

ZMUIPNG ZM18219

ZMUIPNG USB C Docking Station User Manual

Brand: ZMUIPNG | Model: ZM18219

1. INTRODUCTION

Thank you for choosing the ZMUIPNG 12-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, networking, and power delivery. Please read this manual carefully to ensure proper setup and operation.

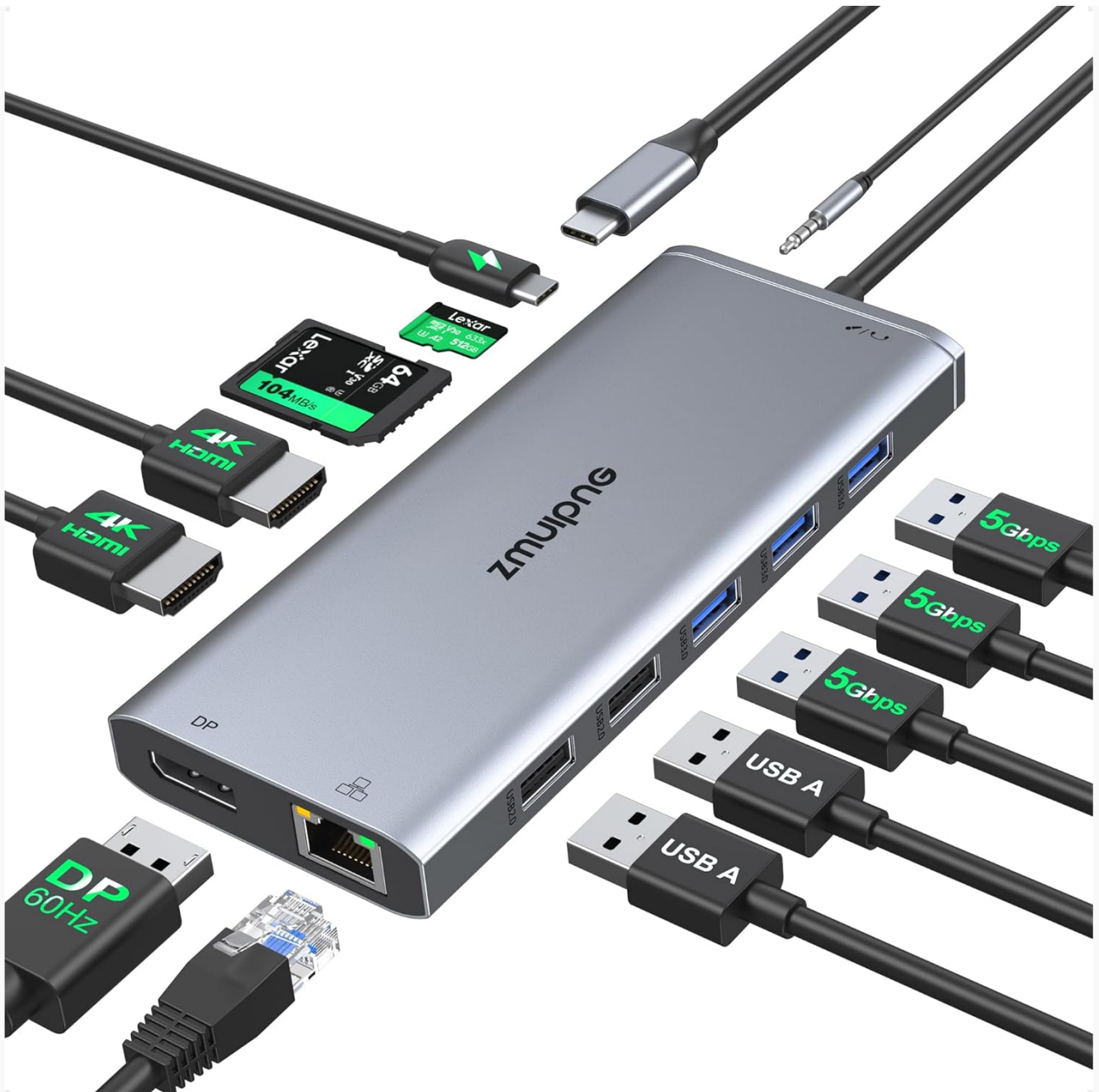


Figure 1.1: ZMUIPNG 12-in-1 USB C Docking Station

2. PRODUCT FEATURES

The ZMUIPNG 12-in-1 USB C Docking Station offers a comprehensive set of ports to enhance your productivity:

- **Dual Monitor Output:** 2x HDMI (4K@30Hz) and 1x VGA (1080P@60Hz) for extended or mirrored displays.
- **High-Speed Data Transfer:** 2x USB 3.0 ports (up to 5Gbps) and 2x USB 2.0 ports for peripherals.
- **Gigabit Ethernet:** RJ45 port for stable and fast wired network connection (10/100/1000Mbps).
- **Power Delivery:** USB C PD charging port (up to 100W) to power your laptop while using the hub.
- **Card Readers:** SD and Micro SD card slots (up to 104MB/s).
- **Audio Connectivity:** 3.5mm Mic/Audio jack for headphones or speakers.

