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> SABRENT Thunderbolt 4 Hub Instruction Manual

SABRENT HB-TBT4

SABRENT Thunderbolt 4 Hub (HB-TBT4) Instruction Manual

Model: HB-TBT4 | Brand: SABRENT

INTRODUCTION

The SABRENT Thunderbolt 4 Hub is designed to expand your laptop's connectivity and maximize productivity. It offers blazing-fast 40Gbps Thunderbolt 4 connectivity, 60W charging, and versatile USB-C expansion. This hub supports dual 4K@60Hz or single 4K@144Hz, 5K/6K/8K@60Hz (with Display Stream Compression - DSC) displays, making it ideal for stunning visuals and seamless output. Crafted from premium aluminum for durability and heat dissipation, it is compatible with macOS and Windows laptops with USB-C or Thunderbolt 3/4.

PACKAGE CONTENTS

- SABRENT Thunderbolt 4 Hub (HB-TBT4)
- 15.7" Certified Thunderbolt 4 Cable
- 20V/6A Power Supply
- Instruction Manual

PRODUCT OVERVIEW

The Thunderbolt 4 Hub features multiple ports for enhanced connectivity.

THUNDERBOLT 4 HUB

Extend your laptop and other compatible Thunderbolt or USB-C hosts.

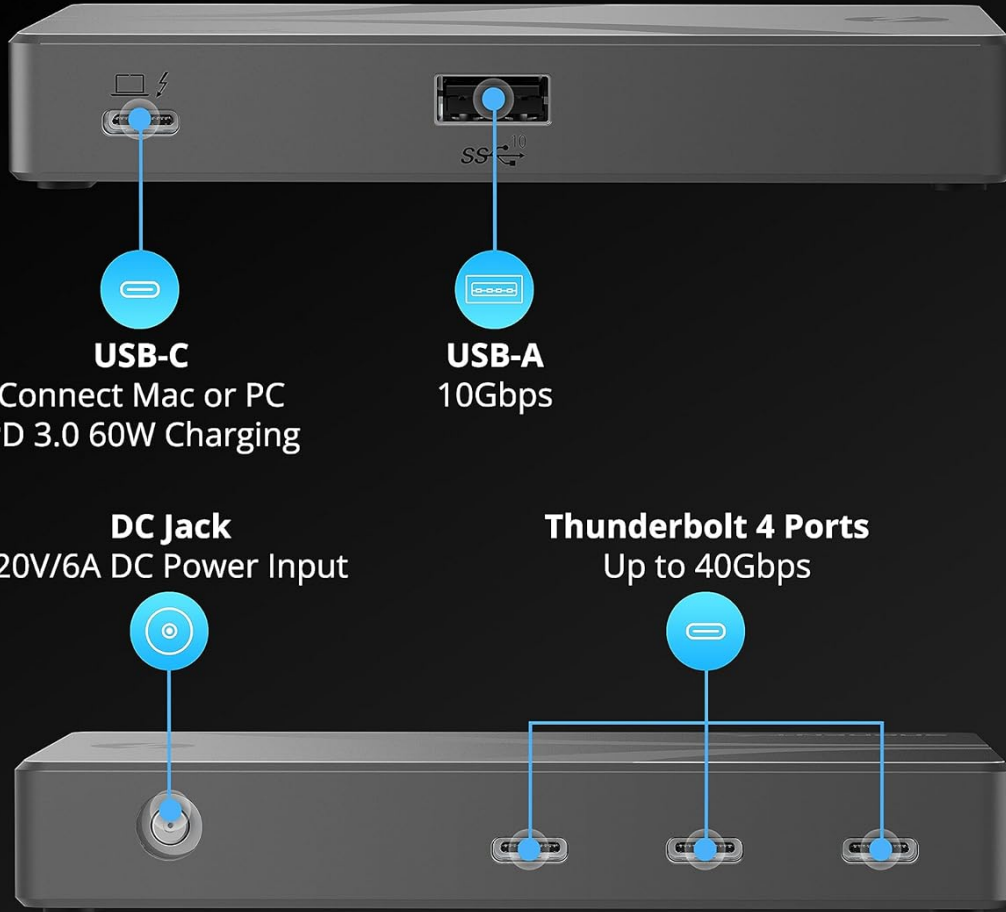


Image: Front and back view of the SABRENT Thunderbolt 4 Hub, highlighting the USB-C host port with 60W PD, USB-A 10Gbps port, DC 20V/6A power input, and three Thunderbolt 4 ports (up to 40Gbps).



