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Anker A83C3

Anker Nano Docking Station with Detachable Hub (Model A83C3) - User Manual

INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your Anker Nano Docking Station with Detachable Hub (Model A83C3). Please read this guide thoroughly to ensure optimal performance and safe use of your device.

PACKAGE CONTENTS

- Anker Nano Docking Station (13-in-1, Triple Display, Built-In Removable Hub)
- 3 ft USB-C to USB-C cable for the upstream port (10 Gbps)
- 140W power adapter with a built-in 5 ft power cord
- Safety sheet with QR code for the user manual

Your browser does not support the video tag.

Video: Quick Start Guide with Anker Nano 13-in-1 Docking Station. This video provides a visual overview of the package contents and initial setup steps.

PRODUCT OVERVIEW

Main Dock (13-in-1)

The main docking station provides extensive connectivity for your desktop setup. It features a comprehensive array of ports for power, data, and display.

13-in-1 Dock with Built-In 6-in-1 Detachable Hub



Image: Port Overview of the Anker Nano Docking Station. This diagram labels each port on the main dock, including USB-C, USB-A, HDMI, DisplayPort, Ethernet, audio jack, and power input.

- **USB-C Upstream Port:** Connects to your laptop, delivers up to 100W power, 10 Gbps data transfer.
- **2x HDMI Ports:** Supports up to 4K resolution.
- **1x DisplayPort:** Supports up to 4K resolution.
- **2x USB-C Data Ports:** 10 Gbps data transfer.
- **3x USB-A Data Ports:** For connecting peripherals.
- **Ethernet Port:** 1 Gbps wired network connection.
- **Audio Jack:** For headphones and microphones.
- **SD/TF Card Slots:** For memory card access.
- **Power-In Port:** Connects to the 140W power adapter.

Detachable Hub (6-in-1)

The detachable hub offers essential ports for mobile use, providing convenience when you need to work away from your main desktop setup.

Portable Hub with 6 Essential Connections



Plug In Devices Quickly Anywhere



Smaller Than a Credit Card

Note: Data based on internal lab testing.

Image: Compact Removable Hub. This image highlights the detachable hub's compact design and its individual ports.

- **USB-C Upstream Port:** Connects to your laptop, delivers up to 85W power, 10 Gbps data transfer.
- **1x HDMI Port:** Supports up to 4K@60Hz resolution.
- **1x USB-C PD-IN Port:** Up to 100W max input for charging.

- **1x USB-A Data Port:** For connecting peripherals.
- **SD/TF Card Slots:** For memory card access.

SETUP

1. Power Connection

Connect the included 140W power adapter to the 'POWER-IN' port on the back of the docking station, then plug the adapter into a wall outlet. The white power indicator on the dock will illuminate.

2. Laptop Connection

Use the provided 3 ft USB-C to USB-C cable to connect the dock's upstream port to a full-functional USB-C or Thunderbolt port on your laptop. The dock supports laptop charging up to 100W.

OPERATING THE DOCK

Connecting Monitors

The main dock supports up to three external displays via two HDMI ports and one DisplayPort. Ensure your laptop's USB-C port supports DP Alt Mode for video output.

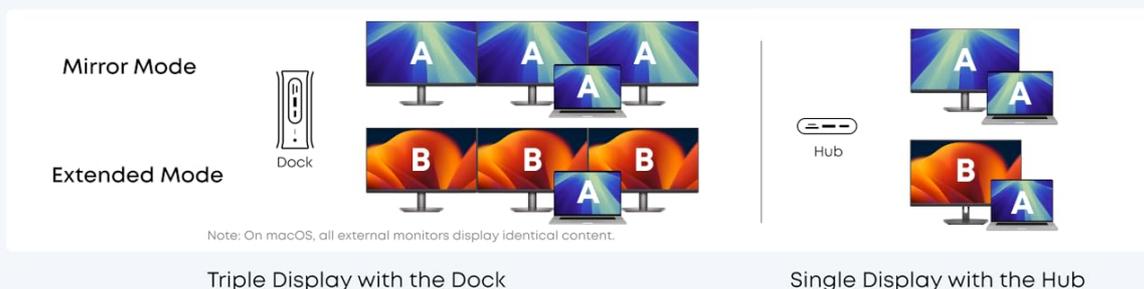
Display Modes on Windows



Note: Labels A, B, C, and D indicate different content on each screen.

