

# Fzaqwen

## 2.5K Triple Monitor

DR145



USER MANUAL **US**

Thank you for using our DR145.  
Please read this manual carefully before first use.

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# Foreword

## Fzaqwen

Fzaqwen is an innovative technology company. We are committed to developing and producing products with reliable quality and rich performance to meet the needs of consumers in daily life, office and entertainment. We hope our products can bring you good times and flash memories!

## DR145 Portable Monitor

The DR145 is a multifunctional plug-and-play dual-screen laptop monitor, portable and foldable, which can help to quickly build a personal mobile studio and improve your work efficiency by up to 300%;

The DR145 is equipped with two 14.1" 2.5K IPS screens, and the resolution can reach up to 2560\*1600P, providing you with a clear and delicate display effect;

DR145 has a rotatable and retractable bracket system and is easy to operate. It is suitable for laptops ranging from 13 inches to 17.3 inches. At the same time, it can provide five usage modes, Duplicate Mode/Extended Mode/Single Screen Mode/Demonstration Mode/Vertical Screen Mode, which can meet your daily multi-scene usage needs;

DR145 is suitable for various devices in various scenes, not only for laptops, but also for desktops, mini hosts, set-top boxes, game consoles and smart phones (see the description in the manual for specific models and connection methods). Applicable people: designers, video editors, office workers, gamers, stock traders, entrepreneurs, accountants and college students;

DR145 portable screen can be used for various systems and devices, and its good compatibility brings you a convenient and efficient experience.



Wins



Android



iOS



MacOS



Phone



Switch

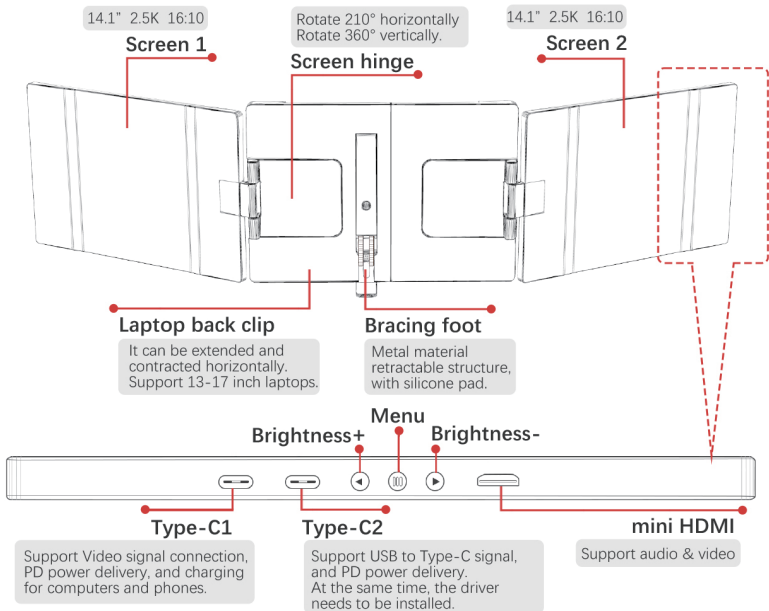


PSP

## Monitor Specification

<b>Model</b>	DR145	<b>Resolution</b>	2560*1600P
<b>Screen Size</b>	14.1"	<b>Panel Type</b>	IPS
<b>Screen Scale</b>	16:10	<b>Viewing Angle</b>	178°
<b>Brightness</b>	300cd/m <sup>2</sup>	<b>Display Color</b>	16.7M(8Bit)
<b>Refresh Rate</b>	60Hz	<b>Response Speed</b>	25ms(Tr+Td)
<b>Color Gamut Value</b>	100%gRGB	<b>Contrast</b>	1200:1
<b>Type-C Input</b>	5V-20V/2-5A	<b>Material</b>	ABS + metal
<b>Package Size</b>	15.5*10.2*3 inches	<b>Weight</b>	5.3 lb

