

## ALOGIC DV3

# ALOGIC DV3 12-in-1 USB-C Dual Display Mini Dock User Manual

Model: DV3  
Brand: ALOGIC

## 1. INTRODUCTION

The ALOGIC DV3 12-in-1 USB-C Dual Display Mini Dock is a versatile and compact solution designed to expand the connectivity of your laptop or compatible device. This docking station allows you to connect multiple peripherals, external displays, and power your device through a single USB-C or USB-A cable, streamlining your workspace and enhancing productivity. It supports dual HD monitor output, high-speed data transfer, and reliable network connectivity.

## 2. PRODUCT OVERVIEW

The ALOGIC DV3 Mini Dock features a comprehensive array of ports to meet diverse connectivity needs. Familiarize yourself with the various ports and indicators on the device.



**Figure 2.1:** Front view of the ALOGIC DV3 Mini Dock, highlighting the HDMI, SD card, MicroSD card, Gigabit Ethernet, and VGA ports. This side provides essential display and data transfer capabilities.



**Figure 2.2:** Rear view of the ALOGIC DV3 Mini Dock, showcasing the USB-A and USB-C ports. These ports are used for connecting various USB devices and for power delivery to the host laptop.



**Figure 2.3:** Two ALOGIC DV3 Mini Docks displayed side-by-side, demonstrating the compact form factor and the various connection points available on both sides of the device.

## 2.1 Port Layout and Functions

- **USB-C/A Host Connection Cable:** Connects the dock to your laptop or host device.
- **HDMI Port (4K):** Connects to an external display for video and audio output. Supports resolutions up to 4K.
- **VGA Port:** Connects to an external display for video output. Supports resolutions up to Full HD.
- **USB-C Port (100W PD):** For power delivery to the host laptop (up to 100W pass-through charging) and data transfer.
- **USB-A Ports (USB 3.0/3.2 Gen 1):** For connecting USB peripherals such as keyboards, mice, and external drives.
- **Gigabit Ethernet Port:** Provides a stable wired network connection.
- **SD Card Reader:** For reading standard SD memory cards.
- **MicroSD Card Reader:** For reading MicroSD memory cards.

## 3. SETUP INSTRUCTIONS

Follow these steps for the initial setup of your ALOGIC DV3 Mini Dock.

1. **Connect to Power (Optional but Recommended):** If your laptop requires charging via USB-C, connect your laptop's original USB-C power adapter to the USB-C Power Delivery (PD) port on the ALOGIC DV3 dock. This allows pass-through charging up to 100W.
2. **Connect to Host Device:** Plug the integrated USB-C/A host connection cable from the ALOGIC DV3 dock into an available USB-C or USB-A port on your laptop or host device.
3. **Connect External Displays:**
  - For HDMI display: Connect an HDMI cable from your monitor to the HDMI port on the dock.
  - For VGA display: Connect a VGA cable from your monitor to the VGA port on the dock.
  - *Note:* The dock supports dual display output simultaneously via HDMI and VGA.
4. **Connect Peripherals:** Connect your USB devices (e.g., keyboard, mouse, external hard drive) to the available USB-A ports on the dock.
5. **Connect to Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or network switch to the Gigabit Ethernet port on the dock.
6. **Insert Memory Cards (Optional):** Insert your SD or MicroSD cards into the respective card reader slots if needed.
7. **Driver Installation:** The ALOGIC DV3 is designed to be plug-and-play with most modern operating systems (Windows, macOS, Chrome OS). No specific driver installation is typically required. If issues arise, ensure your operating system is up to date.

## 4. OPERATING INSTRUCTIONS

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Once set up, the ALOGIC DV3 Mini Dock operates seamlessly with your connected devices.

### 4.1 Display Configuration

- **Extend or Mirror Displays:** After connecting external monitors, you can configure your display settings through your operating system.
  - **Windows:** Right-click on the desktop, select "Display settings," and choose "Extend these displays" or "Duplicate these displays."
  - **macOS:** Go to System Settings > Displays. You can arrange displays, set resolutions, and choose between "Extend" or "Mirror" modes.
- **Resolution Support:** The HDMI port supports resolutions up to 4K (3840x2160), while the VGA port supports up to Full HD (1920x1080). When using both simultaneously, the resolution may be limited by the capabilities of the connected displays and the host device.

### 4.2 Data Transfer

- **USB Ports:** The USB-A ports support high-speed data transfer for connected peripherals. Ensure your devices are properly connected for optimal performance.
- **Card Readers:** Insert SD or MicroSD cards into the corresponding slots. They will appear as removable drives on your computer, allowing you to transfer files.

### 4.3 Network Connectivity

- **Gigabit Ethernet:** Once an Ethernet cable is connected, your computer should automatically detect the wired network connection. This provides a more stable and faster internet connection compared to Wi-Fi.

