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› [ZMUIPNG](#) /

› [ZMUIPNG USB C Docking Station User Manual](#)

ZMUIPNG ZM1833-UK

ZMUIPNG USB C Docking Station User Manual

Model: ZM1833-UK

Brand: ZMUIPNG

PRODUCT OVERVIEW

The ZMUIPNG USB C Docking Station is a versatile 11-in-1 multiport adapter designed to expand the connectivity of your USB-C enabled laptop, including Dell, HP, Surface, and Lenovo models. It transforms a single USB-C port into multiple essential connections, enhancing productivity and display capabilities.

instability.

- **Power Delivery (PD) 100W:** Supports charging your laptop while using multiple peripherals, ensuring continuous power.
- **Audio & Mic Port:** Integrated 3.5mm jack for connecting wired headsets.
- **SD/TF Card Reader:** Conveniently browse photos and transfer data from SD and TF cards at speeds up to 104MB/s.



Image: A detailed diagram illustrating the various ports of the ZMUIPNG docking station, including 3x USB 3.0, 2x HDMI, SD/TF card slots, 2x USB 2.0, PD 100W, Ethernet, DP Port, and 3.5mm Audio/Mic.

SETUP INSTRUCTIONS

1. **Connect to Laptop:** Plug the USB-C cable from the docking station into a full-function USB-C port on your laptop. Ensure your laptop's USB-C port supports video output (DisplayPort Alternate Mode) and Power Delivery for full functionality.
2. **Connect Power (Optional but Recommended):** For stable operation and laptop charging, connect your laptop's original USB-C power adapter (up to 100W) to the USB-C PD input port on the docking station.

3. **Connect Displays:**

- For HDMI displays, connect HDMI cables from your monitors to the HDMI 1 and HDMI 2 ports on the docking station.
- For VGA displays, connect a VGA cable from your monitor to the VGA port.
- For DisplayPort displays, connect a DP cable from your monitor to the DP port.

4. **Connect Peripherals:** Plug in your USB devices (keyboard, mouse, external hard drives, USB flash drives) into the available USB 3.0 and USB 2.0 ports.

5. **Connect Ethernet:** For a wired network connection, plug an Ethernet cable into the Gigabit Ethernet port.

6. **Connect Audio:** If desired, plug your wired headphones or speakers into the 3.5mm audio/mic jack.

7. **Insert Memory Cards:** Insert SD or TF cards into the respective slots for data access.

Your operating system should automatically detect the connected devices. You may need to adjust display settings in your computer's system preferences to configure monitor arrangements (extended, mirrored, etc.).

OPERATING INSTRUCTIONS

Once connected, the ZMUIPNG docking station operates as a plug-and-play device. No drivers are typically required for basic functionality on most modern operating systems (Windows, macOS, Chrome OS).

Display Configuration (Windows)

For Windows users, you can configure your display settings by right-clicking on your desktop and selecting "Display settings" or "Screen resolution". Here you can:

- **Extend Displays:** Each monitor shows a different part of your desktop, expanding your workspace.
- **Duplicate Displays (Mirror Mode):** All monitors show the same content.
- **Set Primary Display:** Choose which monitor is your main screen.
- **Adjust Resolution and Orientation:** Set the desired resolution and landscape/portrait orientation for each monitor.



Multiple Displays for Windows

Dual Display



Triple Monitors

HDMI1:1080P@60Hz



Image: Visual examples of dual and triple monitor setups for Windows laptops connected to the docking station, showing various resolution capabilities like 4K@30Hz and 1080P@60Hz.

Display Configuration (macOS)

For macOS users, navigate to "System Preferences" > "Displays". Here you can:

- **Arrangement Tab:** Drag and drop the display icons to arrange them as they are physically on your desk. Check "Mirror Displays" for duplicate mode.
- **Display Tab:** Select resolution and refresh rate for each monitor.

Important Note for macOS: macOS typically supports only one extended display via MST (Multi-Stream Transport) hubs. While you can connect multiple monitors, they may mirror each other or be limited to a single extended desktop. True triple independent extended displays are generally not supported by macOS through a single MST hub. The docking station supports dual 4K@30Hz or DP 4K@30Hz in mirror mode, and multiple 4K@30Hz displays in non-mirror mode, but not three distinct extended displays.