Image: Display Modes for Windows. Windows laptops support Multi-Stream Transport (MST), allowing different content on each external monitor.

Display Modes on macOS



Note: On macOS, all external monitors display identical content.

Note: Labels A, B, C, and D indicate different content on each screen.

Image: Display Modes for macOS. On macOS, all external monitors will mirror the same content due to system limitations.

Display Resolutions and Refresh Rates

Unlock dual 4K@60Hz output when both the laptop and monitors support DSC. Refer to the table below for supported resolutions and refresh rates based on your laptop's USB-C DP version.

Display Resolutions and Refresh Rates

Unlock dual 4K@60Hz output when both the laptop and monitors support DSC.

Display Setup	For USB-C Laptops with DP 1.4 Version			For USB-C Laptops with DP 1.2 Version		
	HDMI (Port 1)	HDMI (Port 2)	DP (Port 3)	HDMI (Port 1)	HDMI (Port 2)	DP (Port 3)
Single Monitor	3840×2160@60Hz	/	/	3840×2160@30Hz	/	/
	/	3840×2160@60Hz	/	/	3840×2160@30Hz	/
	/	/	3840×2160@60Hz	/	/	3840×2160@30Hz
Dual Monitors	2560×1440@60Hz	2560×1440@60Hz	/	1920×1080@60Hz	1920×1080@60Hz	/
	2560×1440@60Hz	/	2560×1440@60Hz	1920×1080@60Hz	/	1920×1080@60Hz
	/	2560×1440@60Hz	2560×1440@60Hz	/	1920×1080@60Hz	1920×1080@60Hz
Triple Monitors	1920×1080@60Hz	1920×1080@60Hz	1920×1080@60Hz	1600×900@60Hz	1600×900@60Hz	1600×900@60Hz

Note: Only the HDMI and DisplayPort outputs support video. USB-C does not support video output.

Image: Display Resolution Table. This table provides specific resolution and refresh rate capabilities for various display configurations.

Data Transfer and Audio

- **USB Ports:** Two USB-C data ports and three USB-A data ports support data transfer speeds up to 10 Gbps.
- **Ethernet Port:** Provides up to 1 Gbps wired network connection.
- **SD and TF Card Slots:** Supports data transfer speeds up to 104 MB/s.
- **3.5 mm AUX Jack:** For wired audio devices like headphones or speakers.

OPERATING THE DETACHABLE HUB

Removal and Reinsertion

To remove the hub, press the hub's release button located on top of the main dock. The hub will eject. To reinsert, align the hub with the slot and push until it clicks into place. The blue light strip will turn on to indicate full dock function.

Enjoy Stable and Consistent Performance



Dock Remains Active Even Without the Hub



Easily Detach or Reconnect the Hub



Easily Detach or Reconnect the Hub

Image: Easily Detach or Reconnect the Hub. This visual guide shows how to remove and reattach the hub, emphasizing that the dock remains active.

Connecting to Laptop and Charging (Via Hub)

Connect the hub's USB-C upstream port directly to your laptop. Use the hub's USB-C PD-IN port to supply up to 85W to your laptop. *Note: Charger and cable for PD-IN are not included with the hub.*

Connecting a Monitor (Via Hub)

The detachable hub supports one external display via its HDMI port. This is compatible with both macOS and Windows laptops, allowing different content from your laptop on the external monitor.

Data Transfer (Via Hub)

- **USB Ports:** The USB-C and USB-A data ports on the hub support up to 5 Gbps transfer speed.
- **SD and TF Card Slots:** Supports data transfer speeds up to 104 MB/s.

Hub Usage Reminder

If the hub blocks other laptop ports, rotate it 180° and reinsert to free up space. On some laptop models, it may still block adjacent ports. Check the dimensions before purchase to ensure compatibility.

