

## WAVLINK B0DXF92DL1

# WAVLINK 13-in-1 USB-C Triple Display Docking Station User Manual

Model: B0DXF92DL1

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your WAVLINK 13-in-1 USB-C Triple Display Docking Station. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

## 2. PRODUCT OVERVIEW

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The WAVLINK 13-in-1 USB-C Triple Display Docking Station expands your laptop's connectivity, offering multiple ports for displays, peripherals, network, and power delivery. It is designed to enhance productivity by supporting various display configurations.

### Package Contents

- WAVLINK 13-in-1 USB-C Triple Display Docking Station
- USB-C to C Cable
- 130W Power Adapter
- AC Power Cable
- Quick Start Guide



Image: Contents of the WAVLINK 13-in-1 USB-C Triple Display Docking Station package, including the docking station, cables, power adapter, and quick start guide.

## Port Layout

The docking station features a comprehensive array of ports to connect various devices:

# 13-IN-1

## Triple Display MST Docking Station

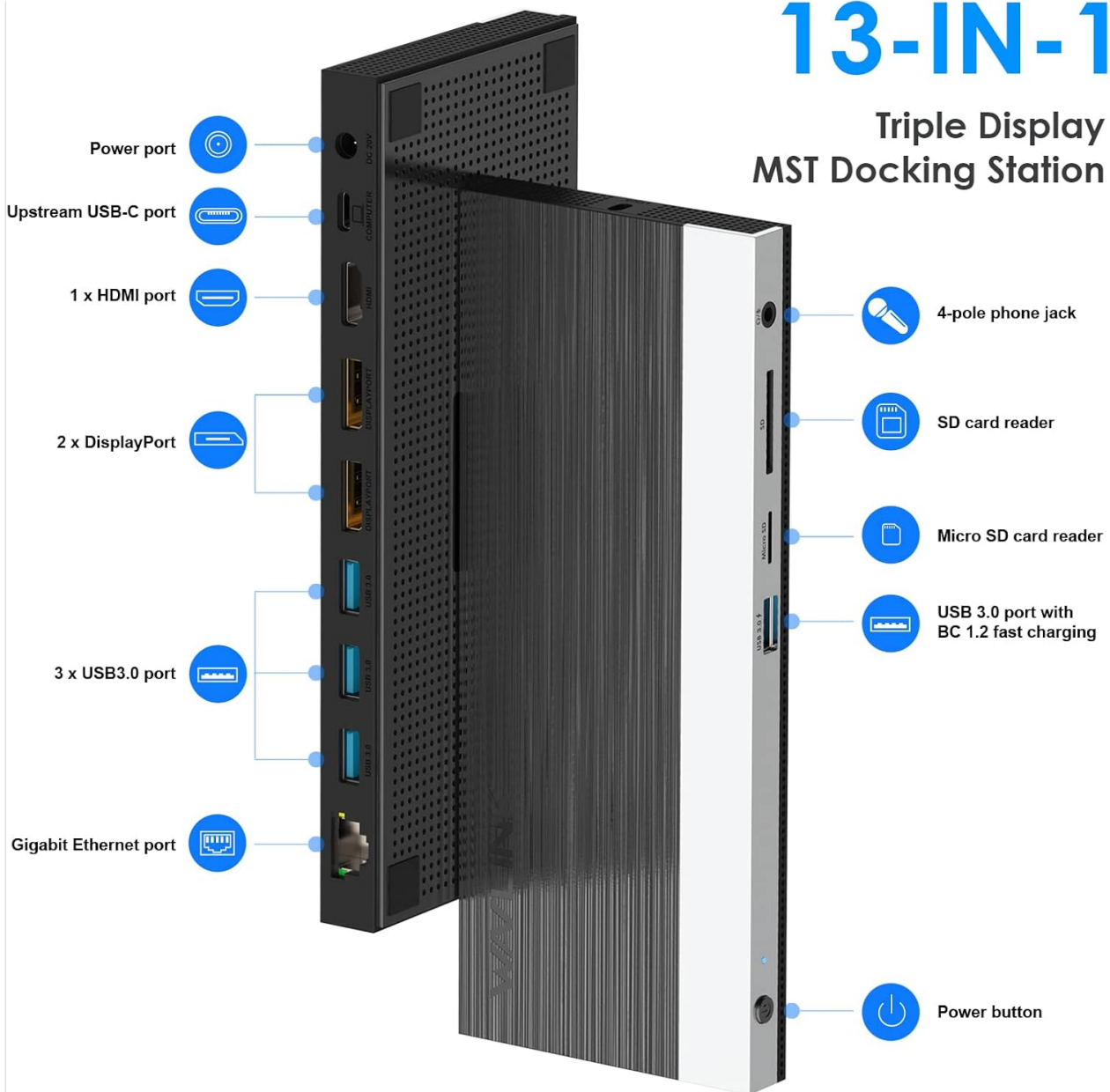


Image: Diagram showing the front and rear ports of the WAVLINK 13-in-1 USB-C Triple Display Docking Station, with each port clearly labeled.