13 IN 1



Figure 2.1: Detailed Port Overview

3. SETUP GUIDE

Follow these steps to set up your ZMUIPNG Docking Station:

- 1. Verify Laptop USB-C Port:** Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) and Power Delivery for full functionality. Not all USB-C ports are created equal. Refer to your laptop's manual or manufacturer for details.
- 2. Connect Docking Station:** Plug the USB-C cable from the docking station into your laptop's compatible USB-C port.
- 3. Connect Power Adapter (Optional but Recommended):** For stable operation and laptop charging, connect your laptop's original USB-C power adapter to the PD (Power Delivery) port on the docking station. The docking station supports up to 100W power input.
- 4. Connect Displays:** Connect your HDMI or VGA monitors to the corresponding ports on the docking station.
- 5. Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external hard drives), Ethernet cable, SD/Micro SD cards, and audio devices as needed.



Figure 3.1: Understanding Your Laptop's USB-C Port Functionality

Triple Displays Docking Station

DP+HDMI1+HDMI2

HDMI2

HDMI1

DP



Figure 3.2: Power Delivery Connection

4. OPERATING INSTRUCTIONS

4.1 Display Configuration

The docking station supports various display modes for Windows and Mac OS. The maximum resolution and refresh rate depend on your laptop's graphics card and the connected monitors.

Windows Systems:

Windows laptops with a fully functional USB-C port (supporting DisplayPort Alternate Mode) can achieve dual or triple monitor setups in both Mirror and Extended modes.

Multiple Displays for Windows

Dual Display



Triple Monitors



Figure 4.1: Windows Dual and Triple Display Modes

Dual HDMI Displays

HD visual enjoyment for work

HDMI1

HDMI2



Figure 4.2: Triple Display Docking Station Setup

Mac OS Systems:

Mac OS laptops support Mirror Mode and Non-Mirror Mode (extended display) for dual monitors. Please note that Mac OS does not support extending different content across three external displays simultaneously.



Multiple Displays for Mac OS

Mirror Mode

HDMI:4K@30Hz

DP:4K@30Hz



Non-Mirror Mode

HDMI1:4K@30Hz

HDMI2:4K@30Hz

DP:4K@30Hz

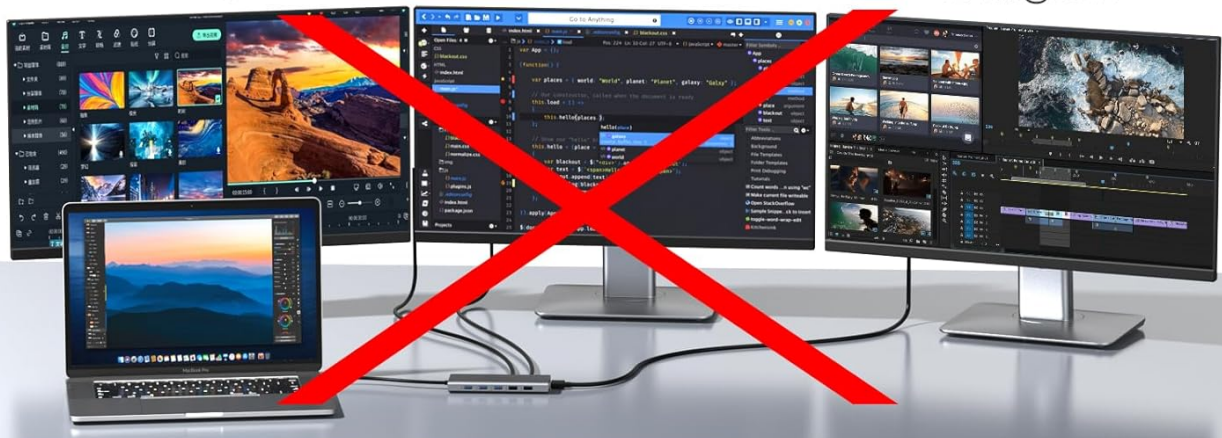


Mac Not Support Triple Displays

HDMI1:4K@30Hz

HDMI2:4K@30Hz

DP:4K@30Hz



Note: Mac does not support extending different content

Figure 4.3: Mac OS Display Modes

4.2 Data Transfer

Utilize the USB 3.0 ports for high-speed data transfer (up to 5Gbps) with external hard drives, USB flash drives, and other compatible devices. The USB 2.0 ports are ideal for connecting keyboards, mice, and other low-bandwidth peripherals without lag. Insert SD or Micro SD cards into the dedicated slots for quick photo and file transfers.



