

ALOGIC DUCDDV3

ALOGIC USB-C 12-in-1 Mini Docking Station User Manual

Model: DUCDDV3

1. PRODUCT OVERVIEW

The ALOGIC USB-C 12-in-1 Mini Docking Station is a versatile solution designed to expand the connectivity of your USB-C enabled laptop or device. It provides a comprehensive range of ports for connecting external displays, USB accessories, network cables, and memory cards, all while delivering power to your host device.



Figure 1: ALOGIC USB-C 12-in-1 Mini Docking Station, showing its compact design and various ports.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x ALOGIC USB-C 12-in-1 Triple Display Mini Docking Station
- 1x User Manual

3. PRODUCT FEATURES

- **12-in-1 Connectivity:** Features 1x USB-C port (100W Power Delivery), 3x USB-A 2.0 ports (480 Mbps), 1x USB-A 3.0 port (5 Gbps), 1x Type-C Data port (5 Gbps), 2x HDMI ports, 1x VGA port, 1x RJ45 (10/100/1000 Mbps), Micro SD & SD Card Reader.
- **Triple/Dual Display Support:** Connect up to three external displays via 2x HDMI and 1x VGA ports. Supports Full HD (1920x1080 @60Hz) resolution on compatible displays. Both Extend and Mirror display modes are supported.
- **100W Power Delivery:** The USB-C port provides up to 100W (92W for laptop charging) of power to your USB-C enabled laptop while simultaneously transferring data at 5Gbps.
- **Universal Compatibility with DisplayLink:** Compatible with modern laptops, including those without a USB-C port (via included USB-C to USB-A adapter). Integrates DisplayLink technology for simplified setup and enhanced connectivity.

12-IN-1

USB-C MINI DOCKING STATION



Figure 2: Detailed view of the 12-in-1 docking station's ports, including USB-A, USB-C, HDMI, VGA, RJ45, and SD/Micro SD card slots.

LAPTOP CHARGING

UP TO 100W

2h 00m

Fully charges your
MacBook Pro 13"

1h 50m

Fully charges your
Surface Pro 7

POWER DELIVERY UP TO

100W

Figure 3: Illustration of the docking station providing up to 100W power delivery to a connected laptop.

4. SETUP INSTRUCTIONS

1. **Connect to Host Device:** Plug the integrated USB-C cable from the docking station into an available USB-C port on your laptop or host device. If your laptop does not have a USB-C port, use the included USB-C to USB-A adapter.
2. **Install DisplayLink Driver:** For multi-display functionality, especially on macOS and certain Windows systems, you may need to install the DisplayLink driver. Visit the official DisplayLink website or ALOGIC

support page for the latest driver.

3. Connect External Displays:

- For single or dual HDMI displays, connect your HDMI cables to the HDMI ports on the docking station.
- For VGA display, connect your VGA cable to the VGA port.
- For triple display setup, utilize both HDMI ports and the VGA port.

Ensure your external displays are powered on and set to the correct input source.

- 4. Connect Peripherals:** Plug your USB devices (e.g., keyboard, mouse, external hard drives) into the available USB-A and USB-C data ports.
- 5. Connect to Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router/modem to the RJ45 port on the docking station.
- 6. Insert Memory Cards (Optional):** Insert SD or Micro SD cards into the respective card reader slots.

MULTI-MONITOR CONFIGURATIONS

SUPPORTS EXTENDED AND MIRROR MODE



SINGLE DISPLAY
(MAC & WINDOWS)



DUAL DISPLAY
(MAC & WINDOWS)



TRIPLE DISPLAY
(MAC & WINDOWS)



Note: Triple display output requires a host device with a Thunderbolt 3/4 port or a USB-C port that supports DP Alt Mode. HDMI 1 requires a DP Alt Mode connection to function.

Figure 4: Multi-monitor configurations supported by the docking station, illustrating single, dual, and triple display setups for both Mac and Windows systems.

CRYSTAL CLEAR TRIPLE FHD

SEE MORE AT ONCE



1080P@60HZ



Figure 5: Example of a triple display setup achieved using the ALOGIC docking station, showing three external monitors connected to a laptop.

5. OPERATING INSTRUCTIONS

Once connected, the docking station operates as a plug-and-play device for most functions. For display output, especially triple displays, ensure the DisplayLink driver is installed and updated.

- **Display Modes:** Configure your display settings (Extend or Mirror mode) through your operating system's display preferences.

- **Power Delivery:** The USB-C PD port will automatically deliver power to your connected laptop if it supports USB-C Power Delivery.
- **Data Transfer:** USB-A 3.0 and Type-C Data ports support high-speed data transfer (5 Gbps), while USB-A 2.0 ports support 480 Mbps.
- **Network Connection:** The RJ45 port provides a stable Gigabit Ethernet connection.