## Product Diagram



## Package List



14.1" Triple Monitor



1\* User Manual



1\* Service Card



1\* Carry Bag



1\* HDMI to HDMI



1\* Type-C to Type-C



2\* USB to Type-C



1\* Wiping Cloth

# Connection Method

## Reminder

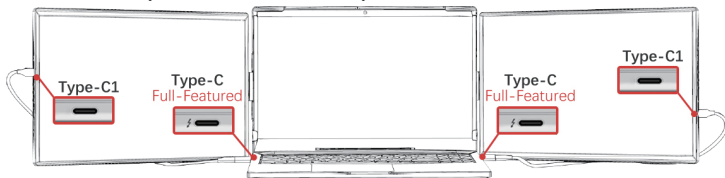
Before connecting, please check and confirm if the laptop Type-C port is a full-featured one.



A Type-C port which comes with one of the symbols is a full-featured one. Thunderbolt 3 or Thunderbolt 4 ports are also full-featured. You can view the port parameters in the manual or on the Web. Full-featured Type-C port supports video signal connection, PD power delivery, and charging for phones and computers.

**Notice:** If you can't judge whether your type-C port is a full-featured one or not, you can consult us at any time.

## ► Method 1 (Drive-free installation):



### Type-C1 of DR145 Connection:

If your laptop has two full-featured Type-C ports, you can connect the DR145 Type-C1 ports directly to your laptop's full-featured Type-C ports with two Type-C to Type-C cables.

## ► Method 2 (Drive-free installation):

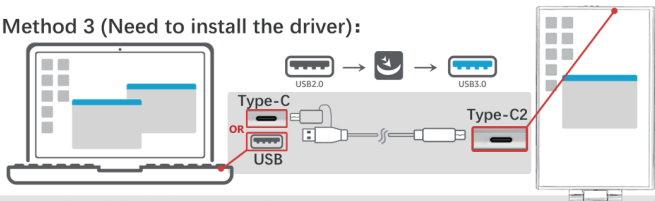


### HDMI of DR145 Connection:

Please connect the mini HDMI port of laptop to the HDMI port of Monitor through an HDMI to HDMI cable.

**Notice:** At the same time, the monitor needs to be powered on separately, please connect an external 5V/2A power adapter to power the monitor.

### ► Method 3 (Need to install the driver):



#### Type-C2 of DR145 Connection:

Step 1: Scan the code to download and install the driver software.

Step 2: Connect the USB port of laptop to the Type-C2 port of the monitor with a USB to Type-C cable, or connect the laptop's Type-C port to the Type-C2 port of the monitor with a Type-C to Type-C cable.

**Notice:** The driver download portal is described in the manual for details.

In single-screen mode, there is no need to install drivers, just connect the computer to type-c.

### ► Method 4 (Need to install the driver):



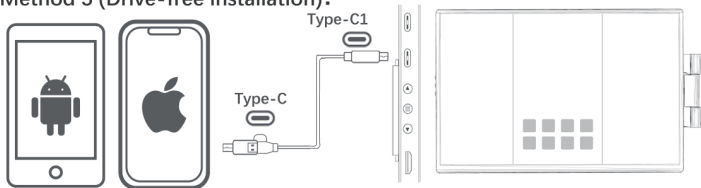
#### Desktop Computer Connection:

You only need to download and install a driver on your desktop, and then you can connect to monitor through an HDMI to HDMI and a USB-A to Type-C cable.

**Notice:** If the display has no signal or the signal is unstable after connection, please connect an external 5V/2A power adapter to power the monitor.

If you don't know how to install the driver, please contact us in time and we will help you solve it.









### ► Method 5 (Drive-free installation):



## Phone Connection:

First make sure your phone has a fully functional Type-C before you can connect it to the monitor, only Apple's iPhone 15 and iPhone 16 series can be collected to the monitor via a Type-C to Type-C cable.  
**Notice:** If the display has no signal or the screen flickers, please connect an external 5V/2A power adapter to power the monitor.