Figure 4.4: SD/TF and USB Ports

4.3 Network Connection

For a stable and reliable internet connection, plug an Ethernet cable into the RJ45 Gigabit Ethernet port. This provides speeds up to 1000Mbps, ideal for online gaming, streaming, and large file downloads, avoiding Wi-Fi instability.

4.4 Audio Connectivity

Connect your wired headphones or speakers to the 3.5mm Mic/Audio port for private listening or audio output.



Figure 4.5: Ethernet and Audio Ports

5. MAINTENANCE

To ensure the longevity and optimal performance of your docking station, please follow these maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- Do not expose the docking station to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation around the docking station to prevent overheating.
- Disconnect the device from power and your laptop when not in use for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your ZMUIPNG Docking Station, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No display output or flickering screen.	Ensure your laptop's USB-C port supports DisplayPort Alternate Mode. Check all cable connections (USB-C to laptop, HDMI/VGA to monitors). Update your laptop's graphics drivers. Try a different HDMI/VGA cable. Ensure your laptop is receiving sufficient power, especially for multiple displays.

Problem	Possible Cause / Solution
USB devices not recognized or slow.	Ensure the docking station is properly connected to your laptop. Connect the laptop's power adapter to the PD port on the docking station for stable power. Avoid connecting more than one HDD/SSD at the same time to the USB ports. Try connecting the USB device to a different port on the docking station.
Ethernet connection issues.	Check if the Ethernet cable is securely plugged into both the docking station and your router/modem. Verify network settings on your laptop. Ensure your laptop's USB-C port supports data transfer.
Laptop not charging via PD port.	Ensure your laptop's USB-C port supports Power Delivery. Use your laptop's original power adapter or a compatible PD charger. Check the power cable connection to the docking station.

7. SPECIFICATIONS

Feature	Detail
Model Number	ZM18219
Dimensions (LxWxH)	5.31 x 2.56 x 0.59 inches
Weight	4.7 ounces
HDMI Output	2x 4K@30Hz
VGA Output	1x 1080P@60Hz
USB 3.0 Ports	2x (up to 5Gbps)
USB 2.0 Ports	2x
USB-C PD Charging	Up to 100W
Ethernet Port	RJ45 Gigabit (10/100/1000Mbps)
Card Reader	SD/Micro SD (up to 104MB/s)
Audio Port	3.5mm Mic/Audio
Compatible OS	Windows 7/10, Mac OS 9 and above

8. WARRANTY AND SUPPORT

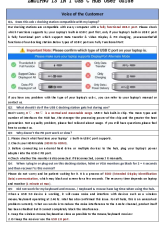
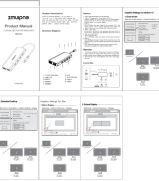
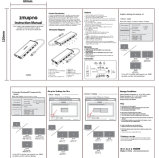
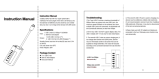
ZMUIPNG products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact our customer service team. We are committed to providing professional assistance and ensuring your satisfaction.

Customer Support Email: zmuipng@outlook.com

Please have your product model number (ZM18219) and purchase details ready when contacting support.

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Related Documents - ZM18219

	<p>ZMUIPNG 13-in-1 USB C Hub User Guide and Troubleshooting</p> <p>A comprehensive user guide for the ZMUIPNG 13-in-1 USB C Hub, detailing compatibility, troubleshooting common issues like heat and connectivity, and explaining display resolution capabilities for both Windows and Mac operating systems.</p>
	<p>ZMUIPNG ZM3310 USB-C Hub with Triple Display: User Manual</p> <p>User manual for the ZMUIPNG ZM3310, an 11-in-1 USB-C extension hub featuring triple display support (HDMI, VGA), Ethernet, USB 3.1, USB 2.0, and PD charging.</p>
	<p>ZMUIPNG XJ038 14-in-1 USB-C Hub Instruction Manual</p> <p>This document is the instruction manual for the ZMUIPNG XJ038 14-in-1 USB-C Hub. It details the product's features, specifications, connection diagram, and provides guidance on graphics settings for Windows 10 and macOS, storage conditions, and frequently asked questions. The hub offers expanded connectivity for laptops, including multiple display outputs (HDMI, DP), USB ports, Ethernet, and card readers.</p>
	<p>USB-C Hub Instruction Manual - 7-Port 10Gbps Data and 20W Charging</p> <p>Instruction manual for the 7-port USB-C Hub, detailing its specifications, package contents, and troubleshooting tips for data transfer and charging.</p>

