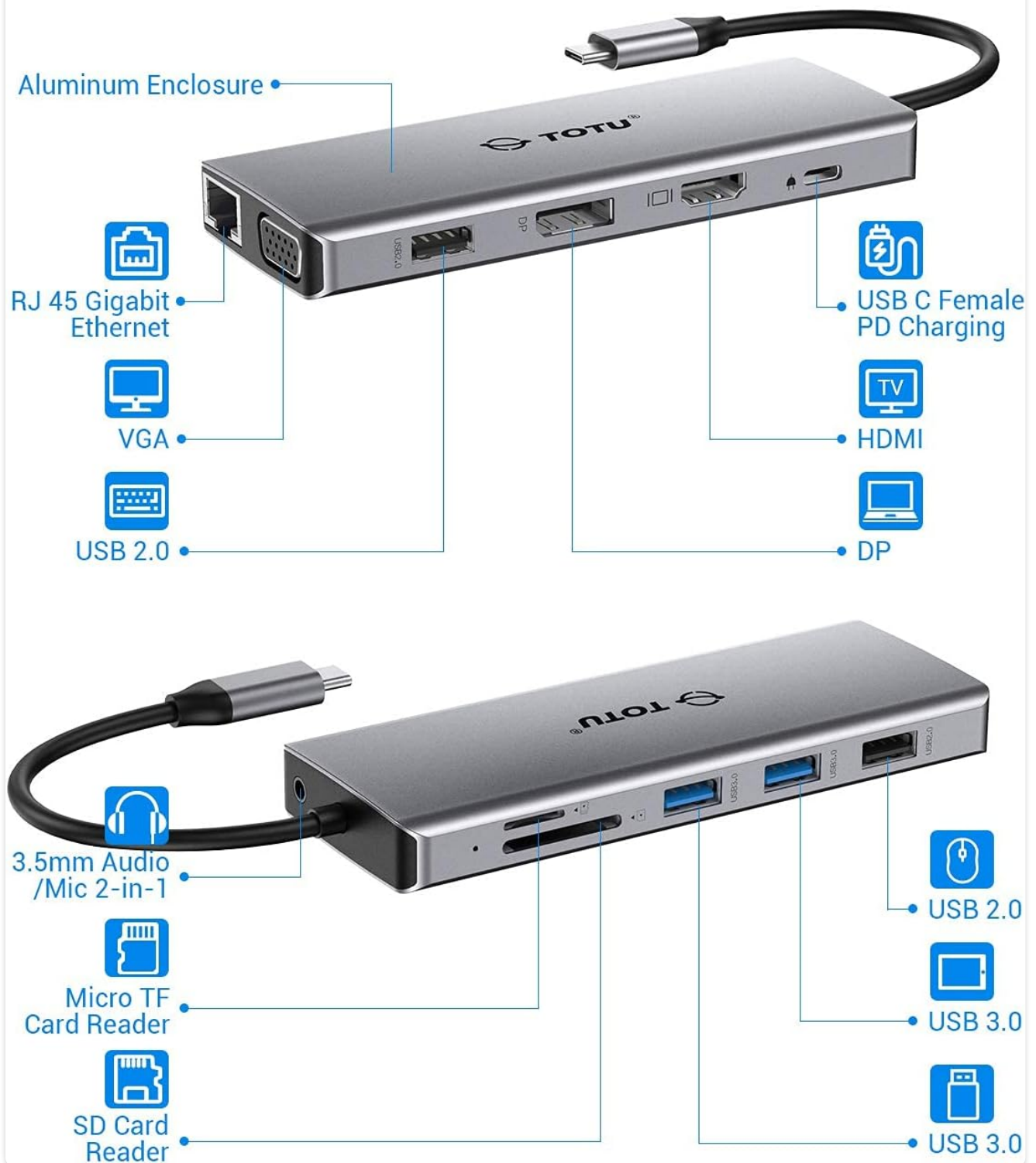
Model: TT-HB013A | Brand: TOTU

| Overview | Features | Setup | Operation | Specifications & Support | Maintenance | Troubleshooting | Warranty |

1. PRODUCT OVERVIEW

The TOTU 13-in-1 USB C Hub (Model TT-HB013A) is a versatile docking station designed to expand the connectivity of your USB-C enabled laptop or device. It provides multiple ports for display output, high-speed data transfer, and power delivery, enhancing productivity and convenience.

Figure 1: The TOTU 13-in-1 USB C Hub, showcasing its compact design and multiple connectivity options including USB, HDMI, DisplayPort, and audio jacks.

