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› FALWEDI USB C Laptop Docking Station 15-in-1 Instruction Manual

FALWEDI B0B97JBTQ8

FALWEDI USB C Laptop Docking Station 15-in-1 Instruction Manual

Model: B0B97JBTQ8

INTRODUCTION

This manual provides detailed instructions for setting up and operating your FALWEDI 15-in-1 USB C Laptop Docking Station. This versatile docking station expands your laptop's connectivity, offering multiple ports for displays, peripherals, and network access, all through a single USB-C connection.

15 IN 1 Hyperscale Docking Station

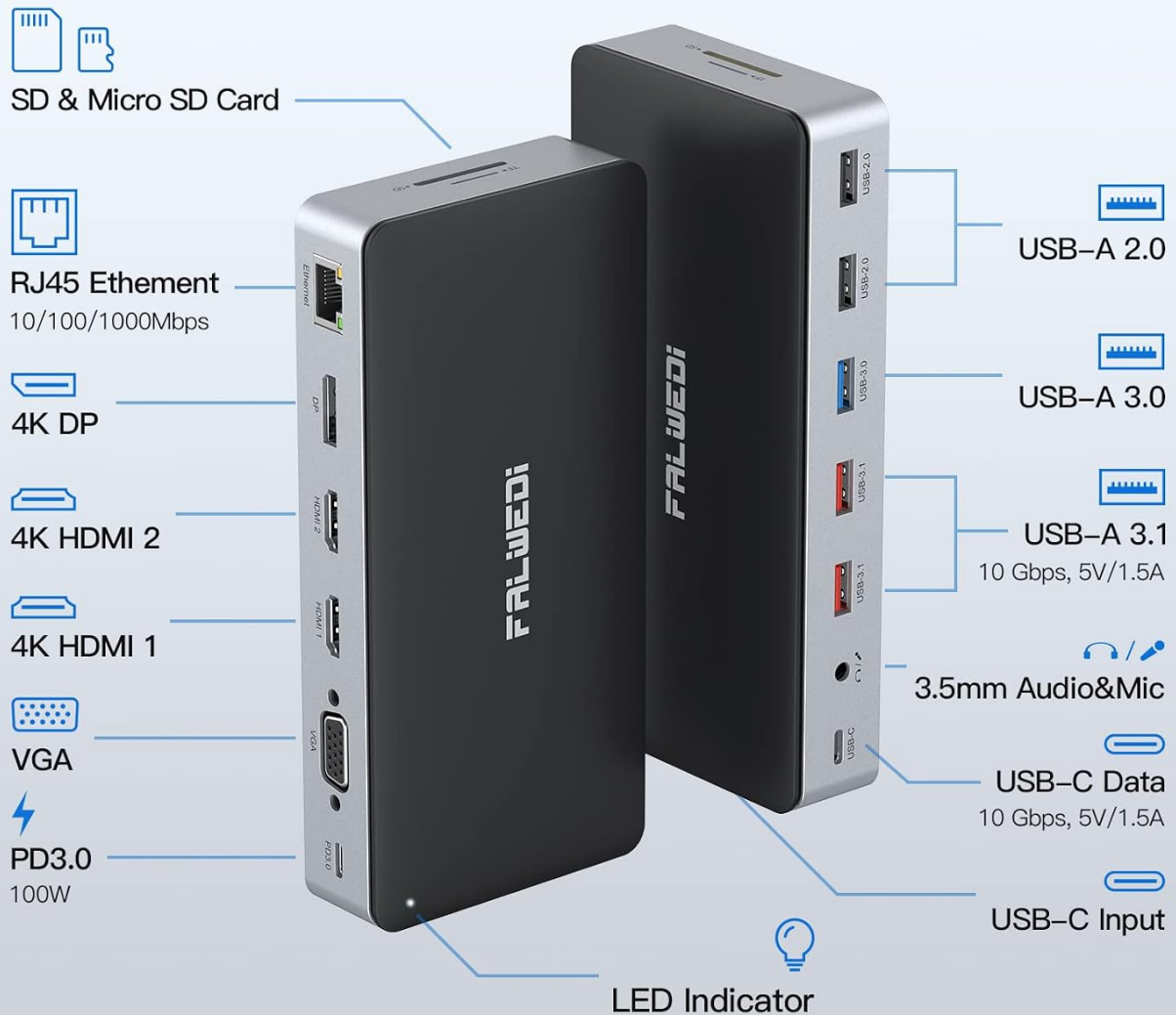


Image: The FALWEDI 15-in-1 USB C Laptop Docking Station, showcasing its compact design and multiple ports.

