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ABIWAZY AB026

ABIWAZY 15-in-1 USB C Docking Station User Manual

Model: AB026

1. INTRODUCTION

Thank you for choosing the ABIWAZY 15-in-1 USB C Docking Station. This versatile hub is designed to expand the connectivity of your USB-C enabled laptop, providing multiple ports for display, data transfer, power delivery, and network access. Please read this manual carefully to ensure proper setup and operation.

2. PRODUCT OVERVIEW

The ABIWAZY 15-in-1 USB C Docking Station transforms a single USB-C port into a comprehensive workstation. It features a robust aluminum enclosure and offers a wide array of ports for various peripherals.

15-IN-1

USB-C Docking Station

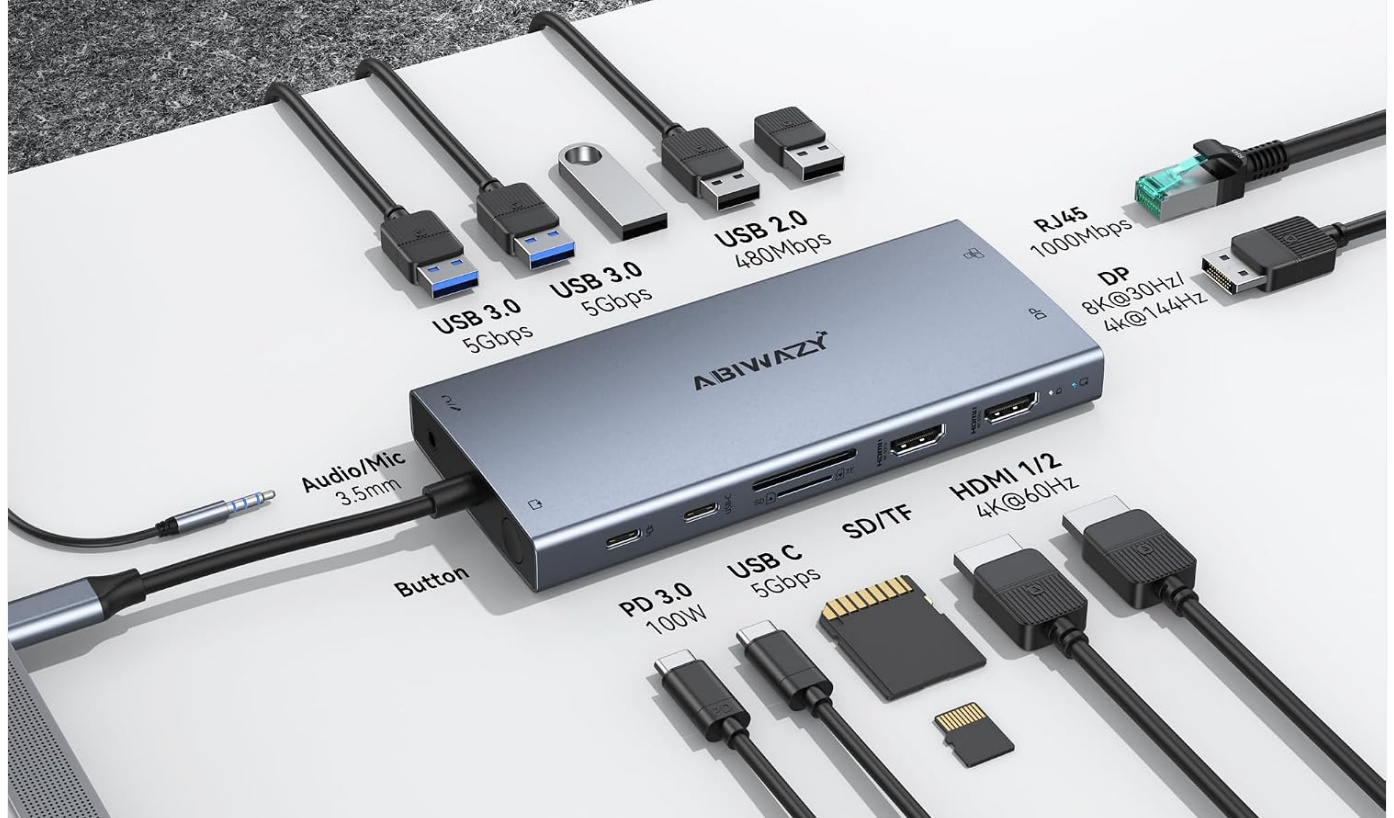
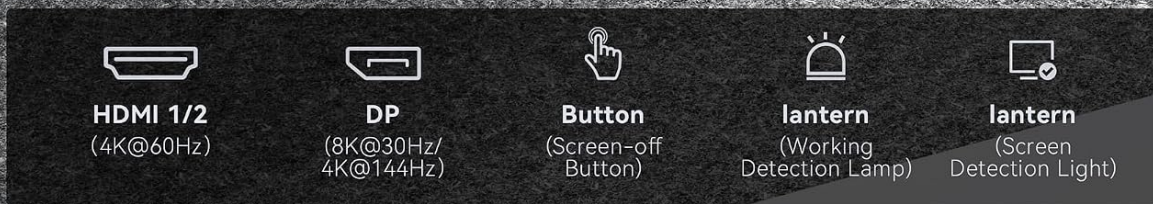