## ► Summary of connection methods

Ports of DR145	Ports of Host Device	Connecting Cable	Whether Need to Install a Driver	Whether Need Extra Power Supply
Type-C1	 Full-Featured Type-C	 Type-C to Type-C	✗	✗
Type-C2	 Non-fully Functional Type-C	 Type-C to Type-C	✓	✗
	 USB Port	 USB to Type-C	✓	✓
HDMI	 HDMI Port	 HDMI to HDMI	✗	✓

**Notice:** Please check your host device's ports before connection, then select the appropriate connection method according to the above table;

**MacBook does not need to install a driver when it is connected to a single screen, but it must be installed when it is connected to the two extended monitors.**

## The Drive Installation



Driver for MacOS

1. Scan the QR code and download the driver for MacOS;
2. Read the **<Notice before the driver installation in the driver >**file;
3. Complete MacBook setup as required;
4. Install the driver and restart the computer.



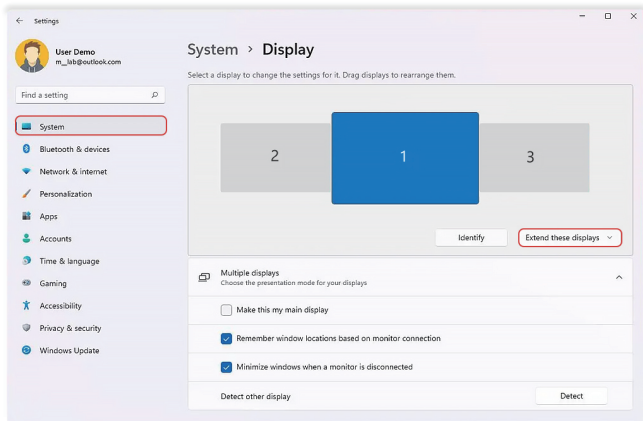
Driver for Wins



1. Scan the QR code to download the **driver for Wins**;
2. Install the driver and restart the computer.

Please contact us in time, if you can't successfully install the driver, we will help you solve it as soon as possible!

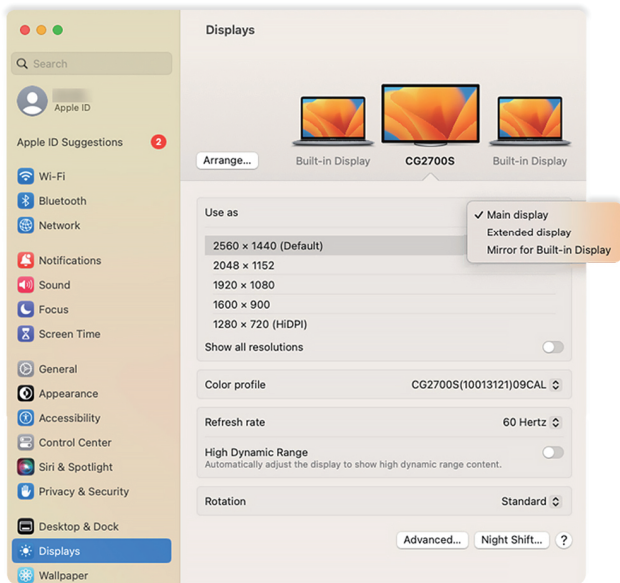
# Laptop Setting

## ► Set up dual monitors on Windows



1. Select **Start** , then open **Settings** .
2. Under **System**, select **Display**. Your PC should automatically detect your monitors and show your desktop. If you don't see the monitors, select **Multiple Displays**, then **Detect**.
3. Use the dropdown list next to the image of your desktop to choose how your screen will project across your displays.
4. Once you've chosen your setup, select **Apply**.

