



Baseus 16-in-1 USB-PD Type-C Hub Adapter Station User Manual

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Product introduction

Product introduction

This product is a multifunctional docking station that provides one-stop solution and support Three-screen display. It is compatible with most mainstream Type-C notebooks, tablets, mobile phones and other devices on the market. It has multiple expansion interfaces to bring convenience to life and improve working efficiency. Simple and stylish appearance makes your desktop look cleaner. 3*HDMI support 3 monitors at the same time, which can greatly improve working efficiency. You can also put videos on mobile phones and tablets on projectors, TVs and other devices to enjoy large screens.

Product accessories list

- | | |
|---------------------------|------------------|
| • Main Body | 1PCS |
| • Stand | 1PCS |
| • Type-C Cable | 1PCS |
| • 12V/3A DC power adapter | 1 Set (Optional) |
| • User manual | 1PCS |
| • Warranty card | 1PCS |

Product specifications

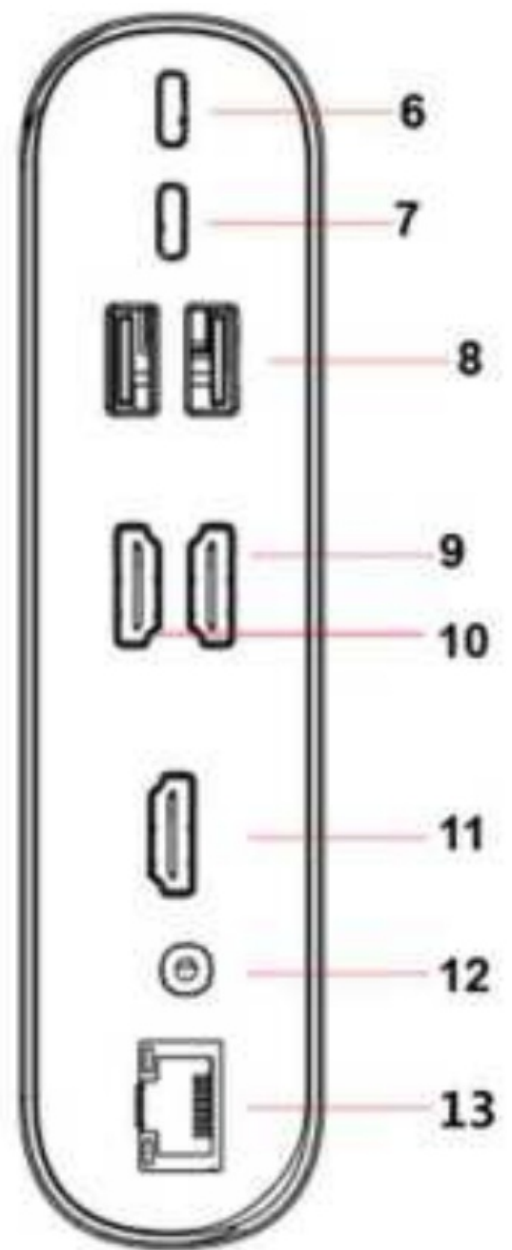
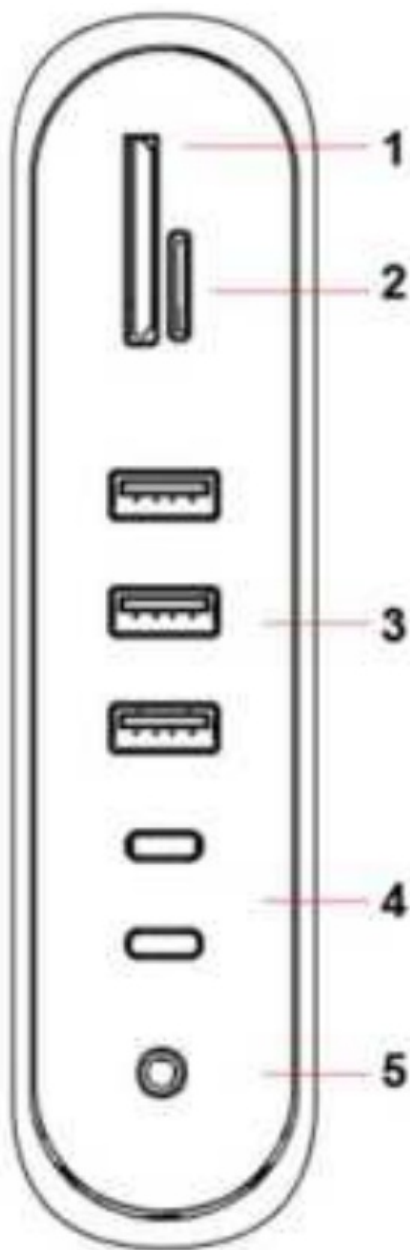
1. Suitable for computers with Type-C interface, such as MacBook, etc.
2. USB3.0/Type C port supports USB3.1 Gen1 5Gbps high speed transmission, and is backward compatible with USB2.0 and USB1.1; USB2.0 ports support 480Mbps speed transmission.
3. The card reader supports Micro SD, SD, SDHC, SDXC and other memory cards, and supports up to 2TB.
4. Support hot plug, plug and play, easy to use.

5. Support three-screen display, multi-screen interaction, enjoy the big screen. supports Gigabit Ethernet, support 10M/100M/1000M adaptive Ethernet interface. (Drive free).
6. System Support: Apple OS X Yosemite, Apple OS El Capitan, Windows 10, and other operating systems.
7. Working voltage: 5V~20V.
8. Quiescent current: <480mA. (local power consumption)
9. Working current: 450~2550mA.
10. USB PD input support: 5V/9V/14.5V/20V 5A(max), DC adapter input support: 12/3A (max).
11. Product size: 80 *80 * 162 mm.
12. Product Weight 386g.