- **Power Port (DC 20V):** Connects to the included 130W power adapter.
- **Upstream USB-C Port:** Connects to your host laptop for data, video, and power delivery.
- **HDMI Port:** Connects to an HDMI display.
- **2 x DisplayPort:** Connects to DisplayPort displays.
- **Gigabit Ethernet Port (RJ45):** Provides a stable wired network connection.
- **4 x USB 3.0 Ports:** For connecting USB peripherals, with one supporting BC 1.2 fast charging.
- **SD Card Reader:** For reading standard SD cards.
- **Micro SD Card Reader:** For reading Micro SD cards.
- **4-Pole Phone Jack (3.5mm Audio):** For connecting headphones or speakers.
- **Power Button:** To power on/off the docking station.

### 3. SETUP INSTRUCTIONS

Follow these steps to set up your WAVLINK docking station:

1. **Connect Power:** Connect the included 130W power adapter to the DC 20V power port on the docking

station, then plug the AC power cable into a wall outlet.

2. **Connect to Host Laptop:** Use the provided USB-C to C cable to connect the upstream USB-C port on the docking station to a compatible USB-C port on your laptop. Ensure your laptop's USB-C port supports DisplayPort Alternate Mode and Power Delivery.
3. **Connect Displays:** Connect your external monitors to the HDMI and DisplayPort outputs on the docking station using appropriate cables.
4. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external drives), Ethernet cable, and audio devices to the corresponding ports on the docking station.
5. **Power On:** Press the power button on the docking station. Your laptop should detect the connected devices and displays automatically.

## 4. OPERATING INSTRUCTIONS

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### Display Modes

The docking station supports various display configurations depending on your operating system.

### Windows Systems

Windows systems support both Mirror and Extend modes for multiple displays.

# Multi Display Modes(DP1.4)

## 1 Extend Mode



## 2 Mirror Mode



**Note: Make sure your computer's graphics card supports 4 monitors**

Image: Illustration of Windows multi-display modes, showing a laptop connected to three external monitors in both Extend Mode (each monitor displays unique content) and Mirror Mode (all monitors display the same content).

- **Extend Mode:** Each external monitor can display different content, extending your desktop workspace.
- **Mirror Mode:** All external monitors will display the same content as your primary display.

### macOS Systems

macOS systems support Mirror mode and a non-mirror mode. They do not support Multi-Stream Transport (MST) for extended displays with unique content on each external monitor.

# Multi Display Modes(DP1.4)

## 1 Mac Mirror Mode



## 2 Mac Non-Mirror Mode



**Note: Mac doesn't support MST (Multi Stream Transport)**

Image: Illustration of Mac multi-display modes, showing a laptop connected to three external monitors in both Mirror Mode (all monitors display the same content) and Non-Mirror Mode (all external monitors display the same content, but different from the laptop screen).

- **Mirror Mode:** All external monitors will display the same content as your primary display.
- **Non-Mirror Mode:** The three external monitors (HDMI+DP+DP) will display the same content, which is different from the laptop's built-in screen.

### Resolution Capabilities

- Single HDMI/DP display: Up to 4K@60Hz (with DP1.3/DP1.4 source).
- Dual displays simultaneously: Up to 2K@60Hz.
- Triple displays (HDMI + DP + DP) simultaneously: Up to 1920x1080@60Hz.

### Power Delivery (PD) Charging

The upstream USB-C port provides up to 100W Power Delivery 3.0 to charge your connected laptop. Additionally, one USB 3.0 port supports BC 1.2 fast charging, delivering up to 7.5W for mobile devices.

# SUPER 130W PD CHARGING

Fast charging effortlessly & safely while working



Image: A laptop and a smartphone connected to the docking station, illustrating 100W Power Delivery to the laptop and BC 1.2 fast charging to the smartphone.

## Data Transfer

The docking station features four USB 3.0 ports, offering data transfer speeds up to 5Gbps. The built-in SD and Micro SD card readers support speeds up to 104MBps and can operate simultaneously.