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

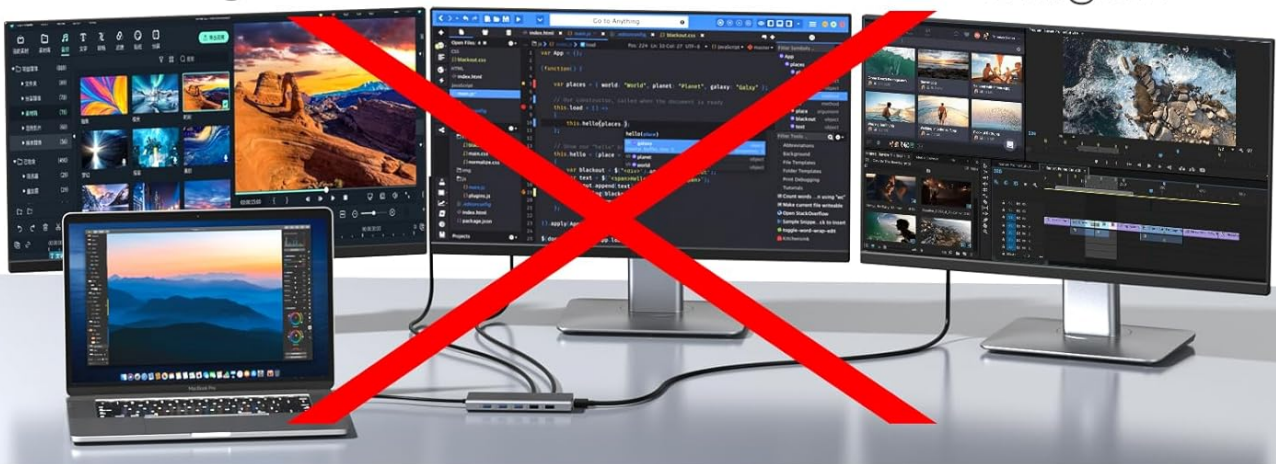


Mac Not Support Triple Displays

HDMI1:4K@30Hz

HDMI2:4K@30Hz

DP:4K@30Hz



! Note: Mac does not support extending different content

Image: Illustrations of mirror and non-mirror display modes for Mac OS with the docking station, explicitly showing that Mac does not support extending different content across three independent displays.

Your browser does not support the video tag.

Video: An official product video demonstrating the features and connectivity of the ZMUIPNG USB C Laptop Docking Station, including its 11-in-1 capabilities and dual monitor support.

CONNECTIVITY AND PORT DETAILS

Port Type	Function	Specifications
USB-C PD	Power Input for Charging Laptop	Up to 100W Power Delivery
HDMI 1 & HDMI 2	Video Output	4K@30Hz (Dual Monitor)
VGA	Video Output	1080P@60Hz (Triple Monitor with HDMI)
DisplayPort (DP)	Video Output	4K@60Hz
USB 3.0 (x3)	High-Speed Data Transfer	Up to 5Gbps

Port Type	Function	Specifications
USB 2.0 (x2)	Standard Data Transfer, Peripheral Connection	Up to 480Mbps (Ideal for keyboard/mouse)
Gigabit Ethernet	Wired Network Connection	10/100/1000Mbps
3.5mm Audio/Mic	Audio Input/Output	Standard Audio Jack
SD/TF Card Reader	Memory Card Access	Up to 104MB/s



Image: The docking station connected to a laptop, with a glowing blue Ethernet cable plugged in, indicating active Gigabit Ethernet connectivity.



Image: The docking station with three USB 3.0 flash drives and two USB 2.0 devices connected, demonstrating its super-speed and standard data transfer capabilities.



Image: The docking station with an SD card inserted and headphones plugged into the 3.5mm audio jack, highlighting its media card reader and audio capabilities.

POWER DELIVERY

The USB-C PD (Power Delivery) port on the docking station allows you to charge your laptop while using the hub. Connect your laptop's original USB-C power adapter to this port. The docking station supports up to 100W power input, providing sufficient power to your laptop and connected peripherals.

Note: The power cord/adapter is not included with the docking station.



Image: The docking station connected to a laptop, illustrating the power flow with 100W input from a power adapter and 87W output to the laptop, ensuring continuous charging.

