

Plugable USB4-HUB3A

Plugable 5-in-1 Thunderbolt 4 Hub

Model: USB4-HUB3A

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Plugable 5-in-1 Thunderbolt 4 Hub. This device is designed to expand the connectivity of modern Mac and Windows systems, offering Thunderbolt 4, USB4, and USB-C expansion capabilities, including support for single 8K or dual 4K displays.

WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- Plugable USB4-HUB3A Hub
- USB-C to HDMI Adapter
- Power Cord and Adapter
- 0.8m Thunderbolt 4 Cable



Packaging



USB4-HUB3A Hub



USB-C to HDMI adapter



Power Cord and Adapter



.8m Thunderbolt 4 Cable



Image: The retail packaging of the Plugable USB4-HUB3A Hub, showing the hub, USB-C to HDMI adapter, power cord and adapter, and a 0.8m Thunderbolt 4 cable.

PRODUCT OVERVIEW

The Plugable Thunderbolt 4 Hub is built on the Intel Goshen Ridge Chipset, ensuring maximum compatibility and functionality across Thunderbolt 4, USB4, and USB-C standards. It features multiple ports for versatile connectivity.

Certified to Maximize Your Experience

Thunderbolt certified and the only device of its kind
to be certified as Engineered for Intel® EVO™

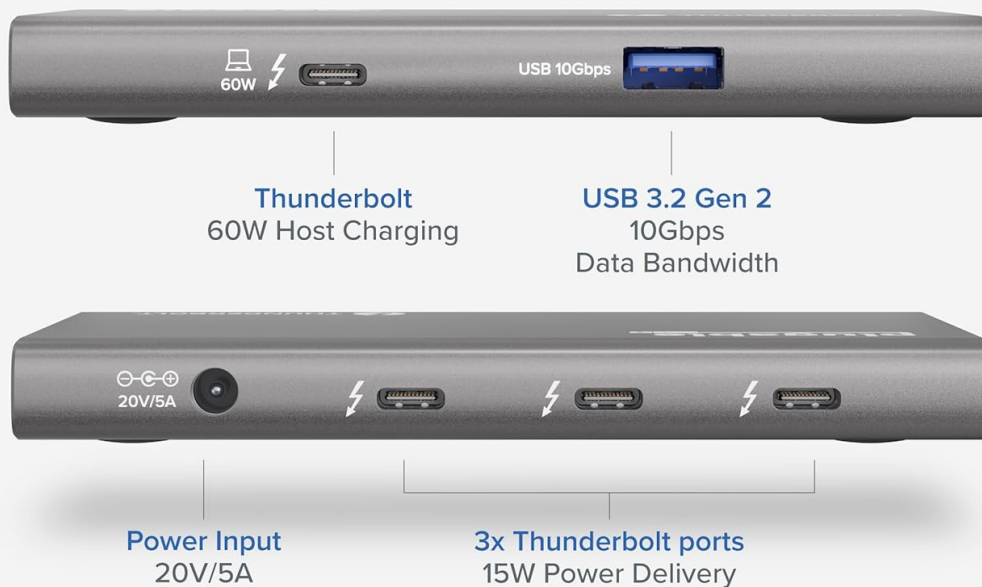


Image: A detailed view of the Plugable Thunderbolt 4 Hub, highlighting the front port with Thunderbolt 60W Host Charging and USB 3.2 Gen 2 10Gbps Data Bandwidth, and the rear ports with Power Input (20V/5A) and three Thunderbolt ports (15W Power Delivery).

Port Functions:

- **Host Port (Front, Thunderbolt 4):** Connects to your computer, providing up to 60W of power delivery for laptop charging.
- **USB 3.2 Gen 2 Port (Front, USB-A):** Offers 10Gbps data bandwidth for legacy USB devices.
- **Power Input (Rear):** Connects to the included power adapter (20V/5A).
- **Downstream Thunderbolt 4 Ports (Rear, 3x):** Each port is compatible with Thunderbolt 4, USB4, Thunderbolt 3, or USB-C devices. These ports provide 15W power delivery and support high-resolution displays and high-speed data transfer up to 40Gbps.