# Transfer in Seconds

4 USB 3.0 ports sync data at blazing speeds up to 5Gbps, up to 10x faster than USB 2.0.

5Gbps

4\*USB 3.0 Ports

104MB/S

SD/TF Card Reader

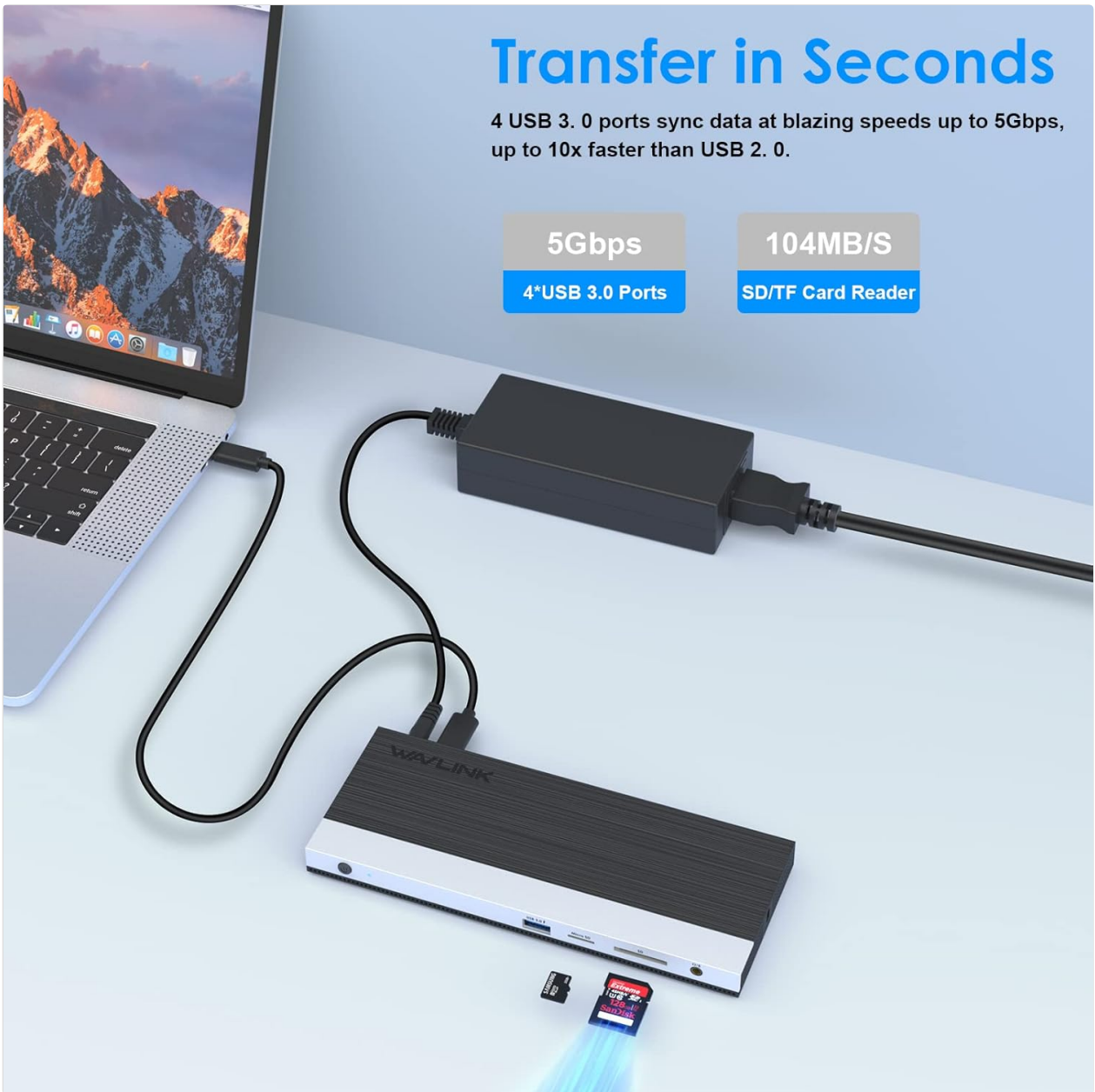


Image: A laptop connected to the docking station, with USB flash drives and an SD card inserted, highlighting 5Gbps USB 3.0 speeds and 104MB/s SD/TF card reader speeds.

## Gigabit Ethernet

The RJ45 Ethernet port provides a stable and high-speed wired network connection up to 1000Mbps, ideal for reliable internet access.