Image: The SABRENT Thunderbolt 4 Hub shown with its included Thunderbolt 4 cable and power adapter, along with a USB-A to USB-C adapter.

SETUP INSTRUCTIONS

1. **Connect Power:** Plug the provided 20V/6A power supply into the DC 20V port on the hub and then into a wall outlet.
2. **Connect to Host Device:** Use the certified Thunderbolt 4 cable to connect the Thunderbolt 4 host port (marked with a laptop icon and lightning bolt) on the hub to a Thunderbolt 3/4 or USB-C port on your laptop.
3. **Connect Peripherals:** Connect your external devices such as monitors, external drives, keyboards, and mice to the available Thunderbolt 4 and USB-A ports on the hub.

BIG DISPLAYS

Supports easy output to one or more external displays for USB-C hosts that support DisplayPort Alternate Mode (DP Alt Mode).



Image: The Thunderbolt 4 Hub connected to a laptop via a Thunderbolt cable, with an external monitor also connected to the hub, demonstrating a typical setup.

OPERATING THE HUB

Power Delivery

The hub provides up to 60W Power Delivery (PD3.0) to your connected laptop or tablet through the host Thunderbolt 4 port. This allows for fast and reliable charging while simultaneously powering your accessories and external displays.

Display Output

The hub supports various display configurations:

- Dual 4K displays at 60Hz.
- Single 4K display at 144Hz.
- Single 5K/6K/8K display at 60Hz (with Display Stream Compression - DSC).

Note:

Ensure your host device supports DisplayPort Alt Mode and DSC for the highest resolution outputs.

SUPPORTS UP TO 4K RESOLUTION

Output to dual displays at up to 4K@60Hz or a single display at up to 4K@144Hz or 5K/6K/8K@60Hz or (DSC).