## ► Set up dual monitors on MacOS



For macOS:

1. Click the Apple menu and select **"System Preferences"**;
2. Click **"Displays"**;
3. Go to the **"Arrangement"** tab;
4. Drag the monitor icons to match your physical setup;
5. Uncheck **"Mirror Displays"** if it's selected.



# Display Modes

## ► Duplicate Mode



### Screen 1=Screen 2=Screen 3

In duplicate mode, the contents and operations of the three screens are consistent.

**Setup:** Select **Start** , then open **Settings** , under **System**, select **Display**, select **Duplicate Displays**, and click **Keep Changes**.

## ► Extended Mode



### Screen 1≠Screen 2≠Screen 3



You can drag different pages from screen 1 to screen 2 and screen 3. Three screens display different contents, thus improving the efficiency of study and work.

**Setup:** Select **Start** , then open **Settings** , under **System**, select **Display**, select **Extended Displays**, and click **Keep Changes**.

## ► Duplicate + Extended Mode



### Screen 1=Screen 2≠Screen 3

**Setup:** Select **Start** , open **Settings** , under **System**, select **Display**, select **Copy Desktops on 1 and 2**, click **Keep Changes**.

## ► Single Screen Mode



### Single Screen Mode and Vertical Screen Mode

DR145 Triple portable monitor can be divided into two independent screens for use, and can realize single mode and vertical mode. Make mobile office and study more portable.

## ► MacOS Extended Mode

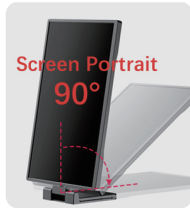
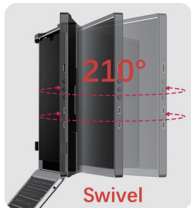


1. Click the **Apple Menu**, select **System Preferences**, click **Displays**, and go to the **Arrangement** tab.
2. Select **Main Display** or **Extended Displays**, or **Mirror for Built-in Display**.

#### Notice:

In single-screen mode, there is no need to install drivers just connect the computer to type-c!  
Drivers only need to be installed when connecting dual monitors. (Refer to the five-page driver installation method).

## Flexible Adjustment



The two screens are connected with the background through the metal rotating shaft, which can easily realize 360° vertical rotation and 210° horizontal rotation.

## Supported Devices & Models

### Laptop (Brand & Mode)

<b>Apple</b>	MacBook 12", MacBook M1Pro/M2Pro/M3Pro 2016/2017 /2018, M1Max/M2Max/M3Max
<b>Google</b>	Chromebook Pixels, Pixelbook Pen
<b>Lenovo</b>	Savior Y7000, Savior Y7000P, Savior Y9000K, YOGA 6 Pro, ThinkPad X1 Carbon, Yoga 5 Pro, Miix 720, X280
<b>DELL</b>	G3 Series, G5 Series, G7 Series, Inspiron 5000, Inspiron 7000, XPS13, XPS15
<b>HP</b>	EliteBook 1050G1, EliteBook Folio G1, Omen 4 Pro, Pavilion X2
<b>Microsoft</b>	EliteBook 1050G1, EliteBook Folio G1, Omen 4 Pro, Pavilion X2
<b>ASUS</b>	Lingyao 3, U306, U321 Series, U4100, ROG Series
<b>HUAWEI</b>	MateBook D
<b>MIUI</b>	Air, Pro
<b>Microsoft</b>	EliteBook 1050G1, EliteBook Folio G1, Omen 4 Pro, Pavilion X2

#### Notice :

1. MacBook M1/M2/M3 does not support external triple monitor. If you need to display three screens at the same time, please contact customer service to obtain and install drivers.
2. The machines listed above are fully tested and are compatible. Theoretically, other devices are also compatible if they support the DP function.

