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> [DockCase Visual Smart USB C Hub \(7-in-1\) Instruction Manual](#)

DockCase B09DYTPLHT

DockCase Visual Smart USB C Hub (7-in-1) Instruction Manual

Brand: DockCase | Model: B09DYTPLHT

1. INTRODUCTION AND OVERVIEW

The DockCase Visual Smart USB C Hub (7-in-1) is designed to expand the connectivity of your USB-C enabled devices. It features an HD display screen that provides real-time data and allows for human-machine interaction, maximizing productivity.

This hub offers massive expansion with an HDMI 2.0 port, TF & SD card connectivity, three USB-A 5Gbps data ports, and high-velocity pass-through charging with 100W Power Delivery. Its detachable design allows for flexible cable length to suit various usage scenarios.

Experience high-speed data transfer and high-definition display. The three USB-A 3.0 data ports support speeds up to 5 Gbps, while the HDMI port supports media display at resolutions up to 4K@60Hz.

The hub incorporates smart heat dissipation with a built-in CH579M chip, displaying real-time chip temperature. Its uni-body aluminum alloy shell ensures efficient heat dissipation for stable operation.

SEVEN - IN - ONE

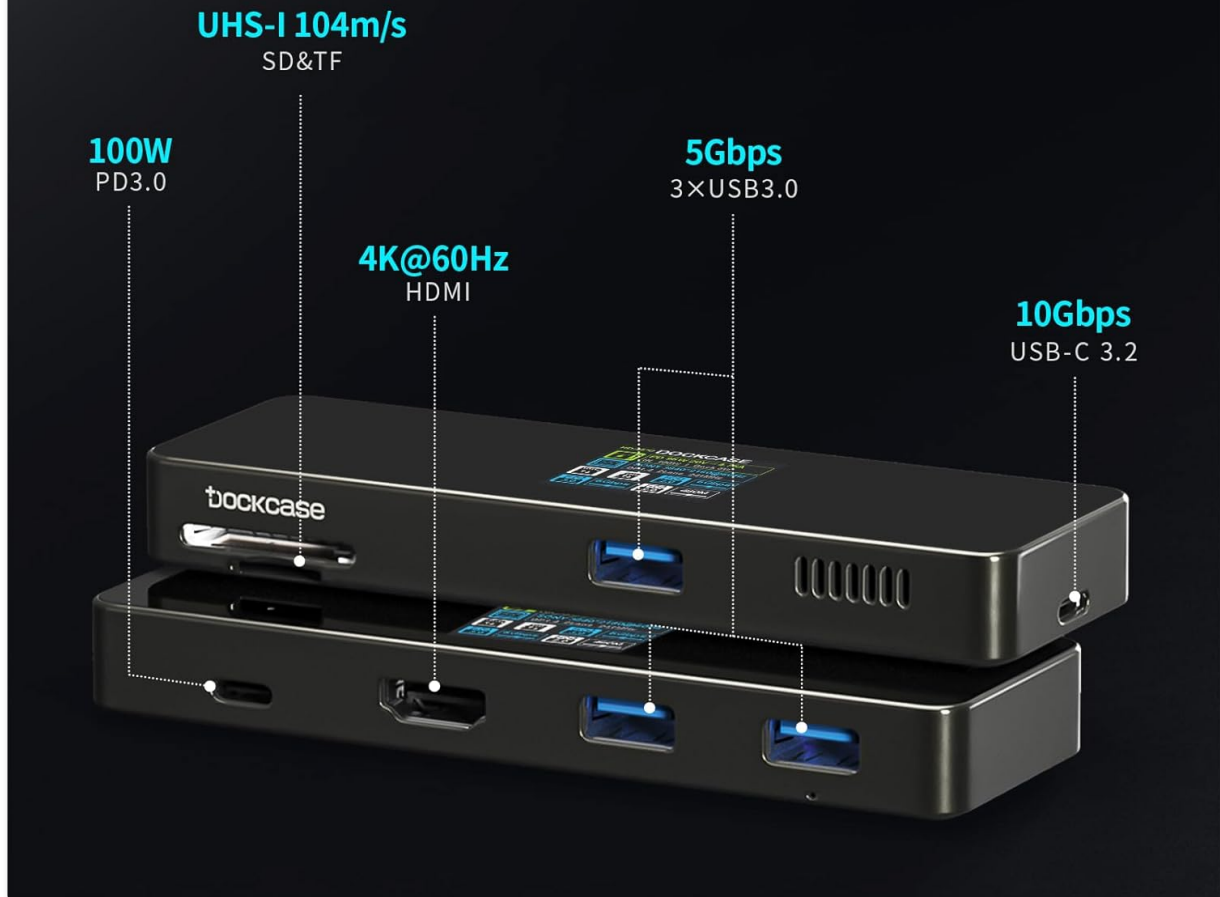


Image: The DockCase 7-in-1 hub highlighting its various ports including 100W PD3.0, 4K@60Hz HDMI, 5Gbps USB3.0, and UHS-I 104MB/s SD/TF card reader.

2. SETUP INSTRUCTIONS

To set up your DockCase Visual Smart USB C Hub, follow these steps:

- 1. Connect the Hub to your Device:** Use the provided 0.98ft USB-C 10Gbps data cable to connect the hub's host port to a full-featured USB-C port on your mobile phone, tablet, or laptop. Ensure your device's USB-C port supports data, video output (DisplayPort Alt Mode), and power delivery for full functionality.
- 2. Power Connection (Optional):** If your device requires charging or if you are connecting power-intensive peripherals, connect a 100W Power Delivery (PD) charger to the hub's PD input port. The hub supports pass-through charging to your host device.
