Anker 778

Anker 778 Thunderbolt Docking Station (12-in-1, Thunderbolt 4) User Manual

Model: 778 | Brand: Anker

Introduction Setup Operating Specifications Troubleshooting Maintenance Warranty & Support

1. Introduction

The Anker 778 Thunderbolt Docking Station is a versatile 12-in-1 hub designed to expand your laptop's connectivity and charging capabilities. Featuring Thunderbolt 4 technology, it offers high-speed data transfer, extensive display options, and efficient power delivery for a streamlined workspace.

Your browser does not support the video tag. Please update your browser to view this content.

Video Description: This video provides an overview of the Anker 778 Thunderbolt Docking Station, showcasing its various ports, high-speed data transfer capabilities, and multi-display support. It highlights the dock's ability to connect multiple peripherals and charge devices simultaneously.

2. Setup

2.1 What's in the Box

- Anker 778 Thunderbolt Docking Station (12-in-1, Thunderbolt 4)
- 180W Power Adapter
- Power Cord
- 2.3 ft (0.7 m) Thunderbolt 4 Cable
- Welcome Guide

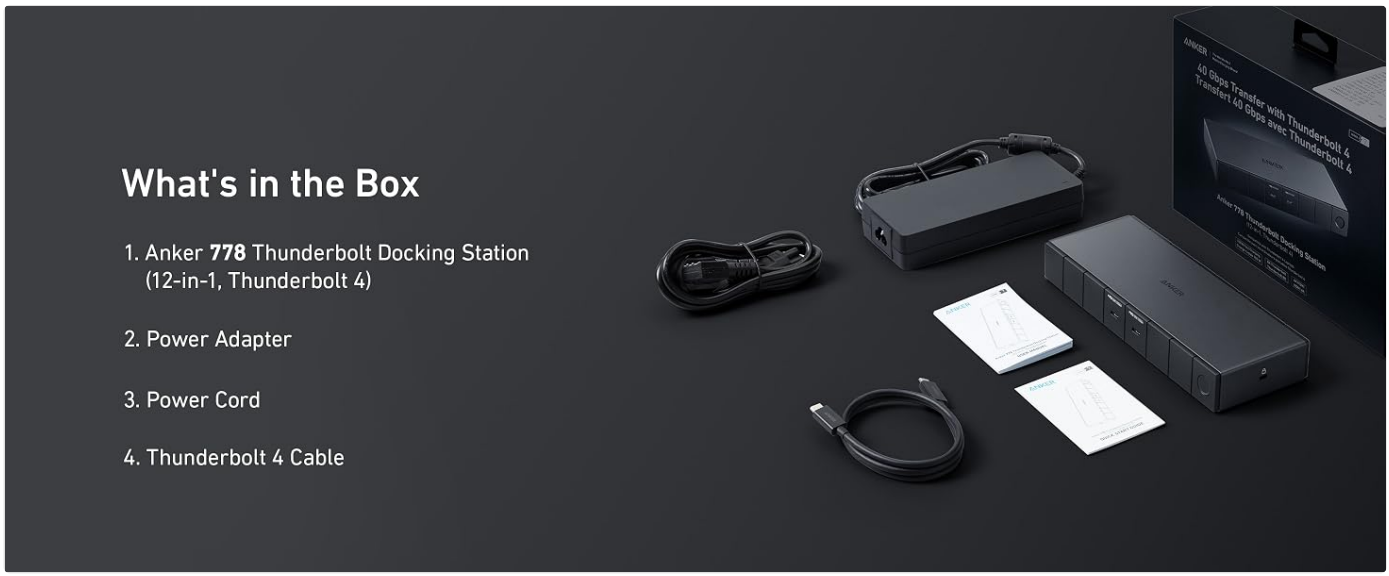


Image Description: An image displaying all the items included in the Anker 778 Thunderbolt Docking Station package: the docking station itself, a power adapter, a power cord, and a Thunderbolt 4 cable.

2.2 Initial Connection

1. Connect the 180W power adapter to the DC-IN port on the Anker 778 Docking Station and plug it into a power outlet.
2. Use the provided Thunderbolt 4 cable to connect your laptop to the Thunderbolt 4 upstream port on the docking station.
3. Connect your external monitors to the HDMI 2.1 port and/or DisplayPorts on the docking station.
4. Plug in any other peripherals (USB devices, Ethernet cable) to the available ports on the docking station.

3. Operating

3.1 Port Overview

The Anker 778 Thunderbolt Docking Station features a comprehensive array of 12 ports to meet all your connectivity needs:



Image Description: A detailed diagram illustrating the layout and labels of all input and output ports on both the front and rear panels of the Anker 778 Thunderbolt Docking Station.