Maximum Port Potential

Each downstream port is compatible with Thunderbolt 4, USB4, Thunderbolt 3, or USB-C devices

Video

Up to two Thunderbolt or USB-C displays, or USB-C video adapters

*One USB-C to HDMI Adapter Included

Data

3x Thunderbolt or USB-C devices
up to 40Gbps bandwidth

Power

15W power to your devices, even if
the hub isn't connected to the host



Image: A graphic illustrating the maximum port potential of the hub, detailing support for up to two Thunderbolt or USB-C displays, 3x Thunderbolt or USB-C devices with up to 40Gbps bandwidth, and 15W power delivery to devices.

SETUP INSTRUCTIONS

- 1. Connect Power:** Plug the included power adapter into the Power Input port on the rear of the hub, then connect the power cord to a wall outlet.
- 2. Connect to Host Computer:** Use the provided 0.8m Thunderbolt 4 cable to connect the host port (front) of the hub to a Thunderbolt 4, USB4, or compatible USB-C port on your computer.
- 3. Connect Peripherals:**
 - For displays, use the downstream Thunderbolt 4 ports. The included USB-C to HDMI adapter can be used for HDMI displays.
 - Connect high-speed storage devices (e.g., NVMe SSDs) to the downstream Thunderbolt 4 ports for optimal performance.
 - Connect legacy USB devices (e.g., keyboards, mice, USB drives) to the USB 3.2 Gen 2 (USB-A) port on the front.
- 4. System Recognition:** Your computer should automatically detect and configure the hub. No drivers are typically required for basic functionality.



Connect High Performance Peripherals

Add more Thunderbolt ports to your laptop



Image: An illustration demonstrating the connection of various high-performance peripherals, including external SSDs and displays, to the Plugable Thunderbolt 4 Hub, which is connected to a laptop.

OPERATING INSTRUCTIONS







Display Configuration:

The hub supports various display configurations depending on your host system:

System Type	Number of Displays	Resolution
Thunderbolt 4 Windows Systems (Windows 10+)	1	8K@30Hz
	2	4K@60Hz
Thunderbolt 4 Macs with Apple Pro/Max Chips, M4 Macs, and M3 MacBook Air (macOS 11+)	1	6K@60Hz
	2	4K@60Hz
USB4 Macs with base M1/M2/M3 Chips	1	6K@60Hz

Note: M3 MacBook Air requires clamshell mode for dual extended displays. Thunderbolt 3 Windows systems are not recommended for optimal performance.



	# of Displays	Resolution
Thunderbolt 4 Windows Systems (Windows 10+)		4K@60Hz
		8K@30Hz
Thunderbolt 4 Macs with Apple Pro/Max Chips, M4 Macs, and M3 MacBook Air (MacOS 11+)		4K@60Hz
		6K@60Hz
USB4 Macs with base M1/M2/M3 Chips		6K@60Hz