Image: Front and back view of the ABIWAZY 15-in-1 USB C Docking Station, highlighting all available ports and their functions.

Key Features:

- **Display Outputs:** 2x HDMI (up to 4K@60Hz), 1x DisplayPort (up to 8K@30Hz or 4K@144Hz).
- **Power Delivery:** 1x USB-C PD 3.0 (up to 100W input, 87W output to host laptop).
- **Data Ports:** 1x USB-C 3.0 (5Gbps), 2x USB-A 3.0 (5Gbps), 3x USB-A 2.0 (480Mbps).
- **Network:** 1x RJ45 Gigabit Ethernet (1000Mbps).
- **Card Readers:** 1x SD Card Slot, 1x MicroSD Card Slot.
- **Audio:** 1x 3.5mm Audio/Mic Jack.
- **Control:** Screen adjustment button for quick monitor on/off.
- **Indicators:** Smart status lights for compatibility detection.

3. COMPATIBILITY REQUIREMENTS

This docking station requires your laptop's USB-C port to support **Thunderbolt 3, Thunderbolt 4, or a full-featured USB-C port**

with DisplayPort Alternate Mode (DP Alt Mode) and Power Delivery (PD) capabilities. Without these features, display output or power delivery may not function correctly.



Image: Visual guide illustrating compatible (full-function, DP+PD) and incompatible (data-only, charge-only) USB-C ports.

Video: A demonstration on how to self-check your laptop's USB-C port compatibility to ensure it supports video output and power delivery for the docking station.

Compatible Devices (Examples):

- **HP:** Envy x360, Elitebook 630/640/645/650/655 G9, Elitebook 840/850 G6/G7/G8/G9, Elitebook 845/830 G7/G8/G9/G10, EliteBook x360 830 G9/G10, EliteBook x360 1030 G2/G3/G4/G7/G8, EliteBook x360 1040 G5/G6/G7/G8/G9/G10, Elitebook X2, Probook 440 G8/G9, Probook 450/455 G9/G10, Probook 650 G5, ZBook Fury 15/17 G8, OMEN 16/17.
- **Dell:** XPS 13/15/17, Latitude 5540/5440/7340/7440/5340/3520/7280/5310 2-in-1/9330 2in1, New Inspiron 14/16 Plus/13/16, Precision 7730/7750.
- **Lenovo:** ThinkPad X1 Carbon, ThinkPad t14/t480/t490s, Thinkpad Yoga 900/920/720/730/C930/C940/C740/C730.
- **Microsoft:** Surface Pro 9/8/7, Surface Book 2, Surface Go, Surface Laptop 4/3.
- **Other:** Huawei MateBook X/MateBook X Pro, Switch Alpha 12, Chromebook Plus, Google Chromebook Pixel Book, etc.

4. SETUP GUIDE

4.1 Connecting the Docking Station

1. Connect the integrated USB-C cable from the docking station to a compatible USB-C port on your laptop.
2. (Optional) Connect an external power adapter (65W or higher, not included) to the PD 100W USB-C port on the docking station to provide power to your laptop and connected devices.
3. Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station.
4. Connect any USB peripherals (keyboard, mouse, external drives) to the available USB-A or USB-C data ports.
5. Connect an Ethernet cable to the RJ45 port for wired network access.
6. Connect headphones or speakers to the 3.5mm audio jack.
7. Insert SD or MicroSD cards into the respective slots if needed.