- 3. Connect Peripherals:** Plug your desired peripherals (HDMI monitor, USB drives, SD/TF cards, mouse, keyboard, etc.) into the corresponding ports on the hub.



Detachable Design

Detachable cables are convenient for you to change cables in different usage scenarios.

Image: The DockCase hub demonstrating its detachable cable design, shown connected to a laptop and a smartphone.

Video: This video demonstrates the setup process of the DockCase 7-in-1 Visual Smart USB C Hub, showing how to connect it to a laptop and various peripherals like USB drives, SD/TF cards, and an HDMI display.

3. OPERATING INSTRUCTIONS

Smart Display Functionality

The integrated HD display provides real-time information about connected devices and the hub's status. This includes:

- **Interface Speed:** Displays USB 3.0 (5Gbps) and USB 2.0 (480Mbps) speeds.
- **Charging Power:** Shows PD charging voltage, current, and power (e.g., 95W, 20V, 4.75A).
- **Monitor and Peripheral Info:** Details about connected displays (e.g., SONY 3840x2160 60Hz) and other peripherals.
- **Real Chip Temperature:** Monitors the internal temperature of SD, HD, and USB components.

4K@60Hz Ultra HD Output



Image: The DockCase hub's smart display showing detailed information about connected devices, including interface speeds, charging power, monitor details, and chip temperatures.

Port Functions

- **HDMI 2.0 Port:** Supports video output up to 4K@60Hz. Can be used for Extend Mode (multi-monitor operation) or Mirror Mode (visual enjoyment).
- **USB-A 3.0 Data Ports (x3):** Provide data transfer speeds up to 5 Gbps for connecting external hard drives, USB flash drives, mice, keyboards, and other USB devices.
- **SD/TF Card Reader:** Supports UHS-I 104MB/s for simultaneous reading of SD and TF cards.
- **100W PD Power Delivery Port:** For pass-through charging of your host device. Supports up to 100W input (75-95W output to host device).