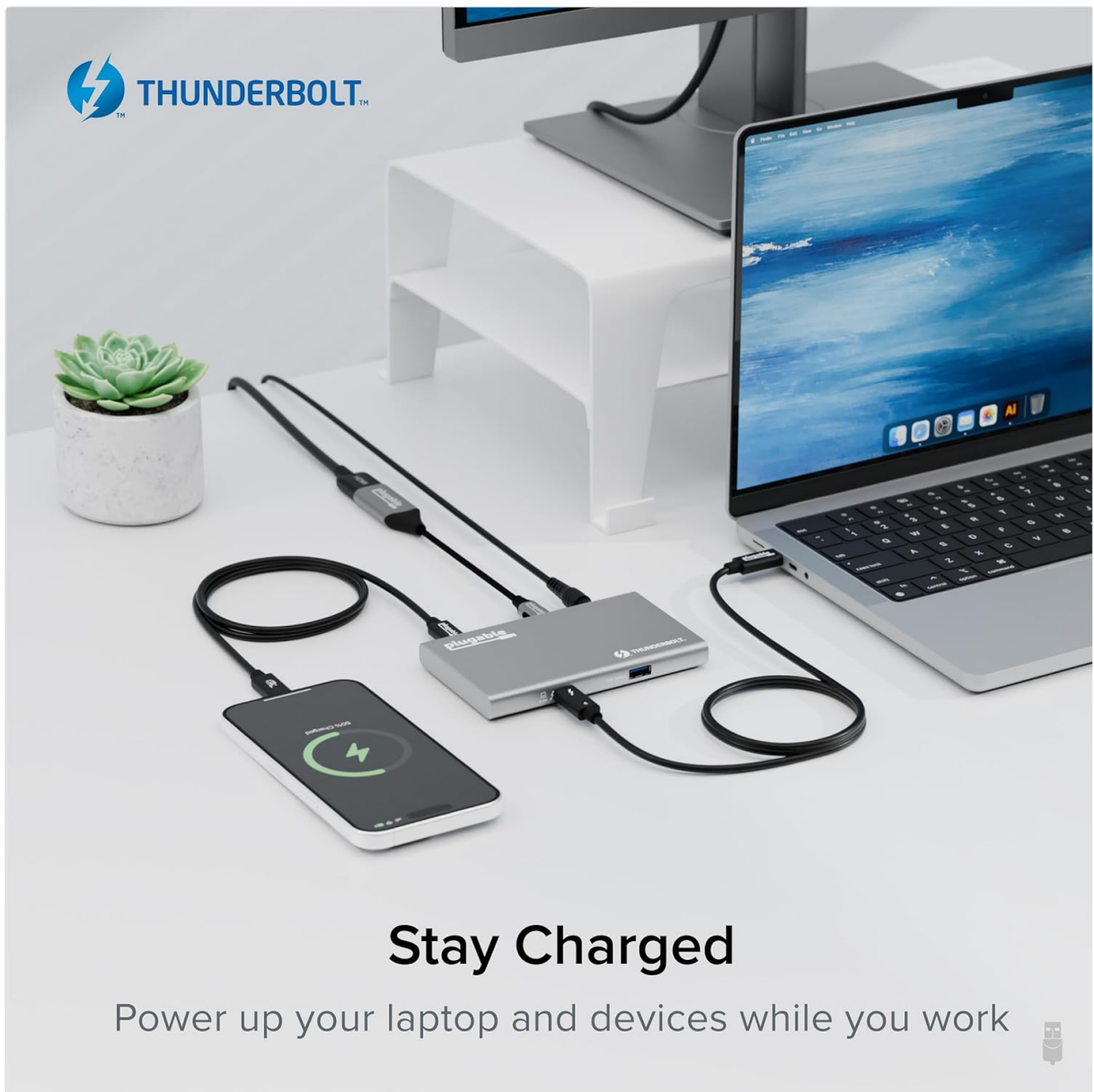
SKU: USB4-HUB3A*M3 MacBook Air requires clamshell mode for dual extended displays.

Image: A visual representation of the display compatibility and performance, showing how different Mac and Windows systems support various resolutions and numbers of displays when connected to the hub.

Charging Capabilities:

The hub provides up to 60W of power delivery to the connected host laptop and up to 15W of power to downstream devices, allowing you to charge your devices while working.



Stay Charged

Power up your laptop and devices while you work



Image: A laptop and a smartphone are shown connected to the Plugable Thunderbolt 4 Hub, illustrating the hub's ability to charge both the laptop (60W) and additional downstream devices (15W).

COMPATIBILITY

The Plugable Thunderbolt 4 Hub is designed for broad compatibility with modern computing systems:

- **Operating Systems:**
 - Windows 10 and later (with Thunderbolt 4 / USB4 ports)
 - macOS 11 (Big Sur) and later (including Apple M1, M2, M3, M4 Pro/Max, and Thunderbolt 3 or USB4 Macs)
- **Host Port Requirements:** A Thunderbolt 4, USB4, or compatible USB-C port on your computer.
- **Display Compatibility:** Supports a wide range of monitors via Thunderbolt or USB-C video adapters (one HDMI adapter included).