- **100W Max Thunderbolt 4 Upstream Port:** Connects to your laptop for power delivery and data transfer.

- **Thunderbolt 4 Downstream Port:** For connecting additional Thunderbolt devices or displays.
- **2x USB-C Ports (10 Gbps, 30W):** High-speed data transfer and charging for compatible devices.
- **2x USB-A Ports (5 Gbps):** For connecting USB 3.0 compatible peripherals.
- **2x USB-A Ports (480 Mbps):** For connecting standard USB 2.0 peripherals.
- **Ethernet Port (1 Gbps):** Provides a stable wired network connection.
- **8K HDMI 2.1 Port:** For connecting a single display at up to 8K@30Hz.
- **2x DisplayPorts:** For connecting displays, supporting up to 4K resolution.
- **Kensington NanoSaver Lock Slot:** For securing the docking station.

3.2 High-Speed Data Transfer

Leverage the power of Thunderbolt 4 with an upstream bandwidth of 40 Gbps, allowing for rapid file transfers and smooth operation of high-bandwidth devices.

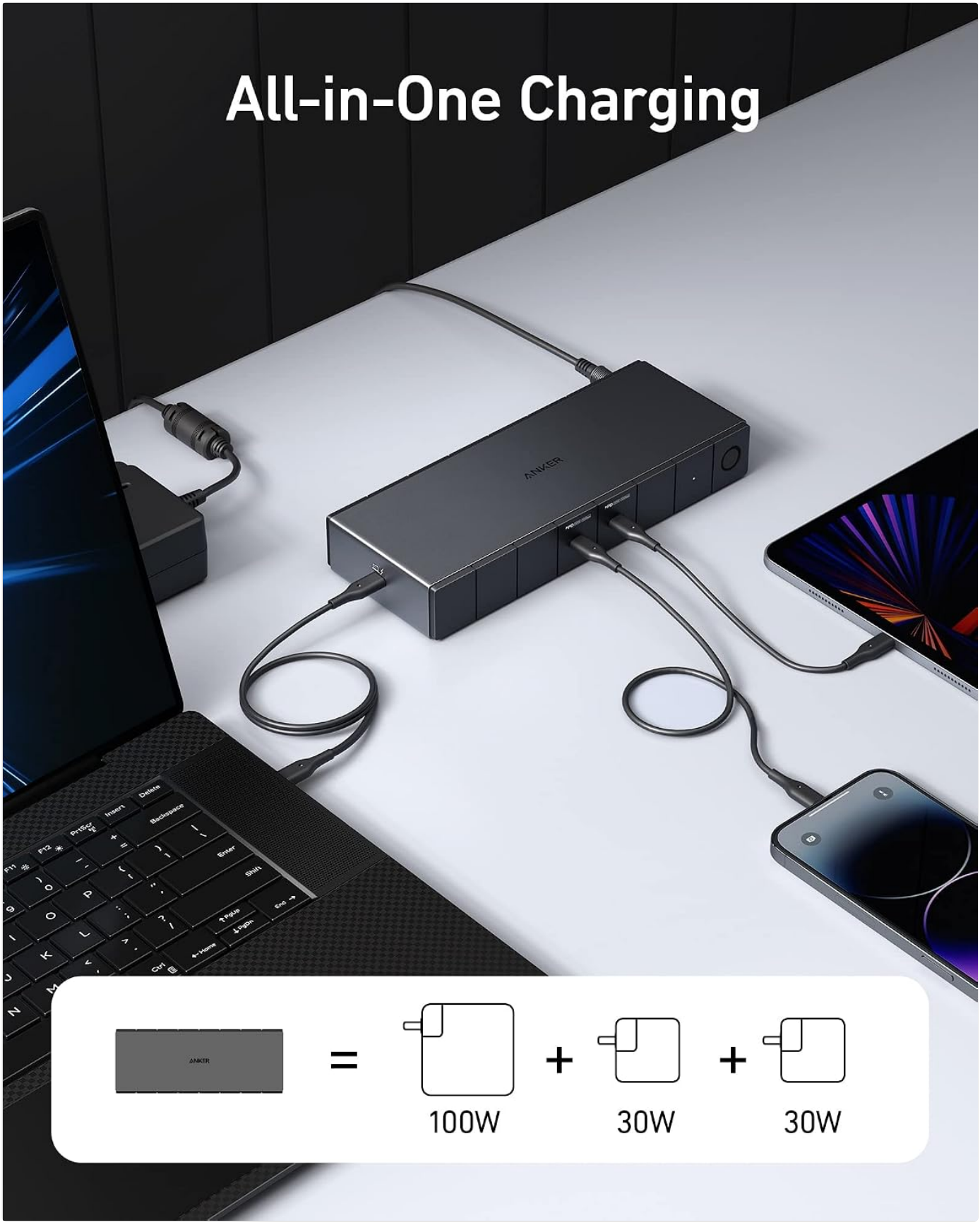


Image Description: A visual representation emphasizing the 40 Gbps data transfer capability of the Anker 778, comparing its speed to USB 3.2 and USB 2.0.