Appearance and interface

Appearance and interface function description

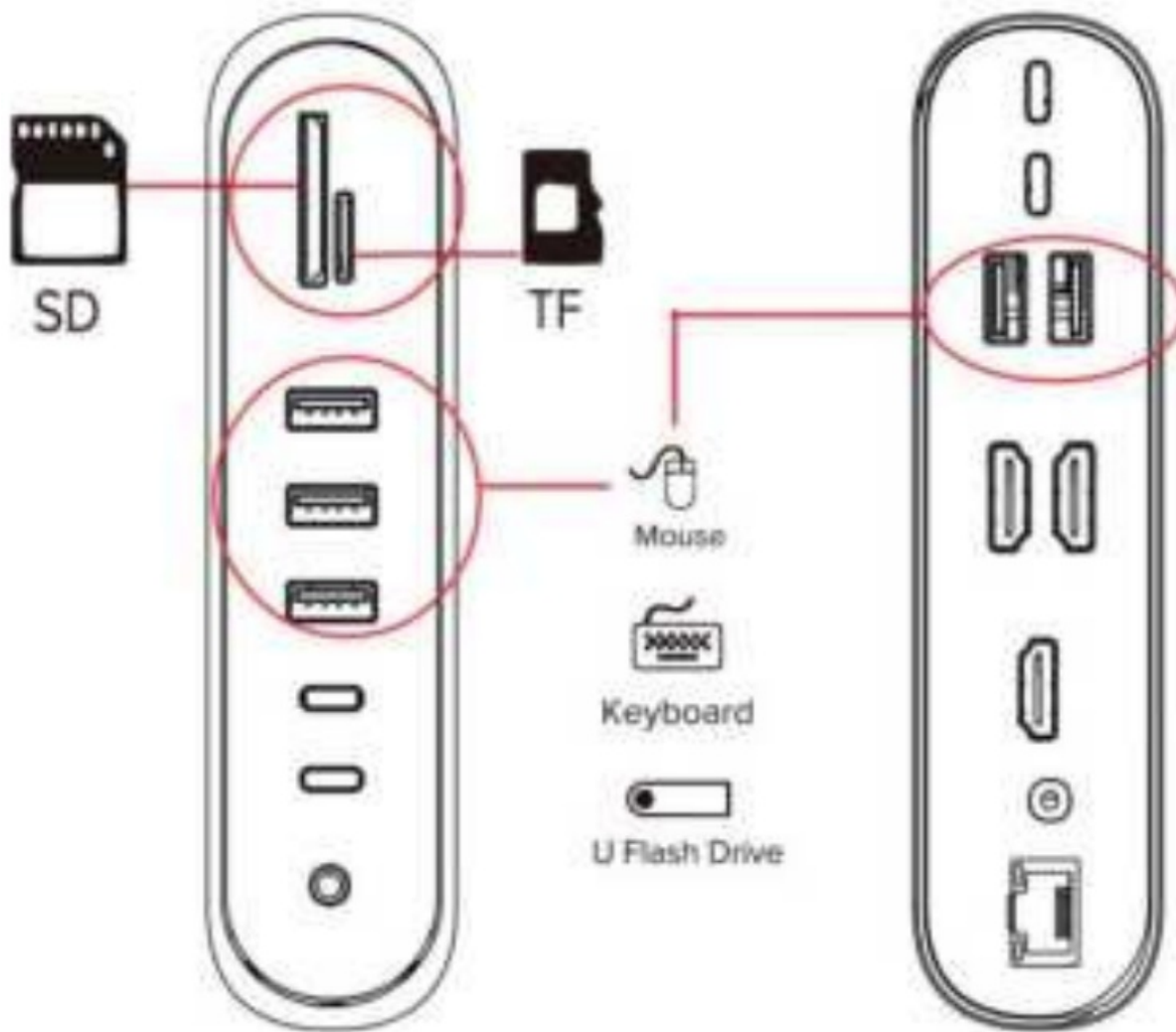
No.	Name	Functional description
1/2	SD/Micro SD Card holder	Used to connect a Micro SD/SD memory card 2TB MAX
3	USB3.0 Ports	Used to connect USB3.0 devices
4	USB3.0 TYPE C Ports	Used to connect USB3.0 devices with Type-C interface
5	Stereo headphone jack	Used to connect to headphone and microphone
7	Type-C Port (PC)	Used to connect computer and the product
8	USB2.0 Ports	Used to connect USB2.0 devices
9/10/11	HDMI Port	Used to connect to HDMI display devices.
12	DC Power Supply Port	Used to charge the product in case it is lack of power to work
13	Gigabit Ethernet Port	Support 10M/100M/1000M network
6	Type-C Port	Used to connect a Type-C charger that supports USB PD 100W Max



Feature instructions

U disk, memory card instructions

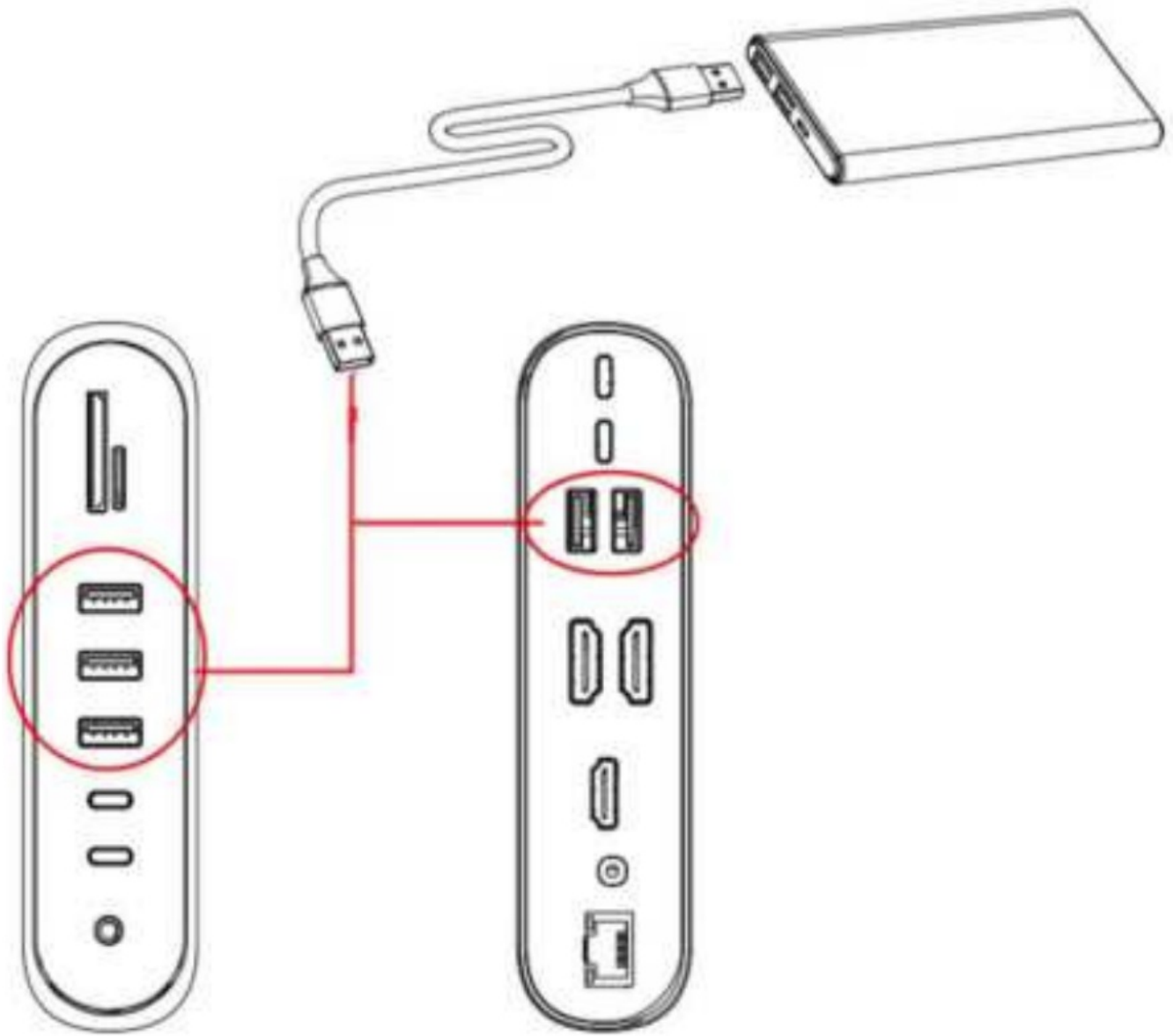
Connect this product to the Type-C socket of the computer through the TYPE C male to male cable, and then insert the USB flash drive or TF/SD card. At this time, the computer will pop up the USB flash drive or the SD card drive letter. Click to enter, you can copy, move, delete files, and so on.



