

Dell DA300

Dell USB-C Mobile Adapter (DA300) Instruction Manual

1. PRODUCT OVERVIEW

The Dell USB-C Mobile Adapter (DA300) is a compact, multi-port adapter designed to provide seamless video, network, and data connectivity for your USB-C enabled device. It features a wide variety of port options, including HDMI, DisplayPort (DP), VGA, Ethernet, USB-C, and USB-A, allowing for versatile connections to various peripherals and displays.

This adapter supports 4K resolution at 60Hz for crisp, clear video output through its HDMI or DisplayPort connections. Its innovative design includes a concealed, retractable coaxial cable for tidy storage and enhanced signal integrity. The DA300 is a plug-and-play device, requiring no driver installation for most systems, making it ready for immediate use.

1.1. Package Contents

- Dell DA300 Mobile Adapter
- Setup Guide

2. KEY FEATURES

- **Versatile Connectivity:** Offers HDMI, DisplayPort, VGA, Ethernet, USB-C, and USB-A ports.
- **High-Resolution Video Output:** Connects to 4K displays at 60Hz via DisplayPort or HDMI. Supports a single display at a time.
- **Integrated Cable Management:** Features a built-in, retractable coaxial cable for neat storage and reliable connection.
- **Compact and Portable Design:** Small, round shape with a concealed cable, ideal for travel and easy storage.
- **Plug-and-Play Functionality:** No external driver installation required for immediate use.
- **Fast Data Transfer:** USB-A and USB-C downstream ports support SuperSpeed USB 10Gbps data transfer rates.

3. SETUP GUIDE

The Dell USB-C Mobile Adapter (DA300) is designed for simple plug-and-play operation. Follow these steps to connect the adapter to your device and peripherals:

1. **Connect to Host Device:** Gently twist the top and bottom covers of the adapter to extend the integrated USB-C cable. Plug the USB-C connector into an available USB-C port on your laptop or compatible device.
2. **Connect Peripherals:**
 - **Video Displays:** Connect your monitor or projector to the adapter using an HDMI, DisplayPort, or VGA cable. The adapter supports one video output at a time.
 - **Network:** For wired internet access, connect an Ethernet cable from your router or network switch to the Ethernet port on the adapter.
 - **USB Devices:** Plug your USB-A or USB-C peripherals (e.g., external hard drives, keyboards, mice) into the corresponding USB-A or USB-C downstream ports on the adapter.
3. **Verify Connection:** Your operating system should automatically detect the adapter and connected devices. No additional drivers are typically required.



Figure 1: Dell USB-C Mobile Adapter (DA300) showing the integrated USB-C cable and video output ports (HDMI, VGA, DisplayPort).



Figure 2: Dell USB-C Mobile Adapter (DA300) displaying the Ethernet, USB-C downstream, and USB-A downstream ports.

4. OPERATING INSTRUCTIONS

Once connected, the Dell DA300 adapter functions as an extension of your device's connectivity. Here are guidelines for its operation:

- **Video Output:** The adapter supports a single external display at a time. If multiple video cables are connected, only one output will be active. Ensure your display is set to the correct input source (HDMI, DisplayPort, or VGA). For optimal performance, use high-quality cables.
- **Network Connection:** The Ethernet port provides a stable wired network connection. Once connected, your operating system should automatically configure the network settings.
- **USB Data Transfer:** The USB-A and USB-C downstream ports are for connecting data peripherals. They support high-speed data transfer. Note that the USB-C downstream port is for data only and does not support power pass-through charging for the host device.
- **Cable Management:** To store the adapter, gently twist the top and bottom covers in the opposite direction to retract the USB-C cable back into the adapter's housing.

5. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	DELL-DA300
Connectivity	1x HDMI, 1x DisplayPort, 1x VGA, 1x Ethernet (RJ-45), 1x USB-C (downstream), 1x USB-A (downstream)
Video Output Resolution	Up to 4K (3840 x 2160) at 60Hz via HDMI or DisplayPort (single display only)
Data Transfer Speed	SuperSpeed USB 10Gbps (USB-A and USB-C downstream ports)
Dimensions (L x W x H)	2.75 x 2.75 x 0.96 inches (70 x 70 x 24.5 mm)

Feature	Specification
Weight	2.88 ounces (81.6 grams)
Color	Black
Host Connection	USB-C
Power	Bus-powered (no external power adapter required)



Figure 3: Bottom of the Dell DA300 adapter, displaying model number and regulatory compliance information.

6. TROUBLESHOOTING

If you encounter issues while using the Dell USB-C Mobile Adapter (DA300), refer to the following common problems and solutions:

- **No Video Output:**
 - Ensure the adapter's USB-C cable is securely connected to your host device.
 - Verify that the video cable (HDMI, DisplayPort, or VGA) is firmly connected to both the adapter and the display.
 - Check that your display is powered on and set to the correct input source.

- Confirm that only one video output port on the adapter is in use at a time.
- Try connecting the adapter to a different USB-C port on your host device.
- Restart your host device.
- **No Network Connection:**
 - Ensure the Ethernet cable is securely connected to both the adapter and your network source.
 - Check the network status on your host device.
 - Verify that your network router or switch is functioning correctly.
 - Try a different Ethernet cable.
- **USB Devices Not Recognized:**
 - Ensure the USB device is properly connected to the adapter's USB-A or USB-C downstream port.
 - Test the USB device by connecting it directly to your host device (if possible) to rule out device issues.
 - Some high-power USB devices may require direct connection to the host or a powered USB hub.
- **Adapter Feels Warm:**

It is normal for the adapter to become warm during operation, especially when multiple ports are in use or when transferring large amounts of data. This is typically not an indication of a malfunction.

7. SAFETY INFORMATION

Please read and follow these safety guidelines to ensure safe operation and prolong the life of your Dell USB-C Mobile Adapter (DA300):

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not attempt to disassemble or modify the adapter. Unauthorized modifications can void your warranty and pose safety risks.
- Use only compatible cables and devices with the adapter.
- Keep the adapter away from children.
- Disconnect the adapter from your device when not in use for extended periods.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Dell USB-C Mobile Adapter (DA300), please refer to the documentation included with your purchase or visit the official Dell support website. You can typically find support resources, drivers, and contact information there.

Dell Support Website: www.dell.com/support