### Phone (Brand & Mode)

<b>APPLE</b>	iPhone 15 series, iPhone 16 series
<b>SAMSUNG</b>	S8/S8+/S9/S9+/S10/S10+/S10e/S20/S20+/S20 Ultra/S21/S21+/S21 Ultra/Note 8/Note 9/Note 10/Note 10+/Note 20/Note 20 Ultra/Fold1/Fold2/Fold3
<b>HUAWEI</b>	Mate 10/Mate 20/Mate 30 Series, Mate RS, P20/P30/P40 Series
<b>HONOR</b>	Note 10, V20/V30 Series
<b>SONY</b>	Xperia 1(J9110)/Xperia 5/Xperia XZ3
<b>OPPO</b>	R17 Pro, Reno, Find
<b>Razer</b>	Razer Phone, Razer Phone 2
<b>LG</b>	G5, G6, G7
<b>OnePlus</b>	OnePlus 7/OnePlus 7 Pro/OnePlus 7T/OnePlus 8/OnePlus 8 Pro
<b>ASUS</b>	ROG Gaming Phone

#### Notice :

1. Theoretically, it supports all mobile phones with full-featured type-C ports with DP protocol.
2. Compatible with mini PC/SWITCH/XBOX/PS3/PS4/PS5 etc.

# Troubleshooting

## ► Monitor FAQ - Troubleshooting Common Issues

### **Q1: How can I tell if the Type-C port on my computer is full-featured?**

A Type-C port coming with one of the following symbols is a full-one. Thunderbolt 3 or Thunderbolt 4 port is also full-featured. You can view the port parameters in the manual, network, or user manual.

### **Q2: Showing “No Signal” on the screen.**

First please check if the cable is correctly connected between the display and the device. Second, try plugging and unplugging the cable. Next, if connected with an HDMI cable, please ensure to supply extra power for the monitor. If your laptop is connected to the type-C2 port, you need to install the driver of the corresponding system for your computer.

### **Q3: My monitor won't power on.**

Check if the monitor and your device are in the ON mode. Make sure the cable is properly connected. When the HDMI port is connected, the power cord needs to be connected separately. If the problem persists, please contact the after-sales service center.

### **Q4: The screen flickers.**

Please check if the connection is loose. If there is no problem with the connection, it may be due to insufficient power supply. Please connect the adapter and use it again or try changing a new connecting cable and device for connection. If it still doesn't work, it is recommended to contact the after-sales service center.

### **Q5: Power is On, but no backlight, and no image appears on the screen.**

Make sure the video cable connection to the monitor to the computer is properly and securely connected. Adjust the brightness and contrast settings. Make sure the correct input source is selected.

### **Q6: My laptop has a full-featured Type-C port, when connected to the Type-C port of the extender, there is still no picture on the display screen.**

First, you need to find the Type-C1 port of the extender monitor and then connect to the full-featured Type-C port on your laptop through Type-C to Type-C cable.

**Q7: I connected my laptop to the Type-C2 ports, and there are no images appearing on the screen.**

When connecting the laptop to the type-C2 port of the display screen, you need to install the driver of the corresponding system in your laptop at the same time, so as to realize the normal video display of the screen. When you connect the laptop to the type-C1 port, you don't need to manually install the driver software separately. (See the instruction manual for the method of obtaining and installing the driver of the corresponding system.)

## Maintenance

### Notice

- Read the documentation provided before setting it up;
- Keep it away from rain or moisture to avoid fire or shock hazards;
- Ensure cables are connected properly and power cables are undamaged;
- Avoid subjecting the screen surface to external forces or impacts.  
Avoid pressing the screen by hand;
- Do not use sharp tools that may damage the screen surface;
- Contact tech support at **fzaqwen@hotmail.com** for help, if you have ever encountered any problems;
- When the fuselage surface is dirty, please wipe it clean as soon as possible to prevent the fuselage surface and circuit board from corrosion.



For any support you need,  
feel free to contact us via email at

**E-mail: [fzaqwen@hotmail.com](mailto:fzaqwen@hotmail.com)**

We are always here to help and will offer solutions within 24hrs.

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