Instructions for using a removable or solid state drive.

Connect this product to the Type-C socket of the computer through the TYPE C male to male cable, and then insert the mobile hard disk or solid state hard disk. At this time, the computer will eject the drive letter of the mobile hard disk or the solid state hard disk (the SD/TF card cannot be used at the same time, the first on which is inserted will be read), click to enter, you can copy, move, delete, etc. the files inside.

- Connect a hard disk and other devices with high power consumption. When it is not possible to connect properly, please connect the charger to the Type-C socket of the product to charge the computer, hard disk and other devices.



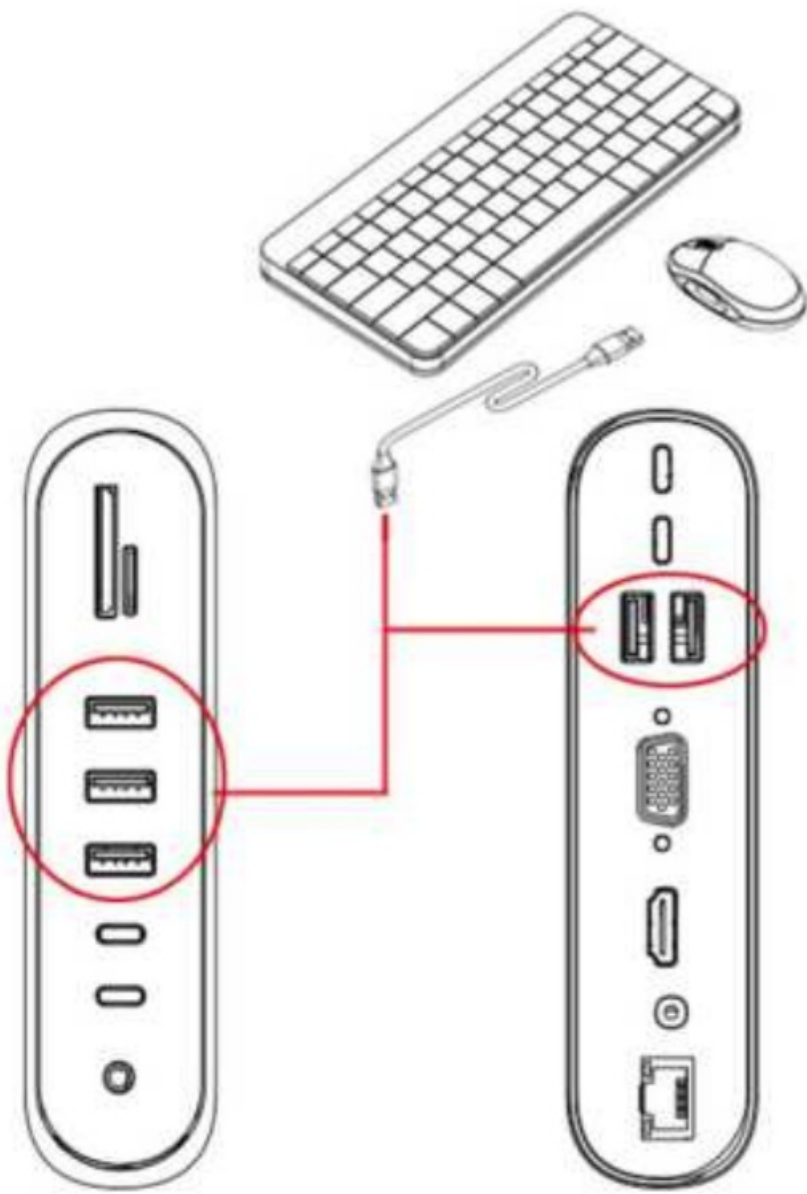
Charging interface instructions

Connect this product to the Type-C socket of the computer through the TYPE C male to male cable, and then connect the Type-C charger of the computer to the Type-C socket of this. At this time, the computer will display the charging identifier, representing the computer.

Note: When plugging or unplugging the USB PD charger, it will cause the storage device to reconnect. Therefore, to avoid data loss when plugging and unplugging the USB PD charger, do not read or write the data of the storage device. After the storage device is reconnected, it can be used normally.