MAINTENANCE

To ensure the longevity and optimal performance of your Plugable Thunderbolt 4 Hub, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the exterior of the hub. Avoid using liquid cleaners, aerosols, or solvents.
- **Ventilation:** Ensure the hub is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid sharp bends or excessive tension on the cables connected to the hub to prevent damage.

TROUBLESHOOTING

If you encounter issues with your Plugable Thunderbolt 4 Hub, refer to the following common solutions:

- **No Power/Not Functioning:**
 - Ensure the power adapter is securely connected to both the hub and a working wall outlet.
 - Verify the Thunderbolt 4 cable is firmly connected to both the hub and your computer's host port.
- **Display Issues (No Signal, Flickering):**
 - Confirm that your display cables (e.g., HDMI, DisplayPort) are securely connected to both the hub and the monitor.
 - Check your computer's display settings to ensure the external monitor is detected and configured correctly (e.g., extended or mirrored mode).
 - Ensure your system meets the compatibility requirements for the desired display resolution and refresh rate (refer to the "Operating Instructions" section).
 - Try connecting the display directly to your computer (if possible) to rule out monitor or cable issues.
- **Peripheral Not Detected:**
 - Ensure the peripheral is properly connected to the correct port on the hub (Thunderbolt for high-speed, USB-A for legacy).
 - Test the peripheral by connecting it directly to your computer to confirm it is functional.
 - Restart your computer and reconnect the hub.
- **Slow Data Transfer Speeds:**
 - Ensure you are using a certified Thunderbolt 4 cable for the host connection.
 - Verify that the connected device supports the expected speeds (e.g., NVMe SSDs for 40Gbps, USB 3.2 Gen 2 devices for 10Gbps).
 - Avoid connecting multiple high-bandwidth devices simultaneously if you experience slowdowns.

If these steps do not resolve your issue, please contact Plugable Support as detailed in the "Warranty and Support" section.

SPECIFICATIONS

Feature	Detail
Brand	Plugable
Model Number	USB4-HUB3A

Feature	Detail
Hardware Interface	Thunderbolt 4, USB4, USB-C, USB-A
Host Connectivity	1x Thunderbolt 4 (60W Power Delivery)
Downstream Ports	3x Thunderbolt 4 (15W Power Delivery), 1x USB 3.2 Gen 2 (10Gbps USB-A)
Data Bandwidth	Up to 40Gbps (Thunderbolt ports), 10Gbps (USB-A port)
Display Support	Single 8K@30Hz or Dual 4K@60Hz (Windows), Single 6K@60Hz or Dual 4K@60Hz (Mac)
Operating System Compatibility	Windows 10+, macOS 11+
Dimensions (LxWxH)	8.35 x 5.59 x 2.17 inches
Weight	1.94 pounds
Color	Grey
Special Feature	Powered

WARRANTY AND SUPPORT

Every Plugable product, including the USB4-HUB3A, is covered by a **2-Year Coverage** against defects and comes with **Lifetime Support**. If you have any questions, require assistance, or need to troubleshoot an issue, please contact our North American-based support team. You can find contact information on the official Plugable website or through your purchase platform. For more information, visit: [Plugable Support](#)

© 2024 Plugable Technologies. All rights reserved.

USB4-HUB3A

Ensure that you are using the included Thunderbolt 4 cable, and that the included power adapter is connected to the hub and to a working outlet. The power adapter is required for the hub to function.

Connect the Thunderbolt 4 cable to the port on the front of the hub indicated by the laptop symbol and "65W", then connect the other end of the cable to your Windows Thunderbolt 4 host. Some Windows systems have multiple USB-C ports with different capabilities; connect to a port designed with a Thunderbolt logo when possible, to ensure best performance and capabilities.

Connect the Thunderbolt 4 cable to the port on the front of the hub indicated by the laptop symbol and "60W", then connect the other end of the cable to your Mac.