4.2 Display Configuration (Windows Laptops with DP1.4)

For Windows laptops with DisplayPort 1.4, the docking station supports triple monitor setups in both Extend Mode and Non-Mirror Mode, as well as dual display Extend Mode.

For Windows Laptop with DP1.4

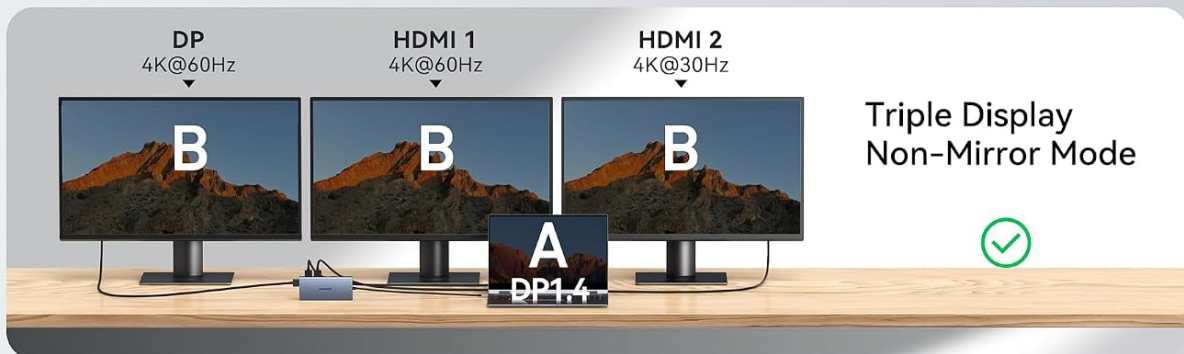
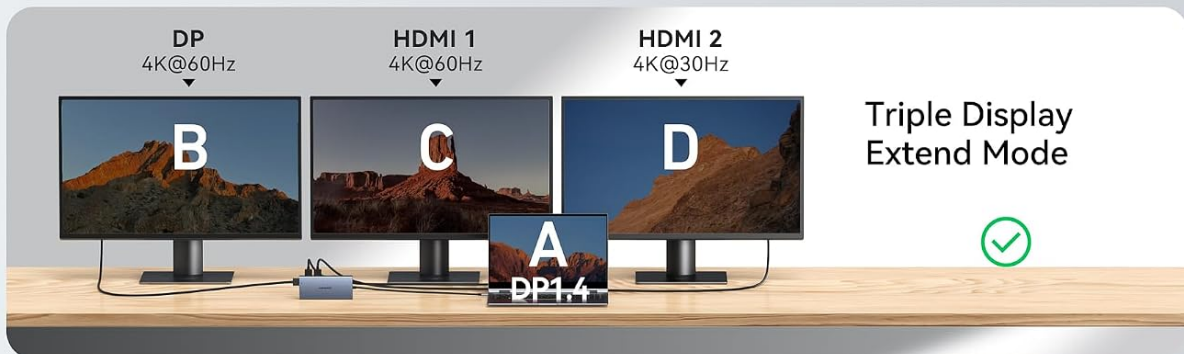


Image: Illustrates various multi-monitor setups for Windows laptops, including extended and non-mirror modes for dual and triple displays.

Video: A step-by-step guide on how to change display settings from Mirror Display to Extend Display on Windows operating systems.

Adjusting Display Settings in Windows:

1. Right-click on your desktop and select 'Display settings'.
2. Under 'Multiple displays', choose your desired display mode (e.g., 'Extend these displays' or 'Duplicate these displays').
3. To adjust resolution or refresh rate for individual monitors, select the monitor (1, 2, or 3) and scroll down to 'Display resolution' and 'Refresh rate'.
4. For advanced settings, click 'Advanced display settings' and then 'Display adapter properties for Display X' to access more options, including 'List All Modes'.