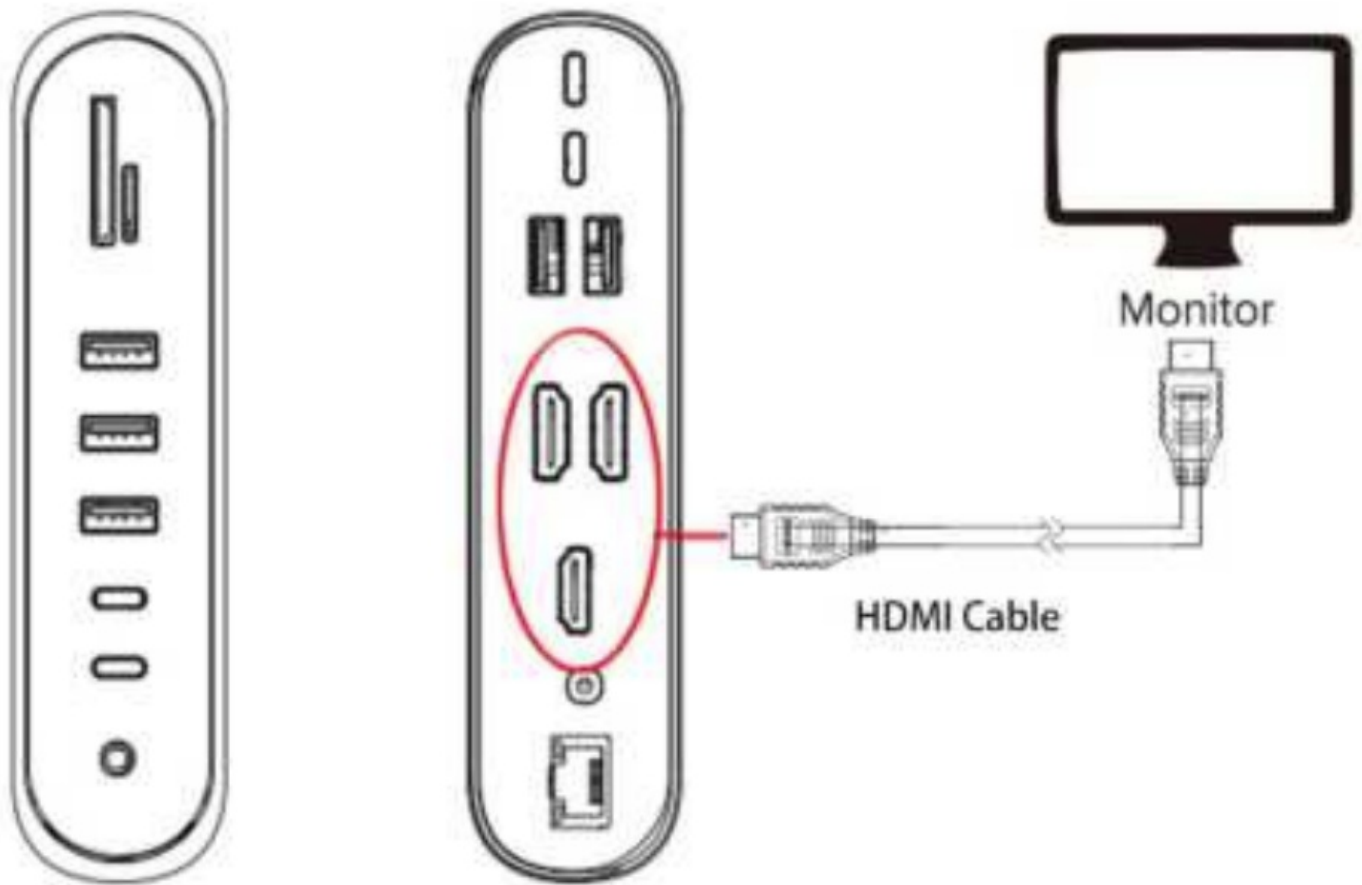
Mouse, keyboard instructions

Connect this product to the Type-C socket of the computer through the TYPE C male to male cable, and then connect the mouse or keyboard to the USB3.0 interface of this to operate with an external mouse or keyboard.



HDMI Instructions

Connect this product to the Type-C socket of the computer through the TYPE C male-to-male cable, and then connect the HD display and this product with HDMI audio and video cables. The system will automatically recognize the display and display the computer screen content synchronously. The display mode has a mirror display and an extended display mode. Please set it in the “Display” setting of Mac OS.



Note

The same screen mode and split screen mode display
When external devices are connected to HDMI ports

1. Supports the same screen mode, that is, the screen contents in the computer and the external display are the same:

Windows system computer with the same screen mode:

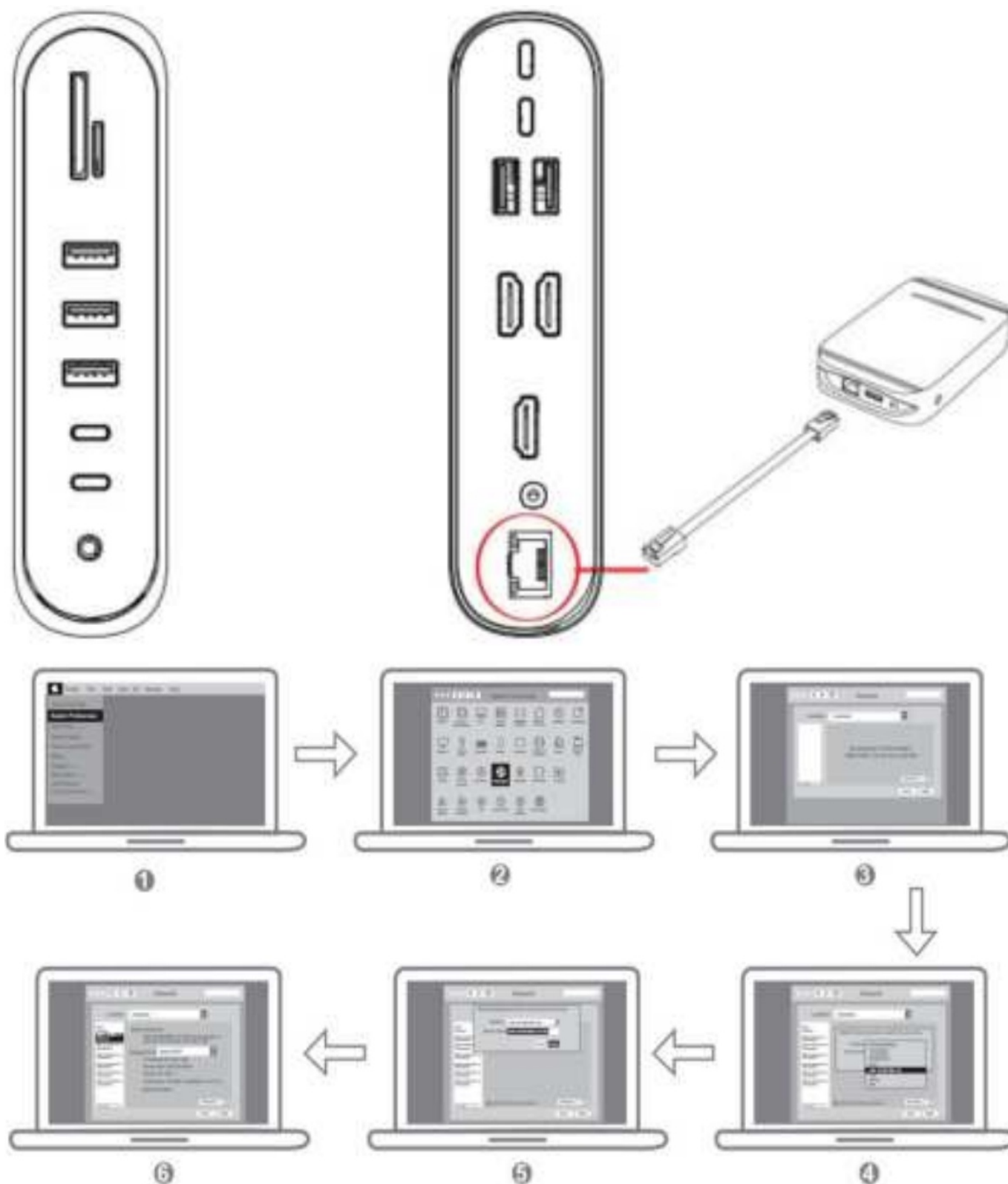
Computer + HDMI	Screen Content: (A+A)
Computer + HDMI + HDMI	Screen Content: (A+A+A)
Computer +HDMI +HDMI+HDMI	Screen Content: (A + A + A+ Black Screen)

