Anker A83D2

Anker USB C Hub User Manual

Model: A83D2

Introduction

This user manual provides detailed instructions for the Anker USB C Hub (7-in-1), a multi-port adapter designed to expand the connectivity of your USB-C enabled devices. This hub allows you to connect external displays, transfer data at high speeds, and charge your laptop simultaneously through a single USB-C port.
The Anker USB C Hub features:

- **HDMI Port:** Supports 4K resolution at 60Hz for high-definition video output.
- **USB-A 3.0 Ports (x2):** Provides 5Gbps data transfer speeds for peripherals.
- **USB-C Data Port:** Offers 5Gbps data transfer speeds.
- **USB-C PD Input Port:** Supports up to 100W power input for pass-through charging (85W max output to device).
- **SD & TF Card Slots:** For convenient access to memory cards.



Image: The Anker USB C Hub showcasing its compact design and various connectivity options, including USB-C, HDMI, USB-A, and card slots.

Setup

Follow these steps to set up your Anker USB C Hub:

1. **Connect to Host Device:** Plug the integrated USB-C cable of the Anker USB C Hub into a compatible USB-C port on your laptop, tablet, or smartphone. Ensure your device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode) and Power Delivery for full functionality.
2. **Power Connection (Optional):** If you wish to charge your host device through the hub, connect a USB-C Power Delivery charger (up to 100W, not included) to the USB-C PD input port on the hub. The hub will reserve approximately 15W for its own operation, providing up to 85W to your connected laptop.
3. **Connect Peripherals:** Connect your desired peripherals to the corresponding ports on the hub.



Image: A detailed diagram illustrating the various ports on the Anker USB C Hub, including HDMI, USB-C data, USB-A 3.0, USB-C PD-IN, and SD/TF card slots, along with their respective functions and specifications.

Operating

HDMI Video Output

Connect an HDMI cable from the hub's HDMI port to your monitor or TV. The hub supports resolutions up to 4K (3840x2160) at 60Hz for a clear and smooth display. Ensure your display and host device support 4K@60Hz for optimal performance. The USB-C data port on the hub does not support video output.



Image: A laptop connected to an external monitor through the Anker USB C Hub, demonstrating the hub's capability to deliver stunning 4K@60Hz clarity for an extended or mirrored display.

Data Transfer

The two USB-A 3.0 ports and the USB-C data port provide high-speed data transfer at up to 5Gbps. This allows for quick synchronization of files, connection of external hard drives, USB flash drives, keyboards, mice, and other USB peripherals.

