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HP X7W54AA

HP Elite USB-C Docking Station G2 User Manual

Model: X7W54AA

Introduction

This manual provides essential information for setting up, operating, and maintaining your HP Elite USB-C Docking Station G2. This docking station offers expanded connectivity for your USB-C enabled laptop, allowing you to connect multiple peripherals, external displays, and power your device through a single USB-C cable.

Package Contents

Verify that your package contains the following items:

- HP Elite USB-C Docking Station G2
- Integrated USB-C cable
- *(Power adapter may be sold separately or included depending on region/bundle)*

Product Overview

The HP Elite USB-C Docking Station G2 provides a range of ports to enhance your workstation setup.



Image: HP Elite USB-C Docking Station G2. The dock is a compact black rectangular unit with an integrated USB-C cable extending from one end. Visible ports on the front/side include a USB-A port and an audio jack.

Key Features and Ports:

- **USB-C Host Connection:** Connects to your laptop for data, video, and power delivery.
- **USB-A Ports:** Multiple USB 3.0 ports for connecting peripherals like keyboards, mice, and external drives (Total 5 USB ports).
- **HDMI Ports:** For connecting external displays (Total 2 HDMI ports).
- **Ethernet Port:** For wired network connectivity.
- **Audio Jack:** For headphones or speakers.
- **Power Pass-Through:** Powers your laptop while connected to the dock (requires a power adapter connected to the dock, if applicable).

Setup Instructions

1. **Connect Power (if applicable):** If your dock requires external power, connect the power adapter (sold separately or included) to the dock's power input port and then to a wall outlet.
2. **Connect to Laptop:** Plug the integrated USB-C cable from the docking station into the USB-C port on your laptop.
3. **Connect External Displays:** Use HDMI cables to connect your monitors to the HDMI ports on the docking station.
4. **Connect Peripherals:** Plug your USB devices (keyboard, mouse, external hard drive, etc.) into the available USB-A ports on the docking station.
5. **Connect to Network:** For a wired internet connection, connect an Ethernet cable from your router or network jack to the Ethernet port on the docking station.
6. **Connect Audio Devices:** Plug your headphones or speakers into the audio jack on the docking station.
7. **Driver Installation:** In most cases, the docking station is plug-and-play. Your operating system should automatically detect and install necessary drivers. If issues arise, visit the official HP support website for your

specific model to download the latest drivers.

Operating Instructions

- **Power On/Off:** The docking station typically powers on automatically when connected to a powered laptop. There is usually no separate power button.
- **Display Configuration:** Once external monitors are connected, you may need to configure display settings in your operating system (e.g., extend, duplicate, or second screen only).
- **USB Device Usage:** Connected USB devices will function as if directly connected to your laptop.
- **Network Access:** If connected via Ethernet, your laptop will use the wired network connection.
- **Audio Output:** Select the docking station as your audio output device in your operating system's sound settings if you wish to use connected headphones or speakers.
- **Power Delivery:** If the dock is connected to an external power source, it will charge your laptop through the USB-C connection.

Maintenance

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the docking station. Do not use liquid cleaners or aerosols.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or kinking the integrated USB-C cable excessively to prevent damage.
- **Firmware Updates:** Periodically check the HP support website for firmware updates for your docking station to ensure optimal performance and compatibility.

Troubleshooting

No Power to Laptop / Laptop Not Charging:

- Ensure the dock's power adapter (if required) is securely connected to both the dock and a working power outlet.
- Verify your laptop's USB-C port supports power delivery.
- Some HP models might have specific compatibility requirements; check HP's official compatibility list for your laptop and dock model.

External Displays Not Working:

- Check all HDMI cable connections between the dock and monitors.
- Ensure monitors are powered on and set to the correct input source (HDMI).
- Update your laptop's graphics drivers.
- Try restarting your laptop and reconnecting the dock.

USB Devices Not Detected:

- Try connecting the USB device to a different port on the dock.

- Try connecting the USB device to a different port on the dock.
- Ensure the device is properly powered (if it's a self-powered device).
- Reconnect the dock to your laptop.

Ethernet Connection Drops or Not Working:

- Ensure the Ethernet cable is securely connected to both the dock and your network source.
- Try restarting the dock by disconnecting and reconnecting its power (if applicable) and the USB-C connection to the laptop.
- Update the dock's firmware and your laptop's network drivers.

Specifications

Model Number	X7W54AA
Brand	HP
Dimensions (L x W x H)	15.24 x 7 x 1.96 cm
Weight	300 Grams
Color	Black
Host Interface	USB-C
USB Ports	5 (USB 3.0 Type-A)
Video Ports	2 x HDMI
Ethernet	Yes (RJ-45)
Audio	Yes (Headphone/Microphone Combo Jack)
Power Delivery	Yes (via USB-C, requires external power adapter for dock)
Compatible Devices	Desktops (and Laptops with USB-C)

Warranty and Support

This HP Elite USB-C Docking Station G2 comes with a manufacturer's warranty of one year from the date of purchase. For detailed warranty terms, technical support, driver downloads, and troubleshooting guides, please visit the official HP support website:

HP Official Support

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Question

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Details

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