Mac OS system computer with the same screen mode:

Computer + HDMI	Screen Content: (A + A)
Computer + HDMI + HDMI	Screen Content: (A+A+ A)
Computer +HDMI +HDMI+HDMI	Screen Content: (A + A + A+ A)
2. It can also support extend mode, that is, the computer and external display are different:	
The extend mode of the windows system computer needs to be set to the extended mode on the computer side:	
Computer +HDMI +HDMI+HDMI	Screen Content: (A +B + C + Black Screen)
The extend mode of the MAC system computer, the computer is set to turn off the mirror mode:	
Computer + HDMI	Screen Content: (A+B)
Computer + HDMI + HDMI	Screen Content: (A+B+B)
Computer +HDMI +HDMI+HDMI	Screen Content: (A+B+B+B)
Computer + HDMI	Screen Content: (A+B)
Computer + HDMI + HDMI	Screen Content: (A+B+C)

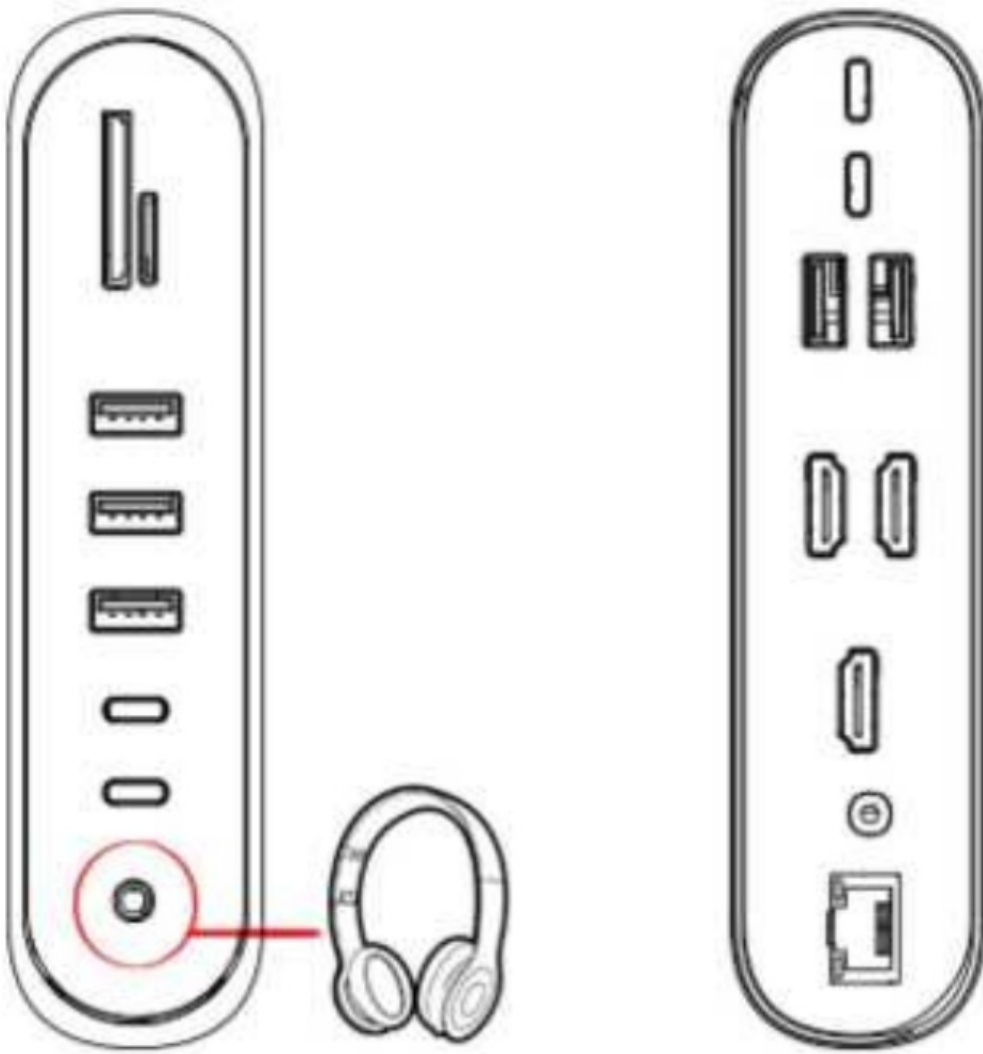
Network port instructions

Connect this product to the Type-C socket of the computer through the TYPE C male-to common cable, and connect the wired network to this product, insert the RJ45 network port plug into the RJ45 network port of the product, and plug and play it on the Windows system computer; The setting steps are: System Preferences → Network → Click “+” to create a new service → select USB 10/100/1000 LAN → Create → Apply (click USB to display USB 10/100/1000 LAN green after the application is connected.), at this time MacBook can access the Internet through the wired network