COMPATIBILITY NOTES

For the dual/triple monitor function to work, the built-in USB-C port of your laptop must be **fully functional port** that supports video output (DisplayPort Alternate Mode) and Power Delivery. Not all USB-C ports are created equal.

Please verify your laptop's USB-C port capabilities. Look for symbols next to the USB-C port that indicate video output (e.g., a DisplayPort symbol, a lightning bolt for Thunderbolt, or a 'D' for DisplayPort). If your USB-C port only supports charging or data transfer, the video output features of this docking station will not function.



Image: A visual guide to identifying different USB-C port types on laptops, distinguishing between full-function ports (supporting power, data, and video) and those limited to only charging or data transfer.

Compatible Devices (Partial List):

- Dell XPS 13/15/17, Dell Precision 5510, Dell Vostro 5515, Dell Latitude E7470/5290 2-in-1/5285/5480/7280/3520/5300/5410
- Surface Pro 7/X, Surface Go, Surface Book 2, Surface Laptop 3
- HP Spectre x2/x360, HP ZBook 15 G3, HP ZBook Firefly 15 G7
- Lenovo Thinkpad Yoga 900/920/720/730/C930/C940/C740/C730
- Huawei MateBook X/MateBook X Pro
- Chromebook Plus/Google Chromebook Pixel Book

TROUBLESHOOTING

• No Display Output:

- Ensure your laptop's USB-C port supports DisplayPort Alternate Mode.
- Check all cable connections (USB-C from hub to laptop, HDMI/VGA/DP from hub to monitor).
- Try restarting your laptop.
- Update your laptop's graphics drivers.
- Test with a different monitor or cable if possible.

• Flickering Screen or Unstable Display:

- Ensure the docking station is receiving sufficient power, especially if multiple high-power devices are connected. Connect a PD charger to the hub.
- Reduce the display resolution or refresh rate.
- Check for loose connections.

• USB Devices Not Recognized:

- Ensure the docking station is securely connected to the laptop.
- Try connecting the USB device to a different port on the hub.
- If it's a high-power USB device (e.g., external HDD), ensure the docking station is powered via its PD port.
Note: Only 1 HDD/SSD can be connected at the same time.

• Ethernet Not Working:

- Check the Ethernet cable connection to both the hub and your router/modem.

- Verify network settings on your laptop.
- Restart your router/modem.

- **Docking Station Gets Warm:**

It is normal for the docking station to become warm during extended use, especially when multiple ports are active and power delivery is in use. This is due to the dissipation of heat from the internal components. If it becomes excessively hot, ensure adequate ventilation and consider reducing the load (e.g., disconnect unused peripherals).

SPECIFICATIONS

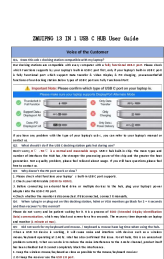
Feature	Detail
Model Number	ZM1833-UK
Product Dimensions	6.3 x 3.54 x 0.79 inches
Item Weight	4.6 ounces
Hardware Interface	MicroSD, Ethernet, HDMI, USB 3.0, USB 2.0
Power Delivery	Up to 100W (Input)
USB 3.0 Speed	5Gbps
USB 2.0 Speed	480Mbps
Ethernet Speed	10/100/1000Mbps
SD/TF Card Speed	Up to 104MB/s

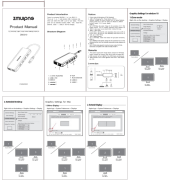
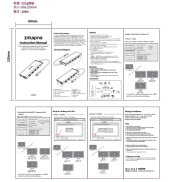
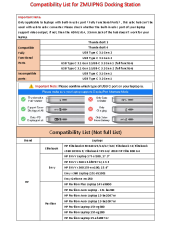
WARRANTY AND SUPPORT

ZMUIPNG products are designed for reliability and performance. For any questions, technical support, or warranty claims, please contact ZMUIPNG customer service through the retailer where you purchased the product or visit the official ZMUIPNG website for contact information.

Please retain your proof of purchase for warranty purposes.

Related Documents - ZM1833-UK

	<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>
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	<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>ZMUIPNG Docking Station Compatibility List for Laptops</p> <p>Comprehensive compatibility list for the ZMUIPNG Docking Station, detailing supported USB-C port types and specific laptop models from major manufacturers like HP, Dell, Lenovo, Acer, ASUS, Huawei, and Apple (MacBook).</p>