3.3 All-in-One Charging

The docking station provides up to 100W max charging for your laptop via the Thunderbolt 4 upstream port. Additionally, two USB-C ports offer up to 30W charging each for your other devices, such as smartphones and tablets.

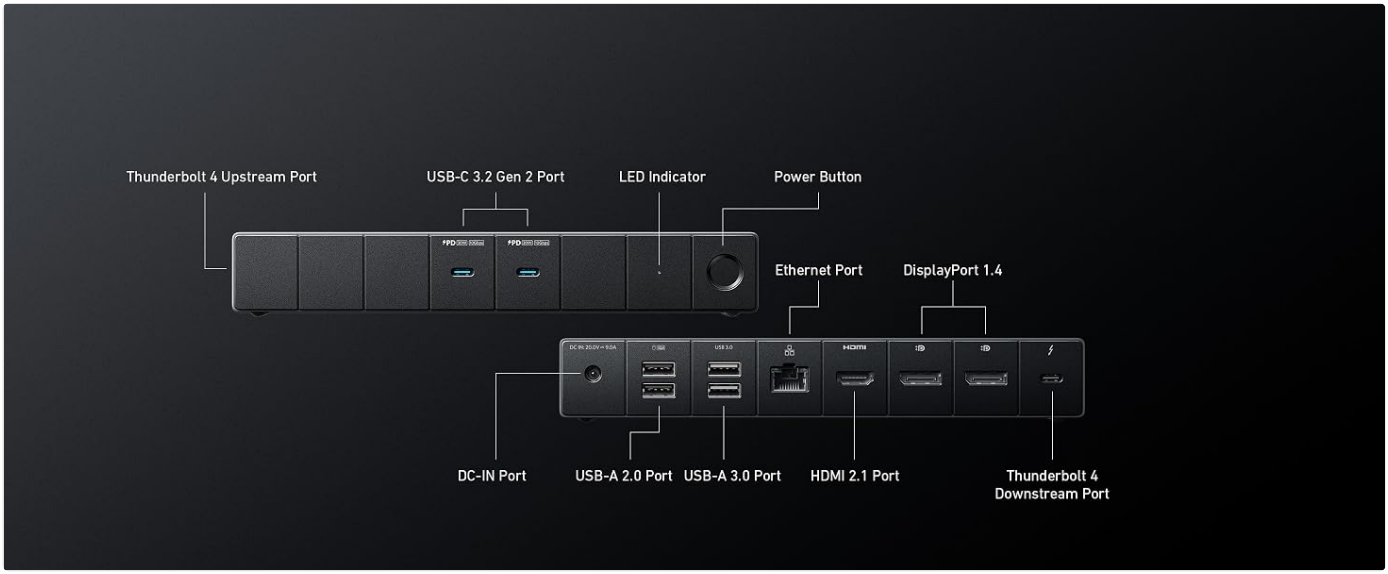


Image Description: A setup demonstrating the Anker 778 Docking Station simultaneously charging a laptop at 100W and two additional mobile devices at 30W each.

3.4 Expand Your Display Options

Connect to a single display in up to 8K@30Hz, or to four displays in 4K. Please note that this docking station is **not compatible with M1/M2 MacBooks or Asus laptops with an AMD CPU** for multi-display functionality beyond mirroring.