This hub is ideal for users seeking to connect multiple peripherals, external displays, and network connections through a single USB-C port.

2. Key Features and Port Layout

The TOTU 13-in-1 USB C Hub offers a comprehensive set of ports to meet diverse connectivity needs. Below is a detailed layout and description of each port:

HDMI + VGA + DP IN ONE USB C HUB

Aluminum Enclosure

RJ 45 Gigabit Ethernet

VGA

USB 2.0

USB C Female PD Charging

HDMI

DP

3.5mm Audio /Mic 2-in-1

Micro TF Card Reader

SD Card Reader

USB 2.0

USB 3.0

USB 3.0

- **HDMI Port (1):** Supports up to 4K UHD (3840x2160) at 30Hz for high-resolution video output.

- **DisplayPort (2):** Supports up to 4K UHD (3840x2160) at 30Hz for high-resolution video output.

- **VGA Port (3):** Supports up to 1080P (1920x1080) at 60Hz for standard video output.

- **USB 3.0 Type-A Ports (2):** Data transfer speed up to 5Gbps, ideal for connecting external hard drives, flash drives, and other high-speed peripherals.

- **USB 2.0 Type-A Ports (2):** Data transfer speed up to 480Mbps, recommended for connecting mouse, keyboard, and other low-bandwidth devices to avoid potential USB 3.0 radio frequency interference.

- **SD Card Slot (6):** Supports memory cards up to 512GB with read/write speeds up to 104 MB/s.

- **TF Card Slot (7):** Supports memory cards up to 512GB with read/write speeds up to 104 MB/s. SD/TF memory cards can be used simultaneously.

- **USB Type-C Female PD3.0 Charging Port (8):** For Type-C laptop or Type-C smartphone charging. Input power 20V/3A max (Please use a 45W or above adapter for laptop charging).

- **RJ45 Gigabit Ethernet Port:** Provides stable and fast wired network connection (10/100/1000 Mbps).

- **3.5mm Audio/Mic 2-in-1 Jack:** For connecting headphones or speakers.

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3. SETUP GUIDE

Follow these steps to set up your TOTU 13-in-1 USB C Hub:

1. **Compatibility Check:** Ensure your laptop's USB-C port supports DisplayPort Alt Mode and Power Delivery for full functionality. The hub is incompatible with USB-A to USB-C adapters.

2. **Connect to Host Device:** Plug the integrated USB-C cable of the hub into the USB-C port of your laptop or compatible device.

3. **Power Delivery (Optional but Recommended):** For stable operation and charging your laptop, connect a 45W or above USB-C power adapter to the PD3.0 charging port on the hub.

SUPER FAST AND STABLE DATA TRANSFER

USB3.0 : 5Gbps data transmission

USB2.0 : Best connect option for mouse or keyboard

Figure 2: Connecting the USB C Hub to a laptop and power source for charging.

4. **Connect Peripherals:** Plug your desired peripherals (e.g., external monitors, USB drives, keyboard, mouse, Ethernet cable, audio devices) into the corresponding ports on the hub.

5. **Driver Installation:** The hub is generally plug-and-play for most operating systems (Windows 7/8/8.1/10, Mac OS X 10.6 or later, Linux 2.6.14 or later). No additional drivers are typically required.

4. OPERATING INSTRUCTIONS

4.1. Display Modes

The TOTU 13-in-1 USB C Hub supports various display configurations depending on your operating system:

For macOS Systems:

macOS only supports mirror display across multiple external monitors. The laptop's own screen will also mirror the external displays.

Figure 3: Mirror Mode on macOS, where all connected displays show identical content.

For Windows Systems:

Windows systems support triple display in extended mode, including the laptop's own display. The resolution for extended mode will be limited to 1080P.

Figure 4: Extended Mode on Windows, allowing different content on each display.

Figure 5: Multi-display mode comparison between Windows (supports MST) and macOS (mirror only).

4.2. Data Transfer

The hub features both USB 3.0 and USB 2.0 ports for efficient data transfer:

- **USB 3.0 Ports:** Offer ultra-high-speed data sync up to 5 Gbps, suitable for large file transfers and connecting high-bandwidth devices.
- **USB 2.0 Ports:** Provide transfer speeds of 480 Mbps. It is advisable to connect your mouse or keyboard to these ports to avoid potential radio frequency interference from USB 3.0 devices.

COMPATIBLE WITH THE AUDIO DEVICE
2 in 1 headset enables better user experience

Figure 6: USB 3.0 and USB 2.0 ports for super fast and stable data transfer.