### 4.4 Power Delivery

- **USB-C PD Port:** If a USB-C power adapter is connected to the dock's PD port, it will pass power through to your host laptop, charging it while you work. This eliminates the need for a separate laptop power cable.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your ALOGIC DV3 Mini Dock, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the dock. Do not use liquid cleaners, aerosols, or solvents.
- **Storage:** When not in use, store the dock in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble the dock, as this will void the warranty.
- **Cable Management:** Ensure cables are not excessively bent or strained, which can lead to damage over time.

## 6. TROUBLESHOOTING

If you encounter issues with your ALOGIC DV3 Mini Dock, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No display output from HDMI/VGA.	Incorrect display settings, loose cable connection, incompatible resolution, host device driver issue.	Ensure all cables (dock to laptop, dock to monitor) are securely connected.  Check your laptop's display settings to ensure the external monitor is detected and configured correctly (Extend/Duplicate).  Try a different HDMI/VGA cable or monitor if possible.  Update your laptop's graphics drivers.  Restart your laptop and reconnect the dock.
USB devices not recognized.	Loose connection, insufficient power, driver issue.	Ensure the USB device is fully inserted into the dock's USB port.  If it's a high-power device (e.g., external HDD), ensure the dock is connected to a power source via its USB-C PD port.  Try connecting the device to a different USB port on the dock or directly to your laptop.  Update your laptop's USB drivers.
No internet connection via Ethernet.	Loose Ethernet cable, network configuration issue, router problem.	Verify the Ethernet cable is securely connected to both the dock and your router/modem.  Check your computer's network settings to ensure the Ethernet adapter is enabled.  Restart your router/modem.  Try a different Ethernet cable.

Problem	Possible Cause	Solution
Laptop not charging via dock.	Incorrect power adapter, power adapter not connected to dock's PD port, laptop not supporting USB-C PD.	Ensure your laptop's original USB-C power adapter is connected to the USB-C PD port on the dock. Verify your laptop supports charging via USB-C Power Delivery. Check the power output of your adapter; some laptops require higher wattage than the dock can pass through.

## 7. SPECIFICATIONS



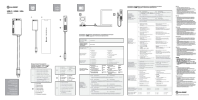
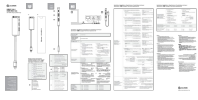


Feature	Detail
Product Name	ALOGIC DV3 12-in-1 USB-C Dual Display Mini Dock
Model Number	DV3
Brand	ALOGIC
Connectivity	USB-C/A Host Connection
Video Output	1 x HDMI (up to 4K), 1 x VGA (up to Full HD)
USB Ports	Multiple USB-A (USB 3.0/3.2 Gen 1), 1 x USB-C (for Power Delivery)
Power Delivery	Up to 100W Pass-through Charging via USB-C PD port
Network	1 x Gigabit Ethernet (RJ45)
Card Readers	SD Card, MicroSD Card
Compatibility	Windows, macOS, Chrome OS
Product Dimensions	1.6 x 1.27 x 6 cm (approx.)
Item Weight	260 g (approx.)
Country of Origin	China

## 8. WARRANTY AND SUPPORT

ALOGIC products are designed for reliability and performance. For information regarding warranty coverage and technical support, please refer to the official ALOGIC website or contact their customer service.

- **Warranty Information:** Details about the product warranty period and terms can typically be found on the ALOGIC official website or within the product packaging.
- **Technical Support:** For technical assistance, troubleshooting beyond this manual, or product inquiries, please visit the ALOGIC support page or contact their customer service team.
- **Online Resources:** [Visit the ALOGIC Store on Amazon](#) for more product information and updates.

Related Documents - DV3

	<p><a href="#">ALOGIC FUSION ALPHA 5-in-1 USB-C Hub: Specifications, Features, and Guide</a></p> <p>Explore the ALOGIC FUSION ALPHA 5-in-1 USB-C Hub. This guide details its HDMI, USB-A, SD/microSD card reader, and USB-C PD capabilities, along with setup, specifications, and troubleshooting tips for enhanced connectivity.</p>
	<p><a href="#">ALOGIC Thunderbolt 4 BLAZE Docking Station (TB4D3TB) - Specifications and Features</a></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><a href="#">ALOGIC MagForce Duo Play 2-in-1 USB-C to HDMI + VGA Adapter   4K HDMI, 1080p VGA, 100W PD</a></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><a href="#">ALOGIC USB-C 3-in-1 Hub with 100W PD: Specs, Guide, and Troubleshooting</a></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><a href="#">ALOGIC DV4 Universal Docking Station: Quad Display with Laptop Charging Pass-Through</a></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><a href="#">ALOGIC Fusion ALPHA USB-C 4-in-1 Hub: User Guide and Setup</a></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>