Laptop Requirements

This hub is compatible with Windows Thunderbolt 4 and USB4 hosts, and macOS Thunderbolt 3, Thunderbolt 4, and USB4 hosts. Not recommended for Windows Thunderbolt 3 hosts.

Compatible with Windows 10+, and macOS 11 or later

USB4 HUB3A User Guide Amazon Product Document plugable usb4 hub3a user guide amazon product document 7 media s3 amazonaws qsg |||

lang:en score:62 filesize: 328.28 K page_count: 2 document date: 0000-00-00



usb4 hub3a plugable one pager media s3 amazonaws sales |||


lang:en score:50 filesize: 332.95 K page count: 1 document date: 2022-01-04



USB4 HUB3A usb4 hub3a media plugable s3 amazonaws marketing specifications sheet |||

lang:en score:45 filesize: 752.25 K page count: 2 document date: 0000-00-00

USB4-HUB3A-EUA1		

Ports		
x		
x		
x		
In the Box		
x		
x		
x		
Features		
x		
x		
x		
x		
Connection to Host		
Laptop Port	Host Specification	Power Delivery (if applicable)
Video		
 https://plugable.com/products/USB4-HUB3A-EUA1		

[pdf] Specifications

USB4 HUB3A EUA1 usb4 hub3a eua1 media plugable s3 amazonaws marketing specifications sheet |||

USB4-HUB3A-EUA1 _____ Ports x x x x In the Box x x x x x Features Connection to Host Laptop Port Host Specification Power Delivery if applicable Video sales plugable.com https://plugable.com/products/**USB4-HUB3A-EUA1** Video Ports Specification Maximum Resolution and Refresh Rate USB De...

lang:es score:45 filesize: 121.9 K page_count: 2 document date: 0000-00-00

USB4-HUB3A-EUA1		

Ports		
x		
x		
x		
In the Box		
x		
x		
x		
Features		
x		
x		
x		
x		
Connection to Host		
Laptop Port	Host Specification	Power Delivery (if applicable)
Video		
 https://plugable.com/products/USB4-HUB3A-EUA1		

[pdf] Specifications

USB4 HUB3A EUA1 usb4 hub3a eua1 media plugable s3 amazonaws marketing specifications sheet data |||

USB4-HUB3A-EUA1 _____ Ports x x x x In the Box x x x x x Features Connection to Host Laptop Port Host Specification Power Delivery if applicable Video sales plugable.com https://plugable.com/products/**USB4-HUB3A-EUA1** Video Ports Specification Maximum Resolution and Refresh Rate USB De...

lang:es score:44 filesize: 121.9 K page_count: 2 document date: 0000-00-00

[title_150]		
[sku]		

		
Ports		
usb.count(usb.count)		
usb.type(usb.type)		
usb.spec(usb.spec)		
usb_1.count(usb_1.count)		
usb_1.spec(usb_1.spec)		
In the Box		
usb.count(usb.count)		
usb.type(usb.type)		
usb.spec(usb.spec)		
usb_1.count(usb_1.count)		
usb_1.spec(usb_1.spec)		
usb_2.count(usb_2.count)		
usb_2.spec(usb_2.spec)		
Features		
bullet_1		
bullet_2		
bullet_3		
bullet_4		
bullet_5		
Connection to Host		
Laptop Port	Host Specification	Power Delivery (if applicable)
(usb.count)	(usb.spec)	0
Video		
 https://plugable.com/products/USB4-HUB3A-EUA1		

[pdf] Specifications

USB4 HUB3A usb4 hub3a media plugable s3 amazonaws marketing specifications sheet data |||

title_150 sku _____ Features bullet_1 bullet_2 bullet_3 bullet_4 bullet_5 Connection to Host Laptop Port host.type Video Ports usb.count x usb.spec usb_1.count x usb_1.spec video.count x video.type video.count x video_1.count audio_1.type audio_2.type wired_netw...

lang:en score:25 filesize: 352.68 K page_count: 2 document date: 0000-00-00