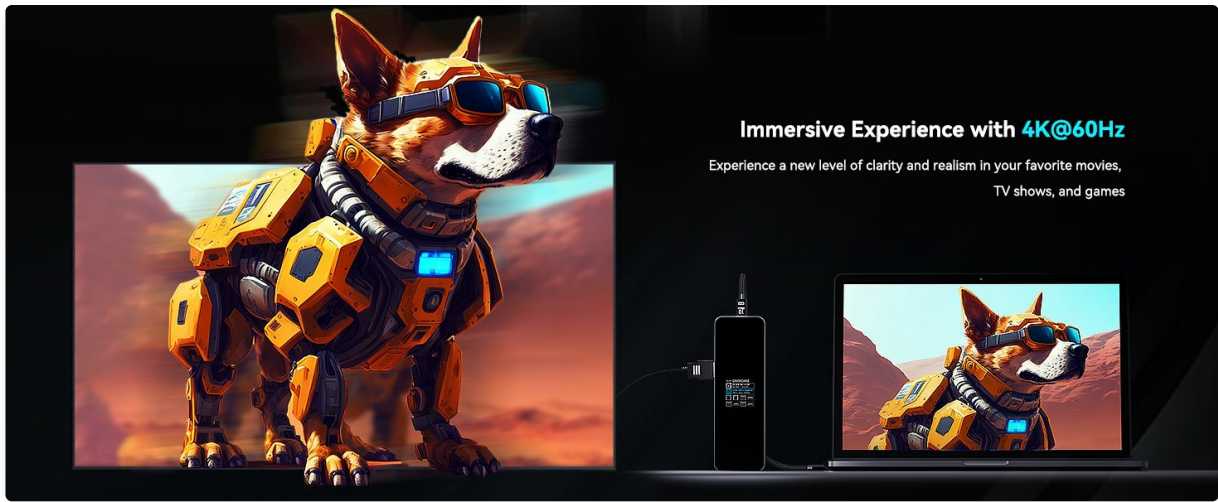


Image: A laptop connected to an external monitor through the DockCase hub, illustrating 4K@60Hz Ultra HD output in both Extend and Mirror modes.



Image: The DockCase hub connected to a laptop, demonstrating 100W PD 3.0 pass-through charging, with input at 100W and output to the laptop at 75-95W.

Screen Rotation and Control

The display supports 90-degree rotation for a better visual effect. You can navigate the hub's display options using the control buttons:

- **Double Click:** Rotates the display.
- **Long Press:** Hold until the title of another function page is displayed at the bottom of the screen, then release to enter that page.
- **Short Press:** Switches control options within a function page.
- **Long Press (3s):** Confirms the use of a control option (progress bar will appear).

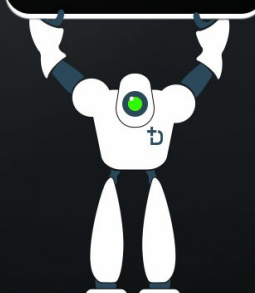
Support rotating the screen

90° rotate the screen for a better visual effect



Image: Three DockCase hubs displayed in different orientations, illustrating the 90-degree screen rotation feature for optimal viewing.

List of compatible devices (for reference only)



| Apple | Dell | Other |
|---|---|-----------------------------------|
| MacBook (12-inch, 2015–2017 models) | XPS 13 9305/9310 | Steam Deck |
| MacBook Air (2018–2022 models) | XPS 15 9510/9520 | Nintendo Switch (2017/2019 model) |
| MacBook Pro (13-inch, 2016–2022 models) | XPS 17 9710/9720 | ... |
| MacBook Pro (14-inch, 2021) | | |
| MacBook Pro (15-inch, 2016–2019 models) | Lenovo | |
| MacBook Pro (16-inch, 2019–2021 models) | Yoga 14s (2021, AMD/intel version) | |
| iPad Pro (11/12.9-inch, 2018–2022 models) | ThinkPad X1 Carbon Gen 9 | |
| iPad Air (4th/5th generation) | Xiaoxin Pad Pro (11.5 inches, 2021 model) | |
| iPad mini (6th generation) | Xiaoxin Pad Pro (12.6 inches, 2021 model) | |
| iPad 10th generation | | |
| iMac (2017–2021 models) | Samsung | |
| iMac Pro 2017 | Galaxy S9/10/20/21/22 | |
| Mac Studio 2022 | (Snapdragon processor version) | |
| Mac mini (2018–2023 models) | | |
| Mac Pro 2019 | | |

Image: A detailed view of the DockCase hub's display, showing the main page with connected device information and a function page with navigation options for settings.

Video: This video demonstrates the various functions of the DockCase 7-in-1 Visual Smart USB-C Hub, including connecting peripherals, displaying real-time data, and utilizing its charging capabilities.

4. COMPATIBILITY

The DockCase Visual Smart USB C Hub is compatible with a wide range of devices that feature a full-featured USB-C port. A full-featured USB-C port supports Power Delivery (PD) charging, DisplayPort Alt Mode for video output, and USB data transmission.