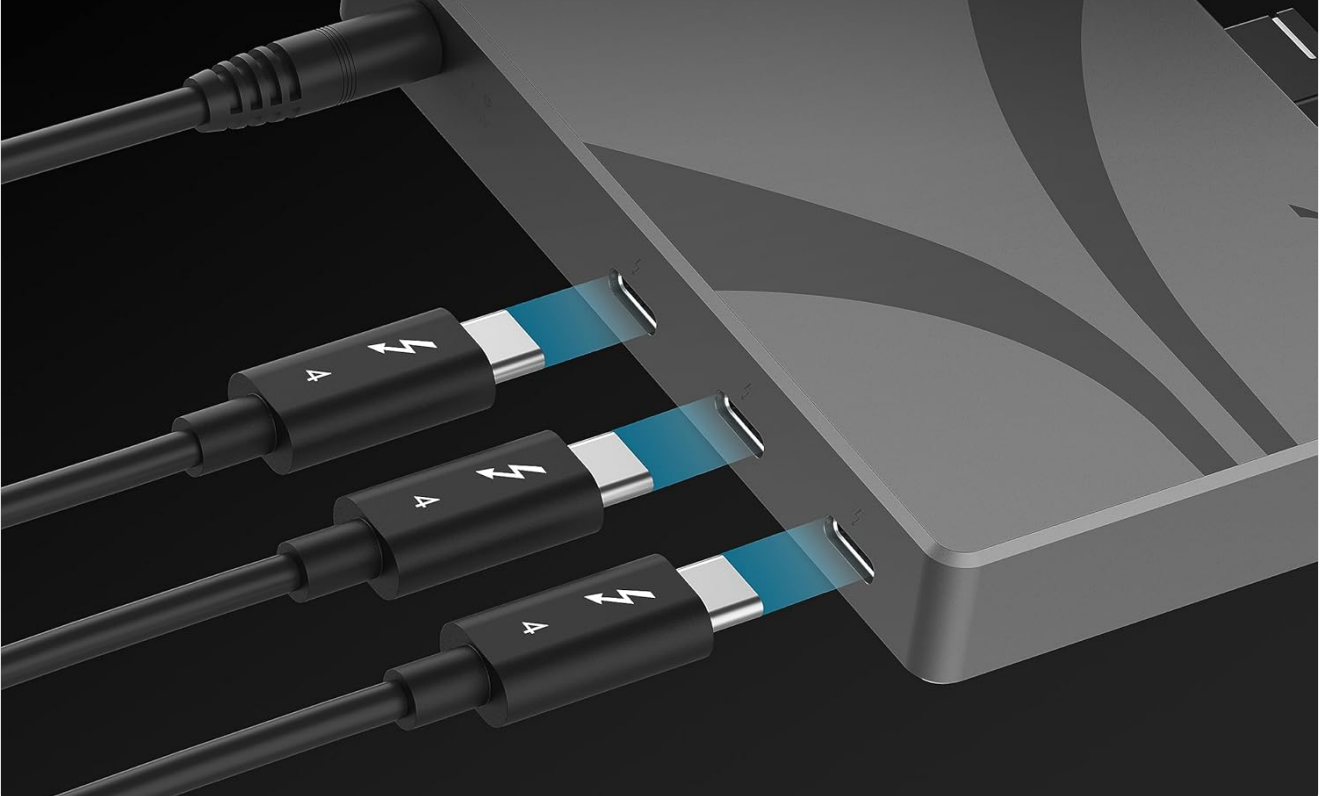


Image: A visual representation of the Thunderbolt 4 Hub connected to a laptop and two external monitors, illustrating its capability to support dual 4K displays.

Data Transfer

The three Thunderbolt 4 downstream ports offer up to 40Gbps data transfer speeds, allowing for rapid transfer of large files and connection of high-speed peripherals. The single USB-A port provides 10Gbps data transfer.

THUNDERBOLT CERTIFIED

Fully certified by Intel to use Thunderbolt™ 4 technology



Image: An overhead view showing the Thunderbolt 4 Hub acting as a central connection point for a laptop, external camera, game controller, mouse/keyboard, and an external monitor, demonstrating its "All in One" productivity feature.

MAINTENANCE

To ensure optimal performance and longevity of your SABRENT Thunderbolt 4 Hub:

- Keep the device in a clean, dry environment.
- Avoid exposing the hub to extreme temperatures or humidity.
- Do not block the ventilation openings, as this can lead to overheating.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Disconnect the power adapter and all connected devices before cleaning or when not in use for extended periods.

TROUBLESHOOTING

No Power/No Indicator Lights

- Ensure the power adapter is securely connected to both the hub and a working power outlet.
- Verify that the power outlet is functional.

No Display Output

- Check all display cables (Thunderbolt, USB-C to DisplayPort/HDMI) are securely connected to both the hub and the monitors.
- Ensure your laptop's display settings are configured to detect and extend to external monitors.
- Confirm your host device supports DisplayPort Alt Mode for external displays.
- Try connecting one monitor at a time to isolate the issue.

Slow Data Transfer Speeds or Device Disconnections

- Ensure you are using the certified Thunderbolt 4 cable provided with the hub.
- Verify that your connected devices are compatible with the hub's port specifications (e.g., USB 3.0 devices on USB-A 10Gbps port).
- Disconnect and reconnect the hub from your laptop.
- If experiencing issues with high-speed devices like external cameras or SSDs, try connecting them directly to your laptop's Thunderbolt port to confirm they function correctly without the hub. Some high-bandwidth devices may require direct connection for optimal performance if the hub's bandwidth is fully utilized by other devices.
- Ensure your laptop's Thunderbolt drivers are up to date.

Hub Not Recognized by Laptop

- Disconnect and reconnect the Thunderbolt 4 cable from both the hub and your laptop.
- Restart your laptop.
- Ensure your laptop's operating system and Thunderbolt drivers are updated to the latest versions.
- Try connecting the hub to a different Thunderbolt/USB-C port on your laptop, if available.

SPECIFICATIONS

Feature	Description
Model Number	HB-TBT4
Product Dimensions	4.5 x 2.8 x 0.6 inches
Item Weight	7 ounces (198 Grams)
Brand	SABRENT
Hardware Interface	Thunderbolt, USB Type C
Compatible Devices	Laptops (macOS, Windows with USB-C or Thunderbolt 3/4)
Total USB Ports	2 (1x USB-A 10Gbps, 1x USB-C Host)
Number of Ports	5 (3x TB4, 1x USB-A, 1x USB-C Host)
Power Delivery	Up to 60W (PD3.0)
Display Support	Dual 4K@60Hz, Single 4K@144Hz, 5K/6K/8K@60Hz (DSC)

Data Transfer Speed	40Gbps (Thunderbolt 4), 10Gbps (USB-A)
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WARRANTY AND SUPPORT

SABRENT products are designed for quality and reliability. For detailed warranty information and technical support, please visit the official SABRENT website or contact their customer service. Keep your proof of purchase for warranty claims.

For additional protection, consider purchasing an extended protection plan. Details on available plans can be found where you purchased this product.