PRODUCT FEATURES

- **15-in-1 Multi-Type Port Collaboration:** Expands one Type-C port to 15 multi-purpose ports, including 3 USB-C (Host, PD3.0, data), 1 Ethernet, 1 DP, 2 HDMI, 1 VGA, 5 USB-A (2 USB3.1, 1 USB3.0, 2 USB2.0), 1 x 3.5mm audio/microphone, and 1 SD/TF card reader.
- **High-Performance Gigabit Ethernet:** Provides a transmission rate of up to 1000Mbps, compatible with 10/100 Ethernet standards for reliable network connectivity.
- **10Gbps Lightning Fast Transmission:** Features USB-A 3.1 and USB-C ports with up to 10Gbps transfer rates. SD/TF card ports can read simultaneously.
- **Ultra 4K HD Multi-Screen Display:** Supports 4 video output ports (1 VGA, 2 HDMI, 1 DP) for high-definition video experience.
- **Super Compatibility:** Designed with a Type-C Host port compatible with MacBooks, SAMSUNG, AOC, Dell, LG, HP, Lenovo, and other devices supporting full-featured Type-C ports.

PRODUCT OVERVIEW

The FALWEDI 15-in-1 docking station is designed for maximum connectivity and ease of use. Below is a visual representation of its various ports and indicators.



Image: Detailed diagram illustrating all 15 ports of the FALWEDI docking station, including USB-C, Ethernet, DP, HDMI, VGA, USB-A, audio, and SD/TF card slots, along with an LED indicator.

- **USB-C Input (Host):** Connects to your laptop's USB-C port.
- **USB-C PD3.0 (100W):** For connecting your laptop's power adapter to charge the laptop and power the dock.
- **USB-C Data (10 Gbps):** For high-speed data transfer.
- **USB-A 3.1 (10 Gbps):** Two ports for high-speed USB devices.
- **USB-A 3.0 (5 Gbps):** One port for standard USB devices.
- **USB-A 2.0:** Two ports for connecting peripherals like keyboards and mice.
- **4K DP:** DisplayPort output for connecting an external monitor.
- **4K HDMI 1 & 2:** HDMI outputs for connecting external monitors.
- **VGA:** VGA output for connecting an external monitor.
- **RJ45 Ethernet (10/100/1000Mbps):** For wired network connection.
- **SD & Micro SD Card:** Slots for reading SD and Micro SD memory cards simultaneously.
- **3.5mm Audio & Mic:** Combined port for headphones or microphone.
- **LED Indicator:** Shows the power status of the docking station.

SETUP GUIDE

1. **Connect the Dock to Your Laptop:** Use the integrated USB-C cable from the docking station to connect to a full-featured USB-C port on your laptop.
2. **Power the Dock and Laptop:** Connect your laptop's original charger to the PD3.0 USB-C port on the docking station. This ensures stable power for all connected devices and charges your laptop.
3. **Connect External Monitors:** Connect your monitors to the HDMI, DisplayPort (DP), or VGA ports on the docking station using appropriate cables. Refer to the 'Operating Instructions' section for display configurations.
4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external hard drives, etc.) into the available USB-A and USB-C data ports.

5. **Connect to Network:** For a stable wired internet connection, plug an Ethernet cable into the RJ45 port.
6. **Insert Memory Cards:** If needed, insert SD or Micro SD cards into their respective slots for data transfer.
7. **Connect Audio Devices:** Plug in headphones or a microphone into the 3.5mm audio/microphone port.

OPERATING INSTRUCTIONS

The FALWEDI docking station supports various display modes and is optimized for different operating systems.

Display Modes

The docking station supports both Mirror and Extend modes for external displays. The behavior may vary based on your operating system and graphics card.

 **ATTENTION**

 Check the type of laptop USB-C port.

✓ Full Function		✗ Only Data Transfer	
✓ Data Video Output		✗ Only Charging	
✓ Data+Displayport Alt		✗ Only Data Transfer	
		✗ M1 CHIP	

Make Sure The USB C Port on Your Laptop is Compatible With Product

Image: Illustration of Mirror Mode (all screens display same content) and Extend Mode (screens display different content) for both Windows and Mac OS.