Compatible Devices (Reference Only):

- **Apple:** MacBook (12-inch, 2015-2017 models), MacBook Air (2018-2022 models), MacBook Pro (13-inch, 2016-2022 models), MacBook Pro (14-inch, 2021), MacBook Pro (15-inch, 2016-2019 models), MacBook Pro (16-inch, 2019-2021 models), iPad Pro (11/12.9-inch, 2018-2022 models), iPad Air (4th/5th generation), iPad Mini (6th generation), iPad 10th generation, iMac (2017-2021 models), iMac Pro, Mac Studio 2022, Mac mini (2018-2023 models), Mac Pro 2019.
- **Dell:** XPS 13 9305/9310, XPS 15 9510/9520, XPS 17 9710/9720.
- **Lenovo:** Yoga 14s (2021, AMD/Intel version), ThinkPad X1 Carbon Gen 9, Xiaoxin Pad Pro (11.5 inch, 2021 model), Xiaoxin Pad Pro (12.6 inch, 2021 model).
- **Samsung:** Galaxy S9/10/20/21/22 (Snapdragon processor version).
- **Other:** Steam Deck, Nintendo Switch (2017/2019 model).



Image: A visual list of compatible devices for the DockCase hub, including various Apple, Dell, Lenovo, and Samsung models, as well as Steam Deck and Nintendo Switch.

Incompatible Devices:

- iPhone
- Nintendo Switch OLED/Lite Version
- Dell Alienware/G Series Laptop
- Microsoft All Surface Product

If your device is not listed, please feel free to contact customer service for further assistance.



Image: A visual list of devices incompatible with the DockCase hub, including iPhone, Nintendo Switch OLED/Lite, Dell Alienware/G Series Laptops, and Microsoft Surface products.

5. SPECIFICATIONS

| Feature | Value |
|----------------------|---|
| Package Dimensions | 6.73 x 2.83 x 1.65 inches |
| Item Weight | 7 ounces |
| ASIN | B09DYTPLHT |
| Date First Available | August 30, 2021 |
| Manufacturer | TMD Touch |
| Brand | DockCase |
| Color | Gery |
| Hardware Interface | HDMI, MicroSD, USB 3.0, USB Type C |
| Special Feature | Fast Charging, Fast Data Transfer, Pass Through Charge, Plug and Play, Portable |
| Compatible Devices | Desktops, Laptops |

6. TROUBLESHOOTING

If you encounter issues with your DockCase Visual Smart USB C Hub, consider the following:

- **Display or Charging Issues:** Ensure your host device's USB-C port is full-featured. A full-featured USB-C port supports Power Delivery (PD) charging, DisplayPort Alt Mode for video output, and USB data transmission. If your port only supports data transfer or charging, certain hub functions may not work. Look for a lightning bolt symbol next to your USB-C port for Thunderbolt 3/4 support, indicating full functionality.
- **Desktop Computer Compatibility:** Desktop computers are generally not recommended for use with this hub for expanding the screen and PD fast charging. USB data transmission may also be affected. This is due to the nature of desktop USB-C ports, which may not be full-featured, and cannot be resolved by modifying hub settings or firmware updates.
- **Connection Stability:** Ensure all cables are securely connected. Loose connections can lead to intermittent functionality.
- **Power Requirements:** If connecting multiple power-intensive devices (e.g., external hard drives, high-resolution monitors), ensure a 100W PD charger is connected to the hub's PD input port to provide sufficient power.

Video: This video provides important user notices for the DockCase USB-C Hub, explaining how to identify full-functioned USB-C ports on laptops and why desktop computers may not be fully compatible for certain features.

7. MAINTENANCE

To ensure the longevity and optimal performance of your DockCase Visual Smart USB C Hub, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the hub's exterior. Avoid using liquid cleaners or aerosols, as they may damage the device.
- **Storage:** Store the hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the hub or subjecting it to strong impacts. The aluminum alloy shell is durable but can be damaged by excessive force.
- **Heat Dissipation:** The hub is designed with smart heat dissipation. Ensure adequate airflow around the device during operation to prevent overheating. Do not cover the ventilation holes.
- **Cable Care:** The detachable cable is designed for convenience. Handle it gently and avoid sharp bends or excessive pulling to prevent damage.

8. WARRANTY AND SUPPORT

Your DockCase USB-C Smart Visual Hub comes with a **12-month warranty**. We are committed to providing high-quality products and friendly customer service.

For any inquiries, technical support, or warranty claims, please contact our customer service team:

Customer Service 24/7: amazon@dockcase.com

We value your feedback and are dedicated to ensuring your satisfaction with our products.