4.3. Audio Connectivity

The integrated 3.5mm audio/mic 2-in-1 jack allows you to connect headphones or speakers for an enhanced audio experience.

CHARGING YOUR LATEST TYPE C LAPTOP

Please use 45W above power adapter

Figure 7: The 3.5mm audio jack enables connection to various audio devices.

5. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	TOTU

Feature	Specification
Model Number	TT-HB013A
Material	Aluminum alloy, ABS
Connector	USB 3.1 Type-C connector
HDMI Port	Up to 4K UHD (3840x2160@30Hz)
DisplayPort	Up to 4K UHD (3840x2160@30Hz)
VGA Port	1080P (1920x1080@60Hz)
USB 3.0 Type-A Ports	Data transfer speed up to 5Gbps
USB 2.0 Type-A Ports	Data transfer speed up to 480Mbps
SD Card Slot	Supported memory card capacity up to 512GB, Read/Write speed up to 104 MB/s
TF Card Slot	Supported memory card capacity up to 512GB, Read/Write speed up to 104 MB/s
USB Type-C PD3.0 Charging Port	Input power 20V/3A max (Only for Type-C laptop or Type-C smartphone charging)
Operating System Compatibility	Windows 7/8/8.1/10, Mac OS X 10.6 or later, Linux 2.6.14 or later
Item Weight	3.68 ounces
Product Dimensions	10.94 x 1.96 x 0.59 inches

6. 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 surface of the hub. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** When not in use, store the hub in a cool, dry place, away from direct sunlight and extreme temperatures. The included soft pouch can be used for protection.

SIZE AND PACKAGE

weight:3.2oz
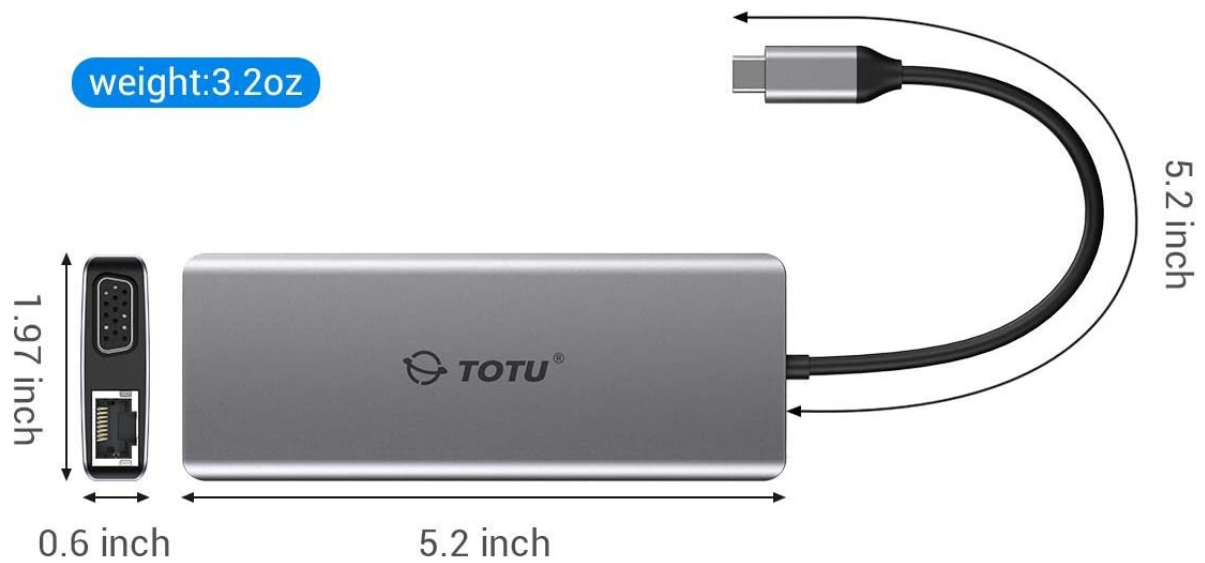
5.2 inch

1.97 inch

0.6 inch

5.2 inch

Figure 8: The included soft pouch provides convenient storage and protection for the hub.

- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not bend or twist the integrated USB-C cable excessively.

- **Ventilation:** Ensure the hub has adequate ventilation during use to prevent overheating. Do not cover the hub with cloths or place it in enclosed spaces.