- **Windows OS:** For Windows, only systems with NVIDIA & AMD Graphics Cards can display 5 screens simultaneously (including the laptop's display). If using an Intel graphics card, one of the external screens may remain black in Extend Mode.
- **Mac OS:** Mac OS does not support Extended Mode for multiple external displays. You can only achieve 2 different contents between your laptop and the entire video outputs (all external monitors will mirror each other).

Resolution Guide

The final resolution of HDMI output depends on your host device. For Windows, only NVIDIA & AMD graphics cards can output 4K@60Hz, while Intel graphics cards can output 4K@30Hz. For detailed resolution parameters based on your setup, please refer to the product guides and documents on the listing page.

INCOMPATIBILITY

- ✗ Macbook Air(before 2018)/ MacBook Pro 2015/ iMac 2021
- ✗ Asus Vivobook series/ Q547/ Q503U/ Q526F/ L203MA TUF 17.3 Gaming Laptop
- ✗ Asus Zenbook: UX333FN/ UX330UA-AH55/ Flip 14 UX463FL Flip 14 UX461FN-DH74T/ Q407I
- ✗ Acer Aspire: E5-575/ R5-571T/ E5-576G/ R15/ G3-571 Predator Helios 300/ Swift X 14
- ✗ MSI: GI65/ GF63/ GF65 THIN 9SD-252/ GERVR 7RF Apache Pro GS73VR 7RG Stealth Pro/ GE73 Raider RGB 8RF
- ✗ Microsoft: Surface Pro 3/ Surface Pro 4/ Surface Pro 6/ book 3
- ✗ HP Spectre: X360 13/ 14/ 15T
- ✗ HP Elitebook: 840 G3/ 840 G4/ 820 G4/ 745 G6/ 800 G2 Probook 600/ 640/ 650 G2/ Folio 1020 B&O
- ✗ HP: Earlier Pavilion series/ 340S G7/ Envy 15/ EVGA SC15/ 7265NGW
- ✗ Dell Inspiron: 17-5000 series/ 15-5000 series/ 14-5410 15-3000/ 15-3583/ 17-3793 Business
- ✗ Dell Latitude: E7270/ E7470/ E7440/ E7450/ 3520
- ✗ Lenovo: V330/ T570/ Y520/ Yoga 520/ Yoga 710
- ✗ Lenovo ThinkPad: I490/ E580
- ✗ Lenovo IdeaPad: 3/ 5/ 330/ L340/ S340/ 130S/ Flex-15IWL Flex-14"/ Flex-6 14IKB
- ✗ Other: High-power equipment/ USB Super Drive/ CD/ DVD player

Not a full list



Image: Visual representation of achieving up to 4K@60Hz display resolution with the docking station.

COMPATIBILITY

This docking station is designed for broad compatibility, but performance is determined by your device's Type-C port capabilities.

Important Compatibility Check



Mac OS



Not Support Different Screen of Multi Monitors (A/ BCDE, A/ BCD, A/ BC)

Under partial connection (No VGA), the highest resolution of all monitors can reach 4K@30Hz. But all will be limited by the resolution of your display.



Windows



DP1.4 and AMD Processor Laptop

Note: Only one monitor's resolution will be up to 4K@30Hz while another be 1080P under MST mode without connecting VGA port
All monitor's resolution will be 1920X1080P@60Hz if VGA work simultaneously

 You can find the product guides and documents on the listing page to check more detail resolution parameters.

Image: Guide illustrating different types of USB-C ports and their functionalities (Full Function, Data Video Output, Data+Displayport Alt, Data Transfer Only, Charging Only, M1 Chip incompatibility).

Ensure your laptop's USB-C port is a full-featured Type-C port that supports data transfer, video output (DisplayPort Alt Mode), and power delivery for optimal functionality.