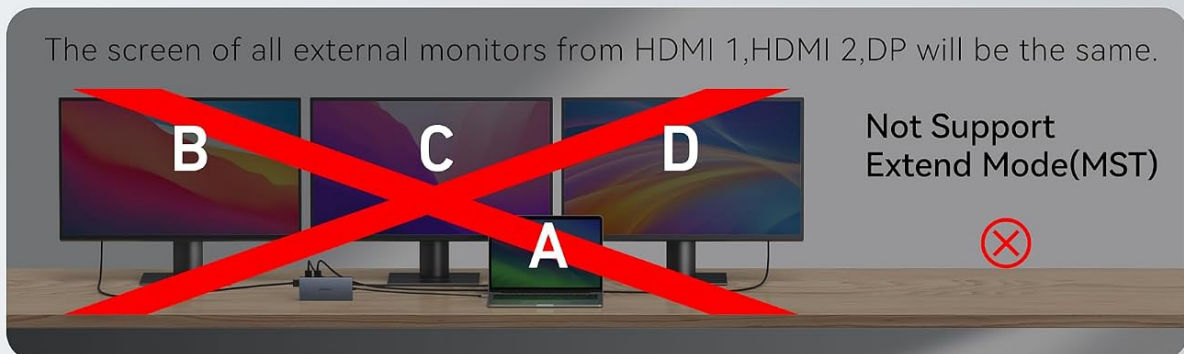
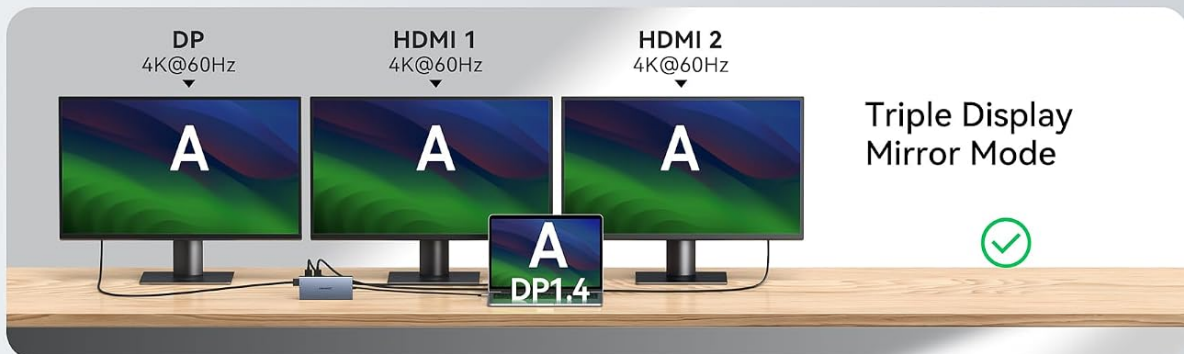
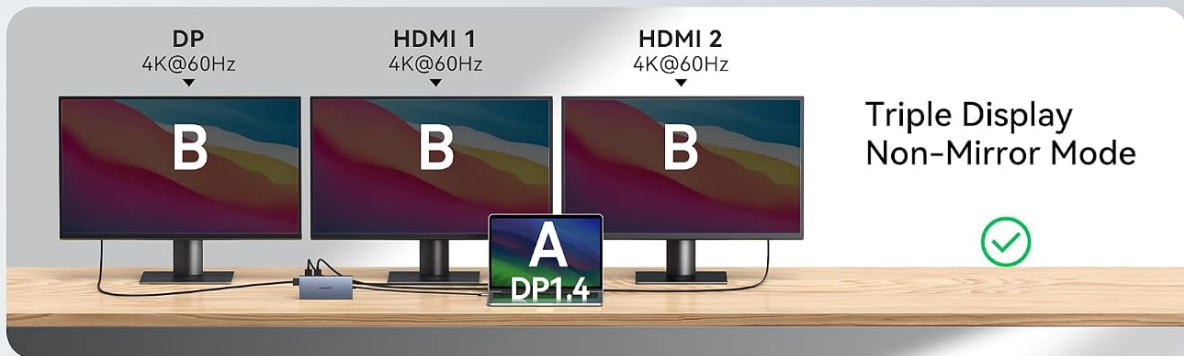
4.3 Display Configuration (macOS Laptops with DP1.4)

For macOS laptops with DisplayPort 1.4, the docking station supports mirroring mode (SST) across multiple external displays. **macOS does not support extended mode (MST) across multiple external monitors.**



For macOS Laptop with DP1.4

Can only extend the same screen to other displays



The screen of all external monitors from HDMI 1,HDMI 2,DP will be the same.