7. TROUBLESHOOTING

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

- **No Display Output:**

- Ensure your laptop's USB-C port supports DisplayPort Alt Mode.
- Check all cable connections (USB-C from hub to laptop, HDMI/DP/VGA from hub to monitor).
- Try restarting your laptop and reconnecting the hub.
- Verify monitor input settings are correctly selected (e.g., HDMI 1, DisplayPort).
- For Windows, ensure display settings are configured for 'Extend' or 'Duplicate'. For macOS, remember it only supports mirror display.

- **Flickering or Unstable Display:**

  - Reduce the display resolution if using multiple monitors, especially if exceeding 1080P/60Hz.
  - Ensure you are using high-quality HDMI/DP/VGA cables.
  - Connect a power adapter to the hub's PD port to provide stable power.

- **USB Devices Not Recognized:**

  - Reconnect the USB device and the hub.
  - Try connecting the device to a different USB port on the hub.
  - Ensure the hub is receiving sufficient power, especially for power-hungry devices.

- **Slow Data Transfer:**

  - Ensure you are using USB 3.0 compatible devices and cables for optimal speeds.
  - Avoid connecting high-bandwidth devices to USB 2.0 ports.

- **No Power Delivery to Laptop:**

  - Ensure your power adapter is 45W or above.
  - Verify the power adapter and USB-C cable are functioning correctly.
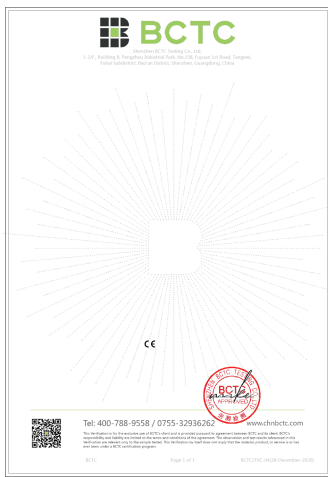
8. WARRANTY & SUPPORT

TOTU offers a robust warranty and support system for its products:

- **100% Money Back Guarantee:** For quality problems within 30 days of purchase.
- **12-Month Warranty:** A standard 12-month warranty is provided for the product.
- **18-Month Extended Warranty:** You can upgrade to an 18-month warranty by subscribing to the TOTU website.
- **Friendly Customer Service:** TOTU is committed to providing hassle-free customer service.
- **Email Support:** For any assistance or inquiries, please contact support@loopec.com.

Related Documents - TT-HB013A

	[TOTU USB-C Hub Quick Start Guide & Setup Instructions](#) A comprehensive guide to setting up and using the TOTU 12-in-1 USB-C Hub. This document details multi-display configurations for Windows and macOS, lists compatible devices, and provides troubleshooting tips for optimal performance.
TT Series Ice Maker User Manual Please read this manual before using. TWOTHOUSAND	[TT Series Ice Maker User Manual](#) User manual for the TWOTHOUSAND TT Series Ice Maker, providing specifications, installation, operation, maintenance, and troubleshooting guidance.
VENTS	[VENTS TT Series Centrifugal Inline Fan User Manual	Installation & Operation Guide](#) Comprehensive user manual for VENTS TT series centrifugal inline fans. Covers installation, operation, maintenance, troubleshooting, and warranty for models including TT 100, TT 125, TT 150, TT 160, TT 250, TT 315, TT XXX T, TT XXX U/U1/U2(n), and TT XXX P. Features technical specifications and safety guidelines for optimal ventilation system performance.
nVent RAYCHEM TT1100-OHP-THIN Water Sensing Cable for Insulated Pipe installation Instructions	[nVent RAYCHEM TT1100-OHP-THIN Water Sensing Cable Installation Instructions](#) Detailed installation and testing instructions for the nVent RAYCHEM TraceTek TT1100-OHP-THIN water sensing cable, designed for detecting leaks in insulated pipes. Includes tools required, important notes, installation steps, system connections, and troubleshooting.
newline Elara(Q+ Series) Interactive Flat Panel Display Quick Start Manual	[Newline Elara(Q+ Series) Interactive Flat Panel Display Quick Start Manual](#) This document provides a quick start guide for the Newline Elara(Q+ Series) Interactive Flat Panel Display, covering safety precautions, installation, and basic operation.
Popcorn Machine USER MANUAL Please read this manual before usage. TWOTHOUSAND	[Popcorn Machine User Manual](#) User manual for TWOTHOUSAND popcorn machines, covering operation, specifications (TT-P3, TT-P4, TT-P1, TT-P6B), safety, and troubleshooting for commercial kitchens.

Documents - TOTU – TT-HB013A