Your browser does not support the video tag.

Video: "Triple Display Mini Dock by ALOGIC". This video demonstrates the key features and connectivity options of the ALOGIC 12-in-1 Mini Docking Station, including its triple display capabilities and various ports.

6. MAINTENANCE

- Keep the docking station in a dry environment, away from direct sunlight and extreme temperatures.
- Clean the device with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- Ensure proper ventilation around the device to prevent overheating, especially during prolonged use with multiple connected peripherals and displays.
- Disconnect the docking station from your laptop and power source when not in use for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display output or flickering screen.	Incorrect display settings, loose cable connection, missing/outdated DisplayLink driver, incompatible display resolution.	Ensure all display cables are securely connected. Verify display input source on your monitor. Install or update the DisplayLink driver from the official website. Adjust display resolution and refresh rate in your operating system settings. Try connecting to a different USB-C port on your laptop. Disconnect and reconnect the docking station from power and laptop.
Network connection is unstable or not working.	Loose Ethernet cable, driver issue, network configuration problem.	Check Ethernet cable connection to both the dock and router/modem. Ensure network drivers are up to date on your laptop. Restart your router/modem and laptop.

Problem	Possible Cause	Solution
Docking station feels warm during use.	Normal operation, heavy load, insufficient ventilation.	Some warmth is normal, especially when charging or driving multiple displays. Ensure the docking station is placed in a well-ventilated area. Avoid covering the device.
USB devices not recognized.	Loose connection, power issue, driver conflict.	Reconnect the USB device. Try a different USB port on the docking station. Ensure the docking station is receiving sufficient power (if applicable). Update USB drivers on your laptop.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	5 x 2.36 x 0.65 inches (12.7 x 5.99 x 1.65 cm)
Item Weight	5.1 ounces (146 grams)
Model Number	DUCDDV3
Color	Space grey and black
Hardware Interface	USB
Compatible Devices	Google Chrome OS, macOS, Windows 7/8/10/11, XP, Vista
Total USB Ports	6 (3x USB-A 2.0, 1x USB-A 3.0, 1x USB-C PD, 1x USB-C Data)
Number of Ports	12
Total HDMI Ports	2
VGA Port	1
Ethernet Port	1x RJ45 (10/100/1000 Mbps)
Card Reader	SD & Micro SD
Wattage	100 watts (Power Delivery)

9. WARRANTY & SUPPORT

ALOGIC provides a **2-year warranty** for this product. For any product issues or support inquiries, please contact ALOGIC customer service through their official channels or the seller account where the product was purchased.

ALOGIC is committed to providing quick responses to customer messages.
For additional support and resources, please visit the official ALOGIC website.



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Related Documents - DUCDDV3

	<p>ALOGIC MX2 USB-C Dual Display Docking Station with 100W Power Delivery - User Manual</p> <p>Explore the features and specifications of the ALOGIC MX2 USB-C Dual Display Docking Station. This guide details its 100W Power Delivery capabilities, connectivity options, and usage for enhanced productivity.</p>
	<p>ALOGIC Thunderbolt 4 BLAZE Docking Station (TB4D3TB) - Specifications and Features</p> <p>Detailed specifications, features, and connectivity information for the ALOGIC Thunderbolt 4 BLAZE Docking Station (Model TB4D3TB), designed to enhance productivity with dual 4K display support and extensive port options.</p>
	<p>ALOGIC MagForce Duo Play 2-in-1 USB-C to HDMI + VGA Adapter 4K HDMI, 1080p VGA, 100W PD</p> <p>The ALOGIC MagForce Duo Play 2-in-1 adapter connects your USB-C device to HDMI and VGA displays. Features 4K@60Hz HDMI, 1080p@60Hz VGA, and 100W Power Delivery for charging.</p>
	<p>ALOGIC DV4 Universal Docking Station: Quad Display with Laptop Charging Pass-Through</p> <p>Comprehensive user manual for the ALOGIC DV4 Universal Docking Station, detailing its features, connectivity options, specifications, and troubleshooting for quad display setups with laptop charging pass-through.</p>
	<p>ALOGIC USB-C 3-in-1 Hub with 100W PD: Specs, Guide, and Troubleshooting</p> <p>Comprehensive guide to the ALOGIC USB-C 3-in-1 Hub, featuring 4K HDMI, USB 3.0 ports, and 100W Power Delivery passthrough. Includes specifications, quick start, and troubleshooting tips.</p>
	<p>ALOGIC Fusion ALPHA USB-C 4-in-1 Hub: User Guide and Setup</p> <p>Learn how to connect and use the ALOGIC Fusion ALPHA USB-C 4-in-1 Hub with your laptop. Includes setup instructions and troubleshooting tips for a seamless portable workstation experience.</p>