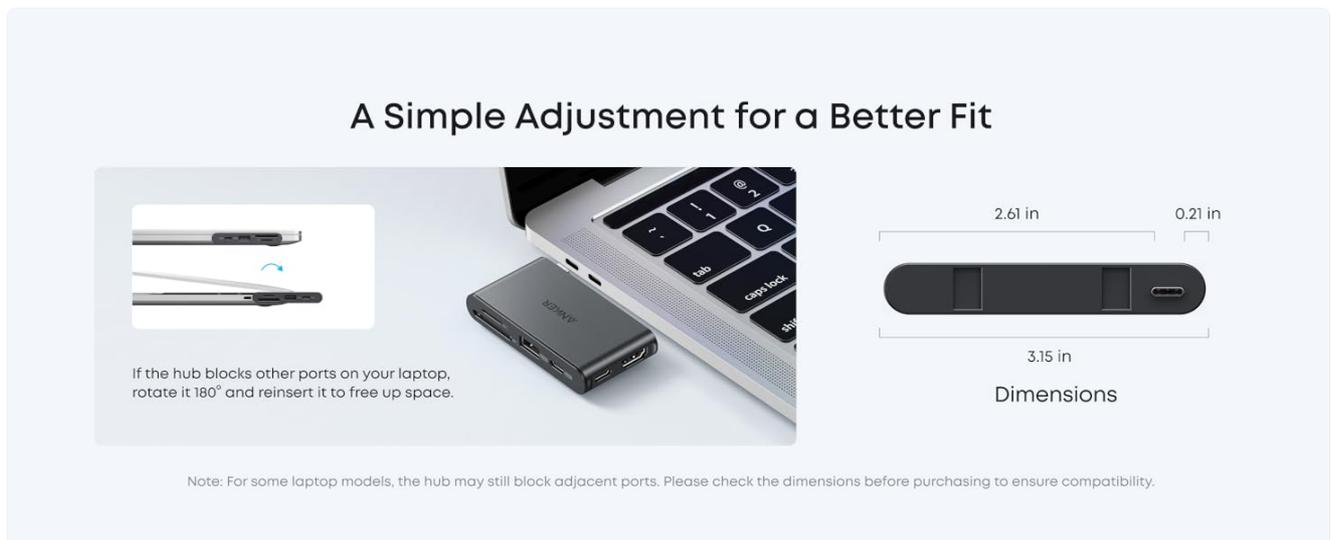


Image: Hub Usage Reminder. This image illustrates how to adjust the hub's orientation for better port access on your laptop.

LIGHT INDICATORS

The Anker Nano Docking Station features a white power indicator and a blue light strip to show its status.

- **White Power Indicator:** The dock is receiving power.
- **Blue Light Strip (On):** The dock is powered, the upstream port is connected to the laptop, and the dock and hub are connected.
- **Blue Light Strip (Off):** The hub is removed, the dock is disconnected, or the light strip switch has been briefly pressed.

Refined Status Lighting with a Modern Aesthetic



Active State:

- Lights up blue when docked, powered, and connected to the host.
- It can be toggled using the Light Strip Switch on the back.



Inactive State:

Light turns off when the hub is removed, the laptop is disconnected, or the power is off.

Image: LED Status. This image visually explains the different states of the blue light strip and power indicator.

SPECIFICATIONS

Feature	Detail
Product Dimensions	3.74 x 1.57 x 5.51 inches
Item Weight	2.13 pounds
Model Number	A83C3
Brand	Anker
Color	Black
Hardware Interface	DisplayPort, Ethernet, HDMI, USB Type C
Total USB Ports	5 (2x USB-C data, 3x USB-A data)
Number of Ports	13 (Main Dock) + 6 (Detachable Hub)
Total HDMI Ports	2 (Main Dock) + 1 (Detachable Hub)
Wattage (Host Charging)	Up to 100W (Main Dock), Up to 85W (Detachable Hub)
Max Power Input	140W (Main Dock), 100W (Detachable Hub)
Data Transfer Speed	Up to 10 Gbps (USB-C), Up to 104 MB/s (SD/TF)

COMPATIBILITY NOTES

For full compatibility and optimal performance, please observe the following:

- **Laptop's USB-C Requirements:** Your laptop's USB-C port must support DP Alt Mode (for display output) and Power Delivery (for charging).
- **Included USB 3.2 Gen 2 Cable:** We recommend using the included USB 3.2 Gen 2 cable to connect the dock to your laptop, as other cables may cause compatibility issues.
- **System Support:** Windows 10 / 11 and macOS 13.5 or later.
- **USB-C Monitors Not Supported:** The front two USB-C ports support data transfer only. They do not support output video or connect to USB-C monitors.