Image: Illustrates multi-monitor setups for macOS laptops, showing supported mirror mode and explicitly stating that extended mode (MST) is not supported.

Video: An official ABIWAZY video demonstrating multi-monitor setup for macOS, including how to configure mirror and extend modes (where supported).

Adjusting Display Settings in macOS:

1. Go to 'System Settings' (or 'System Preferences' on older macOS versions).
2. Click on 'Displays'.
3. You can arrange displays, select resolutions, and choose between 'Mirror Built-in Display' or 'Use as separate display' (Extended Display). Note that for multiple external monitors, macOS will mirror the same content across them.

5. OPERATING INSTRUCTIONS

5.1 Power Delivery (PD 100W)

The docking station supports up to 100W power input via its dedicated USB-C PD port. It can deliver up to 87W to your host

laptop, allowing you to charge your laptop while using the hub. Ensure you use a power adapter of 65W or higher for optimal performance.

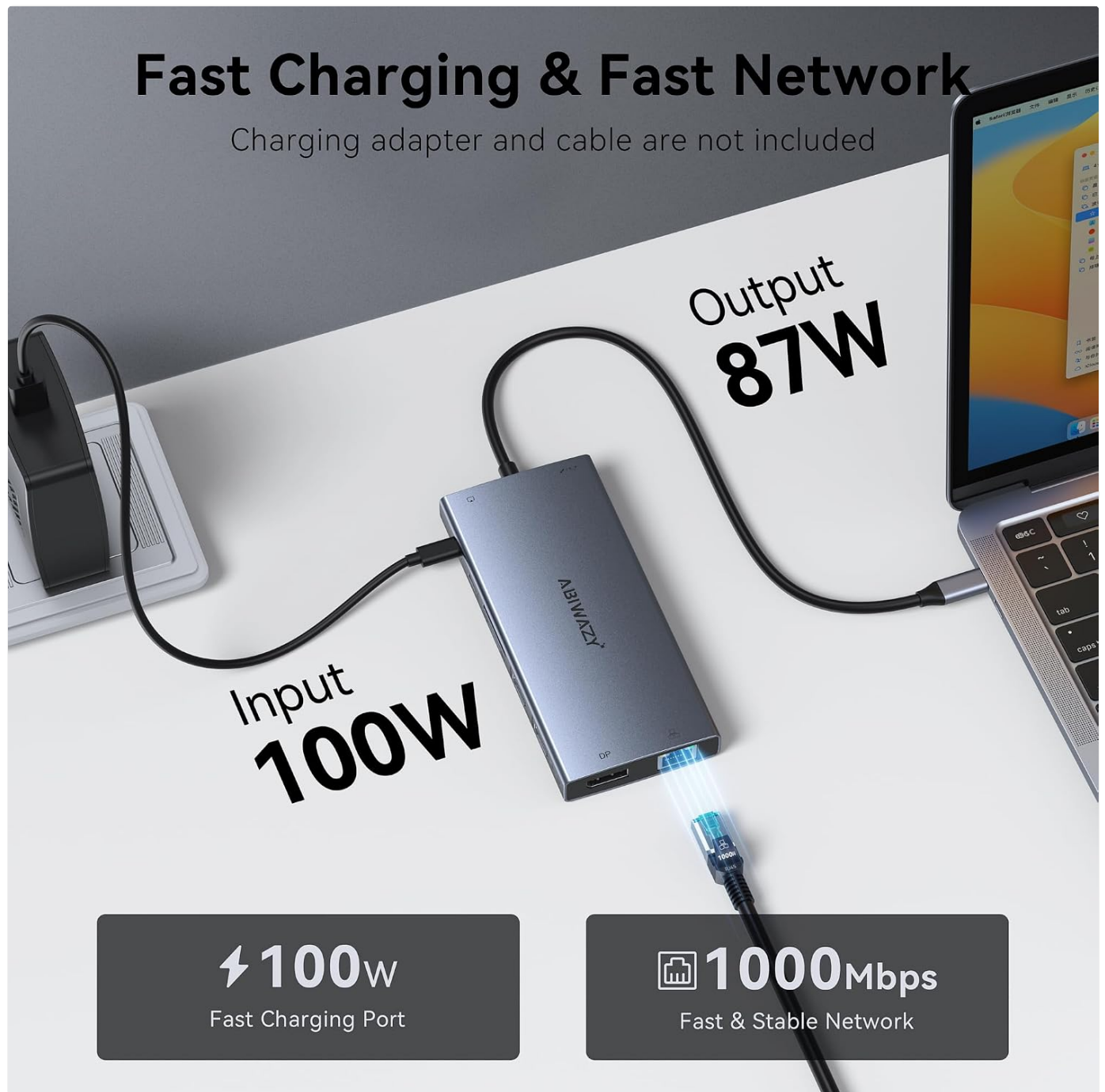


Image: Illustrates the power flow, showing 100W input to the hub and 87W output to the connected laptop for fast charging.

5.2 Super Speed Data Transfer

Utilize the USB-C 3.0 (5Gbps) and USB-A 3.0 (5Gbps) ports for rapid data transfer, ideal for external hard drives and flash drives. The USB-A 2.0 (480Mbps) ports are suitable for connecting peripherals like keyboards, mice, and printers.

USB Ports High Speed Transfer

Data transfer ports don't support charging/media display

5 Gbps

1*USB-C 3.0 Port
2*USB-A 3.0 Ports

480 Mbps

3*USB-A 2.0 Ports



Image: Depicts the docking station connected to a laptop, with multiple USB devices (USB-C, USB-A 3.0, USB-A 2.0) connected for high-speed data transfer.

5.3 SD/MicroSD Card Reader

The integrated SD and MicroSD card slots allow for convenient access to media files from cameras, drones, and other devices. Note that simultaneous use of both SD and MicroSD slots may not be supported on all systems.

5.4 Gigabit Ethernet

Connect to a stable and fast wired network with the RJ45 Gigabit Ethernet port, supporting speeds up to 1000Mbps. This is ideal for online gaming, streaming, and large file transfers.

5.5 3.5mm Audio/Mic Jack

The 3.5mm audio jack provides a convenient connection for headphones, speakers, or microphones, ensuring high-quality audio for calls, music, or gaming.