Compatible Devices

- **Operating Systems:** Windows, Mac OS X 10.6 or later, Chrome OS, Linux 2.6.14 or later.
- **Laptops/Smartphones:** MacBooks (2016-2021), MacBook Air/Mac mini (2018-2020), iMac (2020), iPad/Pro (2018-Newest), SAMSUNG, AOC, Dell (Latitude, XPS, Precision, Inspiron), LG, HP (Spectre, Elitebook, Envy, Zbook), Lenovo (Yoga, ThinkPad, IdeaPad), Asus (Zenbook, Rog), Huawei (MateBook), Acer (Aspire, Swift, Spin, Predator), Google Chromebook, Microsoft Surface (Book 2, Go, Laptop, Pro).

Incompatibility

The following devices or conditions may experience limited or no functionality:

- MacBook Air (before 2018), MacBook Pro (2015), iMac (2021).
- ASUS Vivobook series (Q547, Q503U, Q526F, L203MA), TUF 17.3 Gaming Laptop.
- ASUS Zenbook (UX333FN, UX330UA-AH55, Flip 14 UX463FL, Flip 14 UX461FN-DH74T, Q407I).
- Acer Aspire (E5-575, R5-571T, E5-576G, R15, G3-571), Predator Helios 300, Swift X 14.
- MSI (GI65, GF63, GF65 THIN 9SD-252, GERVR 7RF Apache Pro, GS73VR 7RG Stealth Pro, GE73 Raider RGB 8RF).
- Microsoft Surface Pro 3, Surface Pro 4, Surface Pro 6, Book 3.
- HP Spectre (X360 13, 14, 15T), Elitebook (840 G3, 840 G4, 820 G4, 745 C6, 800 G2), Probook (600, 640, 650 G2), Folio 1020 B&O.
- HP: Earlier Pavilion series, 340S C7, Envy 15, EVGA SC15, 7265NGW.
- Dell Inspiron (17-5000 series, 15-5000 series, 14-5410, 15-3000, 15-3583, 17-3793 Business).
- Dell Latitude (E7270, E7470, E7440, E7450, 3520).
- Lenovo (V330, T570, Y520), Yoga (520, 710), ThinkPad (L490, E580), IdeaPad (3, 5, 330, L340, S340, 130S), Flex-15IWL, Flex-14, Flex-6 14IKB.
- Other: High-power equipment/USB Super Drive/CD/DVD player.

TROUBLESHOOTING

If you encounter issues with your FALWEDI docking station, please refer to the following tips:

- **Power Supply:** Always connect your laptop's original charger to the dock's PD3.0 port to ensure all ports function properly and the laptop receives adequate power.
- **Monitor Flicker/No Display:**
 - a. Ensure all connections (USB-C host cable, HDMI/DP/VGA cables) are secure.
 - b. Verify your monitor supports the desired resolution and refresh rate.
 - c. Confirm your video source is 4K compatible if attempting 4K output.
 - d. Make sure your computer's graphics card supports the desired display configuration (e.g., NVIDIA/AMD for 4K@60Hz on Windows).
- **Limited Ports on Laptop:** If your laptop has only two USB-C ports, this docking station provides a comprehensive solution by expanding connectivity.
- **Logitech Bluetooth Products:** This product is not compatible with Logitech Bluetooth wireless products. Using them together may cause Bluetooth signal interference, leading to cursor delay or flicker.
- **M1 Chip Compatibility:** For the unstable performance of the latest 2020 Mac processor M1 chip, the video output may fail to display properly in parts of the devices.
- **Using Other Converters:** We do not recommend using any converter to connect the computer or an external monitor to the dock, as it can affect compatibility and functionality.

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Video: A detailed overview of the FALWEDI USB-C Laptop Docking Station, highlighting its 15-in-1 features and connectivity options.

Your browser does not support the video tag. Please update your browser to view this content.

Video: Demonstration of the FALWEDI 15-in-1 Dock with 4K Triple Display Multiport Adapter and 3 Monitors, showcasing its capabilities.

SPECIFICATIONS

Feature	Detail
Product Dimensions	6.5 x 3.07 x 1.04 inches
Item Weight	12 ounces
Brand	FALWEDI
Color	Grey
Hardware Interface	HDMI, USB Type C
Compatible Devices	Headphones, Laptops, Monitors
Total USB Ports	15
Manufacturer	FALWEDI
Date First Available	August 10, 2022

WARRANTY AND SUPPORT

FALWEDI offers a three-year warranty for this product. To register your product and for technical support, please refer to the contact information provided in the product packaging or on the official FALWEDI website. For any questions or operational problems, feel free to chat with us.