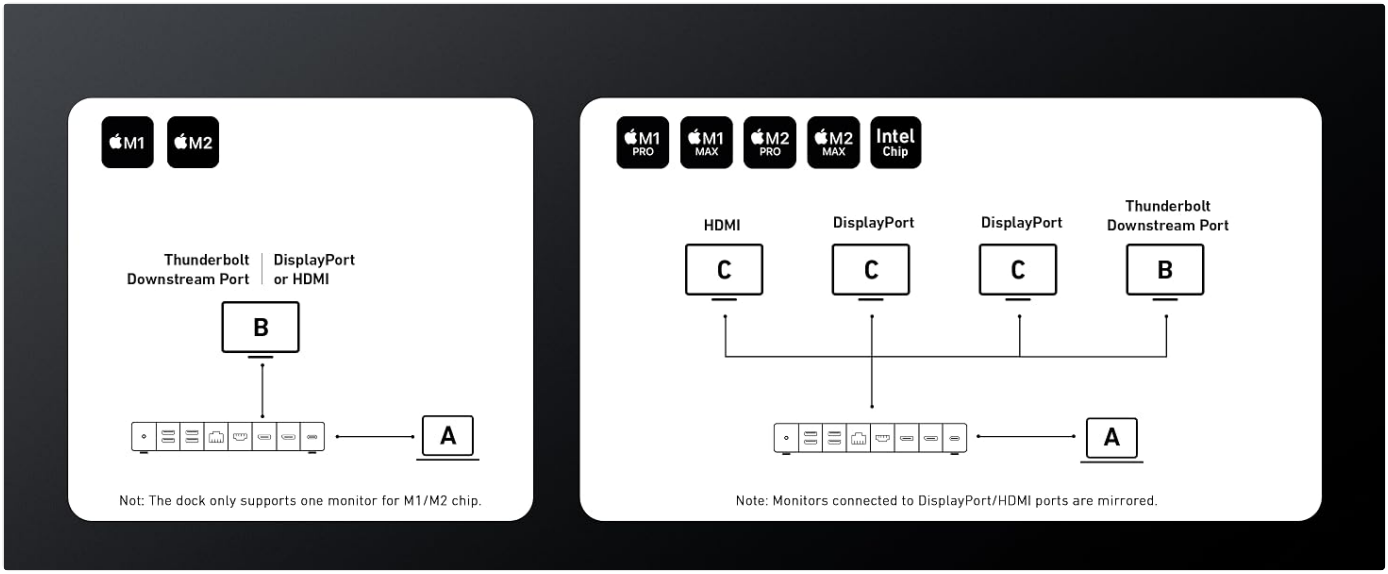


Image Description: A visual guide detailing how to connect multiple displays (up to four 4K monitors) to the docking station for Windows and Intel-based Mac systems.



Image Description: A visual guide showing the connection of a single external monitor to the docking station for M1/M2 Mac systems, which typically support only one external display via the dock.

3.5 Anker Dock Manager

Manage supported Anker hubs and docking stations with ease using the Anker Dock Manager app. This tool allows you to update firmware, ensure device compatibility, and access integrated support and feedback features for quick troubleshooting.



Image Description: A screenshot of the Anker Dock Manager software running on both a laptop and a connected external monitor, illustrating its user interface for managing Anker docking stations.

4. Compatibility

4.1 Compatible Devices

- Dell XPS
- ThinkPad
- Dell Latitude 3520

- Dell Latitude 7420
- Dell XPS 13 9305
- HP EliteBook 850 G8
- ThinkPad T14s Gen 2
- ThinkPad X1 Carbon Gen 9
- ThinkPad X13 Gen 2
- ThinkPad P15v Gen 2

4.2 Compatible Operating Systems

- macOS
- Windows



Image Description: A graphic illustrating the wide compatibility of the Anker 778 Docking Station with various laptop models from Dell, HP, and ThinkPad, as well as macOS and Windows operating systems.

5. Specifications

Feature	Detail

Brand	Anker
Model	778
Color	Gray
Hardware Interface	Thunderbolt
Total USB Ports	6
Number of Ports	12
Total HDMI Ports	2 (1x HDMI 2.1, 1x Thunderbolt 4 downstream supports display)
DisplayPorts	2
Wattage	100 watts (max laptop charging)
Product Dimensions	8.27"L x 3.15"W x 1.26"H
Item Weight	1.28 Pounds
UPC	194644117498

6. Troubleshooting

6.1 General Issues

- **No Power:** Ensure the 180W power adapter is securely connected to both the docking station and a working power outlet. Check the power button on the dock.
- **No Display Output:** Verify that the Thunderbolt 4 cable is correctly connected between your laptop and the dock's upstream port. Ensure display cables (HDMI/DisplayPort) are firmly connected to both the dock and monitors. Check your laptop's display settings to detect and configure external displays.
- **Intermittent Connectivity:** Try using different cables. Ensure your laptop's drivers are up to date. Reduce the number of connected high-bandwidth devices if experiencing issues.
- **Charging Issues:** Confirm your laptop supports charging via Thunderbolt 4. Ensure the USB-C ports used for charging other devices are compatible with their respective power requirements.

6.2 Mac-Specific Display Notes

- **M1/M2 MacBooks:** These models typically support only one external display via the docking station. Connecting multiple displays will result in mirrored screens.
- **Intel-based MacBooks:** These models can support multiple distinct displays. Refer to the display configuration diagrams in the Operating section for optimal setup.

For further assistance, utilize the Anker Dock Manager app for firmware updates and direct support.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the docking station. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage and maintain optimal performance.

8. Warranty & Support

The Anker 778 Thunderbolt Docking Station comes with an **18-month warranty**. For technical support, FAQs, and to register your product, please visit the official Anker support website or use the Anker Dock Manager app.
You can also contact Anker customer service for friendly assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question