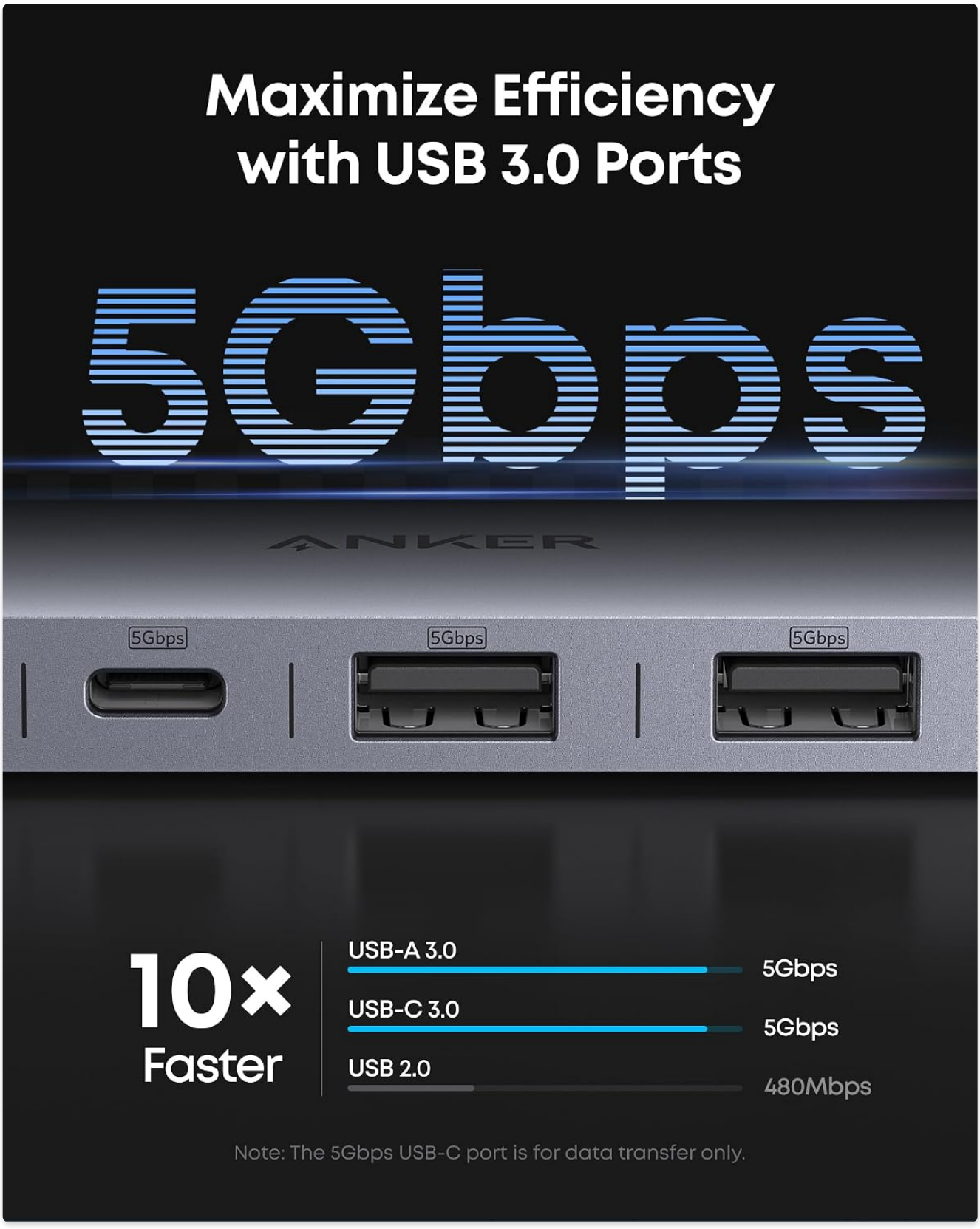


Image: A close-up view of the Anker USB C Hub's USB-A and USB-C data ports, highlighting their 5Gbps data transfer capabilities for maximizing efficiency.

Power Delivery

The USB-C PD input port supports power input up to 100W. When connected to a compatible PD charger, it can deliver up to 85W of power to your laptop, allowing you to charge your device while using the hub's other functions. This feature is essential for laptops that rely on USB-C for charging.



Image: A laptop connected to a wall charger through the Anker USB C Hub, illustrating the hub's 85W max output charging capability for quick laptop power.

SD and TF Card Access

Insert your SD or TF (microSD) card into the corresponding slot on the hub. The hub allows for quick reading and writing of data from these memory cards, making it convenient for photographers and videographers to transfer files.

Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the surface 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.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. Do not bend or pull the integrated USB-C cable excessively.
- **Moisture:** Keep the hub away from water and other liquids. If it comes into contact with liquid, disconnect it immediately and allow it to dry completely before reuse.

Troubleshooting

If you encounter issues with your Anker USB C Hub, refer to the following common problems and solutions:

- **No Display Output via HDMI:**
  - Ensure your host device's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode).
  - Try a different HDMI cable or monitor.
  - Restart your host device.
  - Verify that the display settings on your computer are correctly configured for the external monitor (e.g., extended or mirrored display).
- **Slow Data Transfer Speeds:**
  - Ensure the connected USB devices are USB 3.0 compatible. USB 2.0 devices will operate at lower speeds.
  - Avoid connecting high-power consumption devices simultaneously, which might affect overall performance.
- **Laptop Not Charging via PD Port:**
  - Ensure you are using a USB-C Power Delivery charger and cable that can provide sufficient wattage (e.g., 100W charger for 85W output).
  - Verify that your laptop supports charging via its USB-C port.
  - Check if the charger and cable are functioning correctly by testing them directly with your laptop.
- **SD/TF Card Not Detected:**
  - Ensure the card is fully inserted into the correct slot.
  - Try a different SD/TF card.
  - Check your computer's Disk Management or File Explorer to see if the card is recognized but not assigned a drive letter.
- **Hub Overheating:**
  - It is normal for the hub to become warm during heavy use, especially when charging and using multiple ports simultaneously. If it becomes excessively hot, disconnect some peripherals or the power source to

allow it to cool down.

Specifications

Feature	Specification
Model Number	A83D2
Product Dimensions	3.94 x 1.97 x 3.94 inches
Item Weight	2.36 ounces
HDMI Port	4K@60Hz
USB-A 3.0 Ports	2 (5Gbps data transfer)
USB-C Data Port	1 (5Gbps data transfer)
USB-C PD Input	Up to 100W (85W max output to device)
Card Reader	SD and TF (MicroSD)
Hardware Interface	USB Type C
Compatible Devices	Windows and MacBook computers that support USB-C with DP Alt Mode and Power Delivery, as well as USB4 and Thunderbolt 3/4/5 ports.

Warranty and Support

Anker provides an 18-month warranty for this product, covering manufacturing defects from the date of purchase.
Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please contact Anker customer service.
Refer to the official Anker website or product packaging for the most current contact information.
You can also refer to the official user manual PDF for additional details:Anker USB C Hub User Manual (PDF)

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Example: How do I reset this device or fix this error?

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