## 5. COMPATIBILITY

This docking station is compatible with most Type-C and Thunderbolt 3/4 devices running Windows, macOS, Chrome OS, Linux, and Android.

# Comprehensive Compatibility

## Compatible Devices



## Operating Systems



**Note: Make sure your device's USB C port supports Power Delivery, DisplayPort and Data Transfer.**

Image: Visual representation of the docking station's compatibility with various devices like smartphones, tablets, laptops, desktops, and cameras, as well as operating systems including Windows, Chrome OS, Mac OS, Linux, and Android.

## Important Compatibility Notes

Before purchasing or using, ensure your host system's USB-C interface supports:

- **DisplayPort Alternate Mode (Alt Mode):** Essential for video output.
- **USB Power Delivery (PD) Protocol:** Required for laptop charging via the docking station.
- **Data Transfer:** For USB peripheral functionality.

If your USB-C port only supports data transfer or charging without DisplayPort Alt Mode, video output will not function.



Image: A visual guide showing various types of USB-C ports (Thunderbolt 3, Data+DisplayPort+Power Delivery, Data Transfer only, Data+Power Delivery only, Data+DisplayPort only, Charging only) and indicating which are compatible with the docking station for full functionality.

## 6. SPECIFICATIONS

Feature	Detail
Model	B0DXF92DL1
Brand	WAVLINK
Hardware Interface	Ethernet, HDMI, USB 3.0, DisplayPort, USB-C, SD/TF Card Reader, 3.5mm Audio Jack
Number of Ports	13
Total USB Ports	4 (USB 3.0)
Data Transfer Rate	5 Gbps (USB 3.0), 104 MBps (SD/TF Card Reader)
Power Delivery	Up to 100W (Host Charging), 7.5W (BC 1.2 USB 3.0 Port)
Video Output	1x HDMI (4K@60Hz), 2x DisplayPort (4K@60Hz)
Ethernet	Gigabit (10/100/1000 Mbps)
Operating System Compatibility	Windows, macOS, Chrome OS, Linux, Android
Enclosure Material	Plastic

## Dimensions



Image: Technical drawing showing the dimensions of the WAVLINK 13-in-1 USB-C Triple Display Docking Station: 8.15 inches (207mm) length, 3.27 inches (83mm) width, and 0.71 inches (18mm) height.

## 7. TROUBLESHOOTING

If you encounter issues with your docking station, refer to the following common problems and solutions:

- **No Display Output:**
  - Ensure your laptop's USB-C port supports DisplayPort Alternate Mode.
  - Verify all display cables are securely connected to both the docking station and monitors.
  - Check monitor input settings to ensure the correct input source (HDMI/DisplayPort) is selected.
  - Restart your laptop and the docking station.
  - For triple display, ensure your graphics card supports at least 4 displays (including your laptop's screen).
- **Laptop Not Charging:**
  - Confirm the 130W power adapter is correctly connected to the docking station and a working power outlet.
  - Ensure your laptop's USB-C port supports USB Power Delivery (PD) protocol.
  - Verify the USB-C cable connecting the laptop to the docking station is capable of PD.
- **USB Devices Not Recognized:**

- Ensure the docking station is powered on and connected to your laptop.
  - Try connecting the USB device to a different USB 3.0 port on the docking station.
  - Connect the USB device directly to your laptop to confirm it is functional.
- **No Ethernet Connection:**
    - Check that the Ethernet cable is securely connected to both the docking station and your router/modem.
    - Verify network settings on your laptop.
    - Ensure your router/modem is functioning correctly.
- **Intermittent Connectivity:**
    - Ensure all cables are firmly connected.
    - Avoid placing the docking station near strong electromagnetic interference sources.
    - Update your laptop's USB-C port drivers if available.

## 8. MAINTENANCE

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To ensure the longevity and optimal performance of your WAVLINK docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry 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.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Ventilation:** Ensure the docking station has adequate ventilation to prevent overheating, especially during prolonged use with multiple connected devices.

## 9. WARRANTY AND SUPPORT

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### Warranty Information

This WAVLINK product comes with an 18-month warranty from the date of purchase. An additional 6 months of warranty may be available for registered members. Please retain your proof of purchase for warranty claims.

### Customer Support

For technical assistance or support, please contact WAVLINK customer service:

- **Phone:** +1 8889730883 (UTC -5) Monday - Friday, 9 AM - 6 PM
- **Email:** [Contact@wavlink.com](mailto:Contact@wavlink.com)