- **macOS Mirror Displays:** Due to macOS limitation, all external monitors mirror the same screen.
- **Slow Charging:** Some laptops use proprietary charging protocols and may display a "slow charging" warning when using non-original chargers. If your laptop requires 100W or less, the dock will charge it at the same speed as the original adapter. For laptops requiring over 100W, we recommend using the original adapter.
- **Downstream Ports Not Charging Devices:** The downstream USB-A and USB-C ports support data transfer and provide standard power for device operation, but do not support device charging.

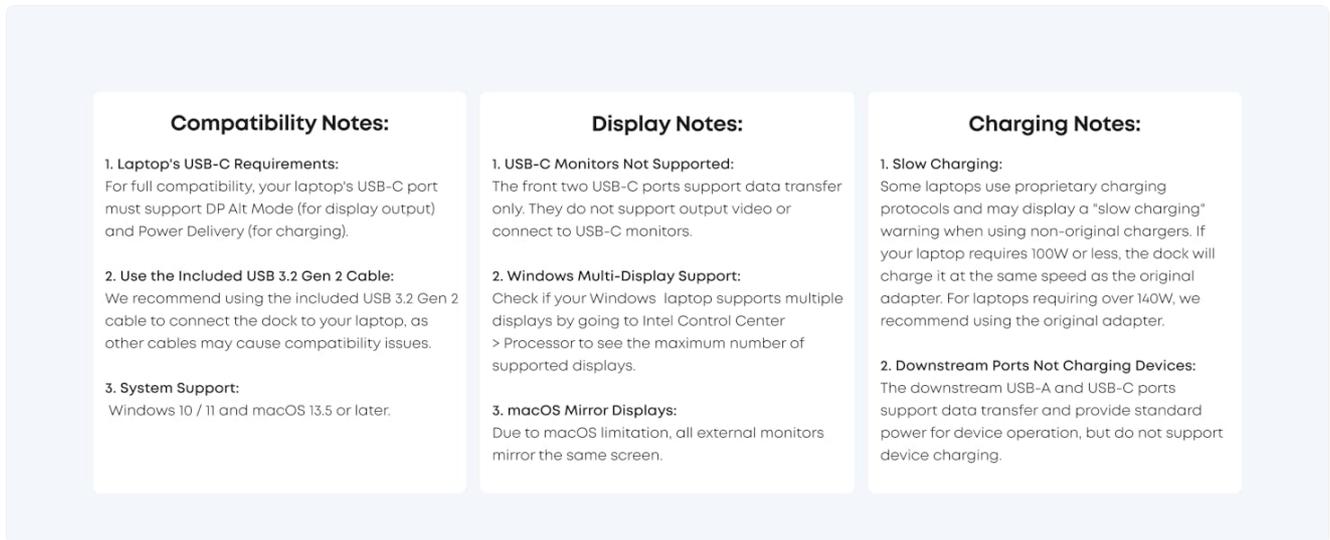


Image: Docking Station Notes. This infographic summarizes key compatibility, display, and charging considerations.

TROUBLESHOOTING

If you encounter any issues with your Anker Nano Docking Station, please try the following steps:

1. Disconnect the dock from your laptop and unplug all devices. Wait at least 5 minutes. Restart your laptop, then reconnect the dock and test again.
2. Test with a different laptop to see if the issue persists.
3. Connect your peripherals directly to the laptop to confirm they work normally without the dock.
4. Try a different device or cable in the same dock port to determine the problem.

MAINTENANCE

To ensure the longevity and optimal performance of your Anker Nano Docking Station, follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Ensure proper ventilation around the docking station to prevent overheating. Do not block the ventilation holes.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Regularly check cables for any signs of wear or damage and replace them if necessary.

WARRANTY AND SUPPORT

Anker provides a hassle-free warranty for this product. For warranty claims, technical support, or customer service inquiries, please refer to the contact information provided on the safety sheet included in your package or visit the official Anker website.