5.6 Screen Switch Button

The dedicated screen switch button allows you to quickly turn off or wake up your connected monitors, helping to save power and protect your privacy.



Image: Close-up of the screen-off button on the docking station, demonstrating its function to toggle the display of a connected monitor.

6. TROUBLESHOOTING

- **No Display Output:** Ensure your laptop's USB-C port supports DisplayPort Alt Mode. Check all cable connections. Try restarting your laptop. Verify display settings in your operating system.
- **Laptop Not Charging:** Confirm your laptop's USB-C port supports Power Delivery. Ensure you are using a power adapter of at least 65W connected to the PD 100W port on the docking station.
- **USB Devices Not Recognized:** Try connecting the device to a different USB port on the hub. Ensure the docking station is properly powered.
- **Intermittent Connections:** Ensure all cables are securely connected. Avoid using excessively long or low-quality cables.
- **Slow Data Transfer:** Ensure you are using USB 3.0 compatible devices and connecting them to the blue USB-A 3.0 or USB-C 3.0 ports.

- **Network Issues:** Check the Ethernet cable connection. Verify network settings on your laptop.
- **macOS Multi-Monitor Limitation:** Remember that macOS only supports mirroring (SST) across multiple external displays, not extended mode (MST).

7. SPECIFICATIONS

Feature	Specification
Brand	ABIWAZY
Model Number	AB026
Color	15-IN-1 Grey
Hardware Interface	Ethernet, HDMI, MicroSD, USB 2.0, USB 3.0, USB Type C
Special Feature	Fast Charging, Fast Data Transfer, Plug and Play
Total USB Ports	5 (1x USB-C 3.0, 2x USB-A 3.0, 3x USB-A 2.0)
Data Transfer Rate	5 Gigabits Per Second (USB 3.0)
Number of Ports	15
Operating System Compatibility	Chrome OS, Mac OS 8, Mac OS 9, Windows 10, Windows 7
Enclosure Material	Aluminum
Item Dimensions L x W x H	3.94"L x 1.57"W x 0.59"H
Item Weight	80 Grams

8. WARRANTY AND SUPPORT

The ABIWAZY 15-in-1 USB C Docking Station comes with a **2-Year Manufacturer Warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact ABIWAZY customer service through the retailer where you purchased the product or visit the official ABIWAZY website.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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