Stereo port instructions

Connect this product to the Type-C socket of the computer through the TYPE C male-to common cable, connect the device with the stereo interface to this product, and insert the earphone plug into the product audio hole. The steps in the MacBook are as follows: System Preferences → Sound → Select Sound Output Device (built-in speaker: computer sound, Display: monitor/TV sound, USB: headphone sound); in Windows system computer setup steps: computer monitor sound symbol (right click) → Sound (S) → Playback (select steps during playback: Speaker 2-USB pnp Audio Device for headphone sound, Speaker Realtek High Definition Audio for computer audio sound, Intel monitor audio for monitor or TV sound, click when needed The options you need, then click: Device Defaults → Default Device;



Product considerations

1. Do not allow any objects (such as combustibles, needles) or any liquid (such as water, beverages) to fall into or penetrate into the product, resulting in the product not working properly.
2. Do not use or place this product in a wet environment (such as bathroom, washroom); exposed to dusty environments, turbid objects.
3. In the case of not using the device for a long time, the plastic bag of this product should be stored in the package to prevent dust from accumulating, and the socket is oxidized and the socket is not in good contact.
4. When connecting the product's Type-C male port to a Chrome book, the mouse to be connected to the USB 3.0 port will not work immediately, with a delay of a few seconds. This problem can also occur with other similar c-type adapters (including the Apple Original 3-in-1 adapter) when connected to a Chrome book.
5. When the PD adapter is inserted and removed, the connected USB device will be quickly disconnected and then reconnected within a few seconds to prevent data loss or damage. Please avoid disconnecting the PD adapter and AC power when transferring data.
6. Because the new MacBook current output is around 1.2-1.5A, when connect 1 1TB hard disk and U disk or mouse and HDMI synchronous, if the load exceeds 1A, the computer will start self-protection function, it will prompt: USB power consumption Large, disabled, unplug the converter (and turn off the disable icon or reboot) to re-insert, prioritize the PD power supply.

Attachments: Three-screen display operation guide and resolution

Mac OS System

Mirror mode

For convenience of description, the Display mentioned below represents a certain display device, and may be a display device such as a television, a display, a projector, etc.

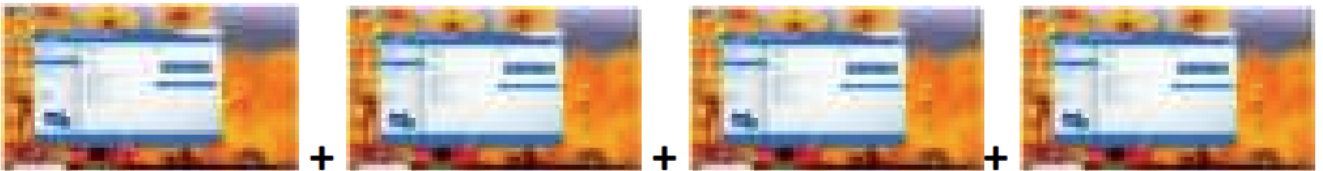
1. computer+Display1 you can set the following modes:



2. computer+Display1+Display2 you can set the following modes:

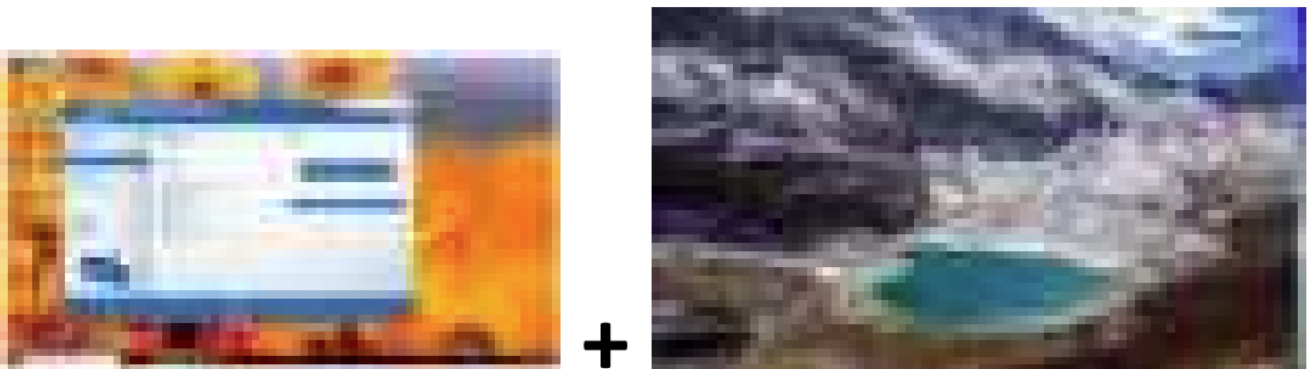


3. computer+Display1+Display2+Display3 you can set the following modes:



Mac split screen mode, turn off mirror mode

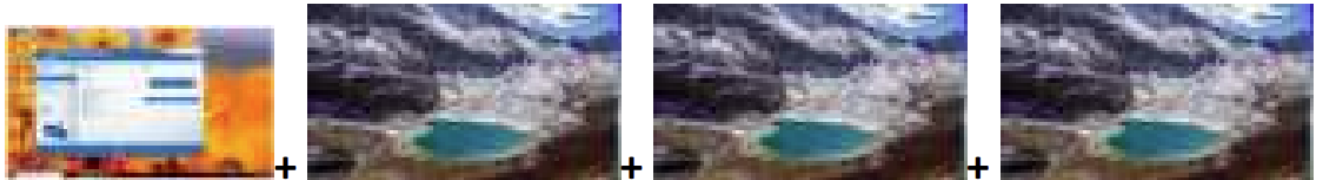
1. Computer + Display 1, you can set the following modes:



2. computer+Display1+Display2 you can set the following modes:



3. computer+Display1+Display2+Display3 you can set the following modes:



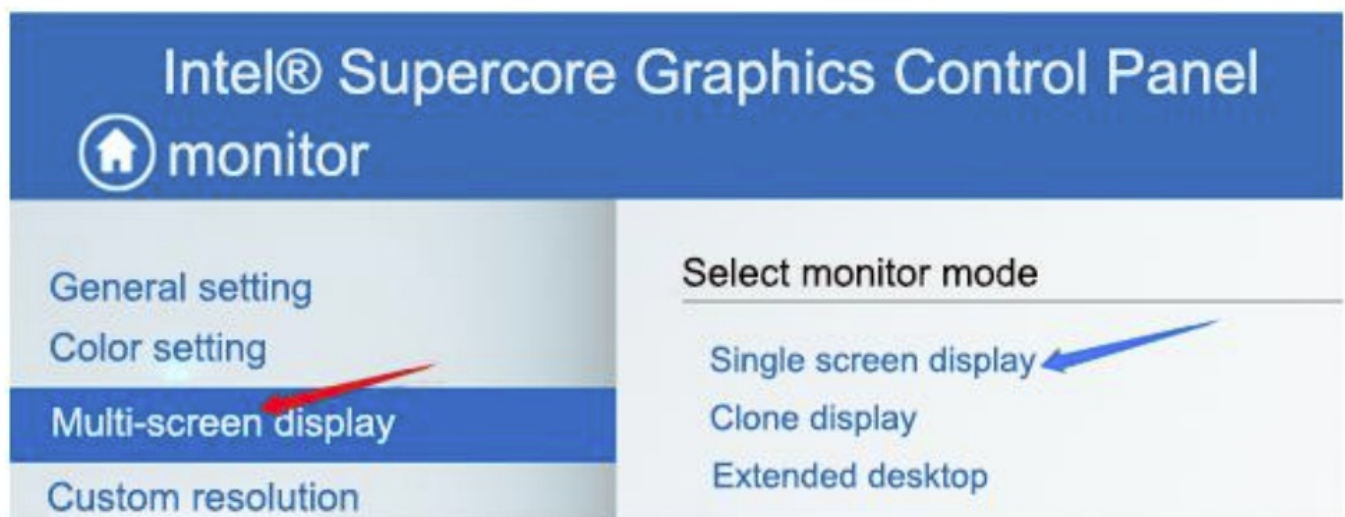
Windows System

Operating instructions for the graphics card

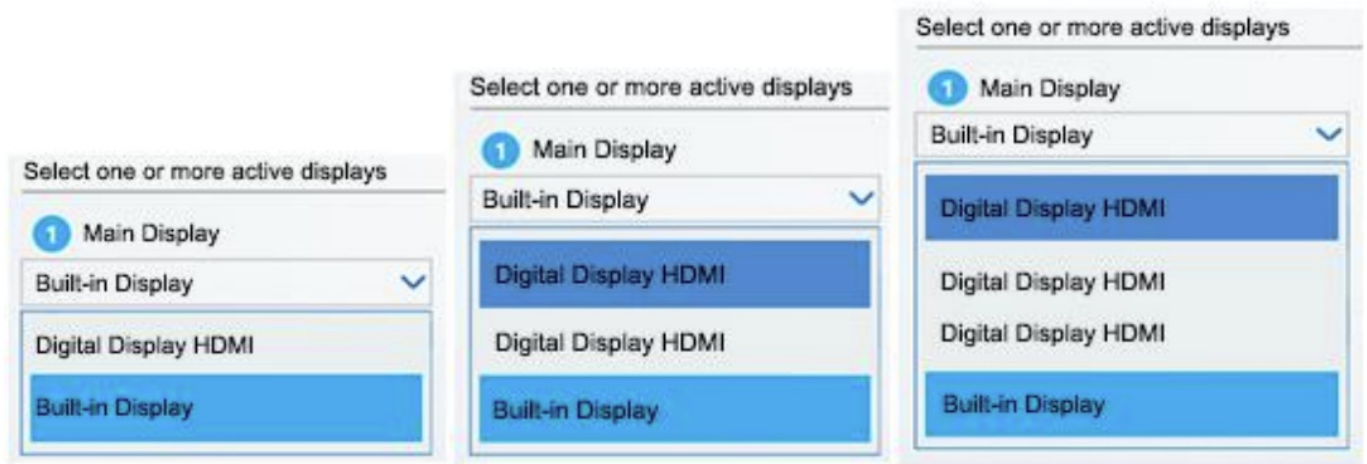
1. INTEL Graphics: Right click on the desktop and click on Intel®Graphics Settings (If you didn't see the above list, please ask a professional man to install the full version of the graphics card driver for your computer.); After clicking Intel®Video Card Settings, enter the Intel®Supercore Graphics Control Panel monitor , click on the multi-screen display, there is a single screen display, clone display, extended desktop.
2. Different graphics cards have different functions, some graphics cards support (mixed display, splicing) and This product is not directly related.

Single screen display

If only one display is displayed, please click “single screen display”, as shown below.



At this time, only one display can be displayed, and the display can be selected as shown below (as shown below: Chose 1 / 2 / 3 display)



Clone display

If you need to display the computer display synchronously on other monitors, please click “Clone Display”, as shown below:



1. Computer+Display1/2/3 you can set the following modes



2. Computer+Display1+Display2/Computer+Display2+Display3/Computer Display1+Display3 you can set the following modes



3. Computer+Display1+Display2+Display3

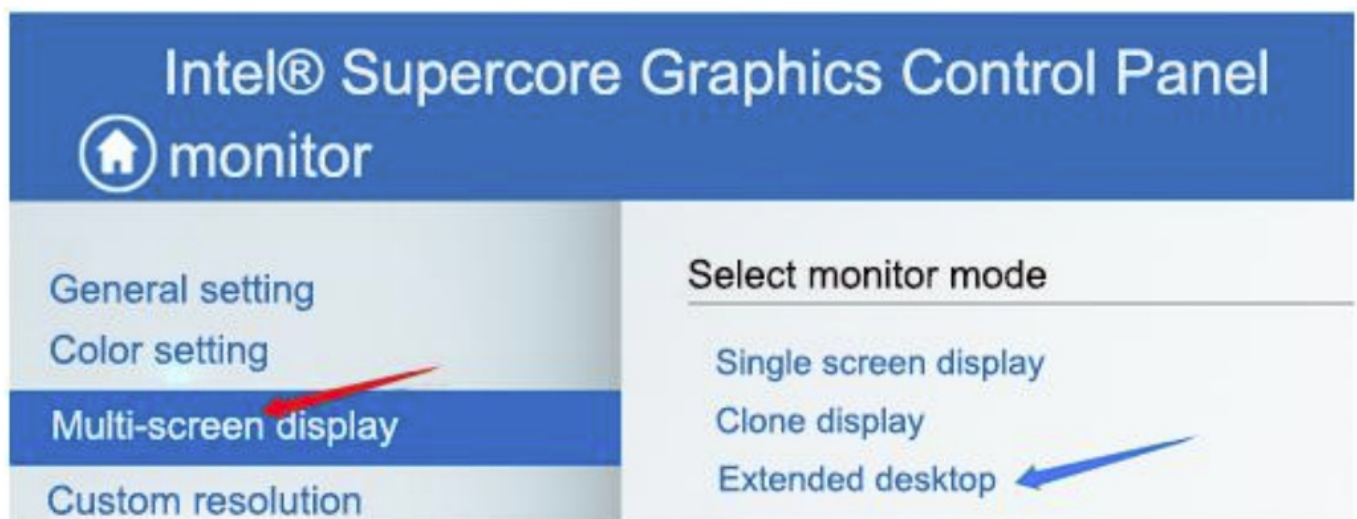
Please note: Since the Intel Control Panel only provides three display data stream outputs, when Computer externally connects 3 displays, it can only display up to 3 screens, and the other screen will have no display, which is black screen.

you can set the following 4 modes

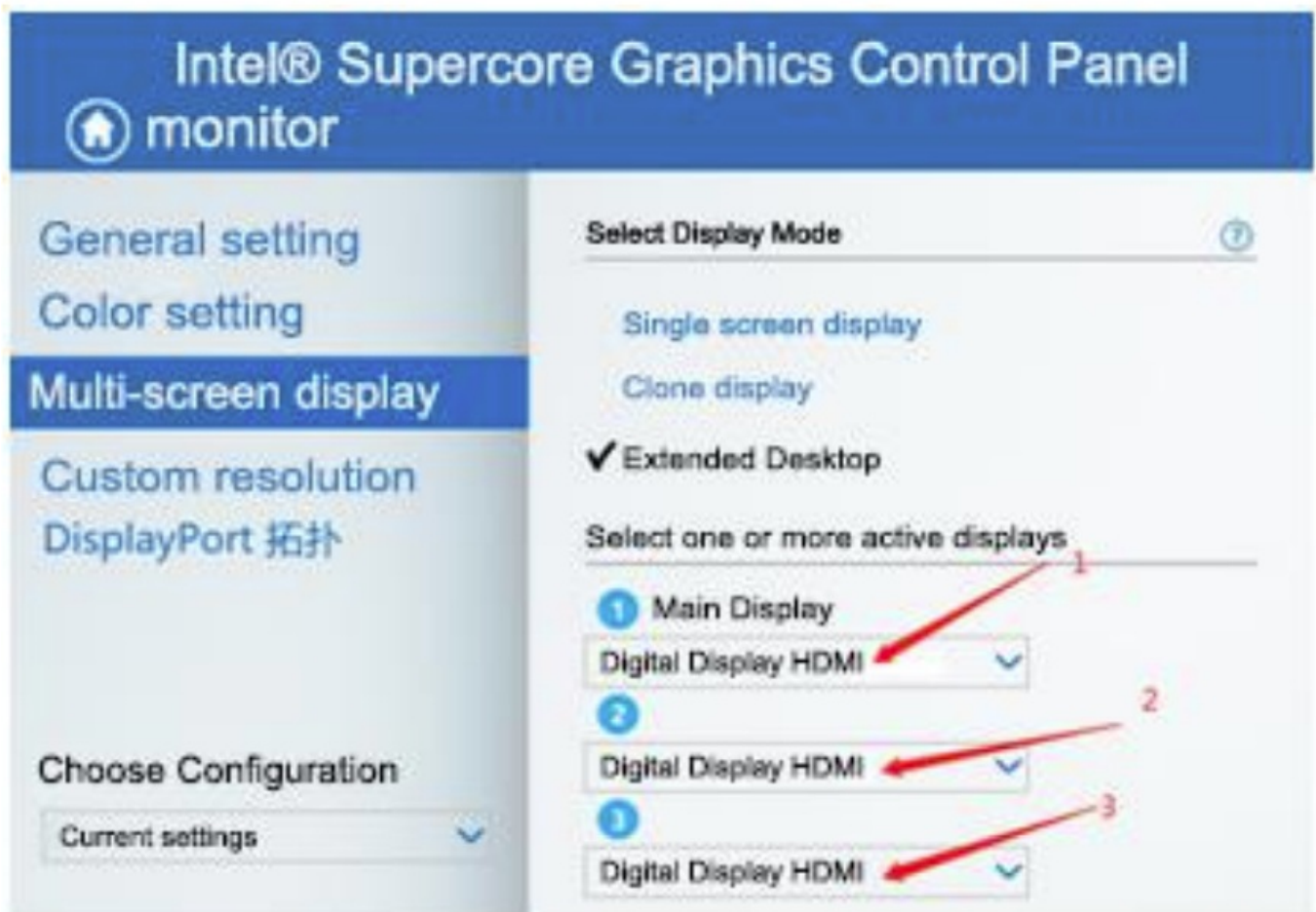


Extend the desktop

If you need to display the connected display as an extended display, display different content separately, please click "Extended Desktop" after multi-screen display.



Since the Intel control panel only provides three display data stream outputs, when three external displays need to be displayed, the three output displays need to be set as external monitors, and the computer will not be displayed. As shown below:



Three displays will be displayed as shown below, the computer display is black at this time;



If any external display is unplugged, the computer will resume display. When the third display is reinserted, the computer will re-detect each display, and sometimes it will need to re-enter the settings panel and re-set it. If the display is not arranged from left to right, swap the HDMI output interface to the HDMI cable, or drag the 1 2 3 sort as shown below to achieve the desired sort.

Arrangement Display



Changing Display Arrangement



Testing

Distinguish

About Resolution

Maximum resolution of Type-C device output supporting DP1.4 and DP1.2 in MST mode

Type-C Devices which supports DP1.4 – MST Mode

Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/30Hz	X	X
2	X	4K/30Hz	X
3	X	X	4K/30Hz
4	4K/30Hz	4K/30Hz	X
5	4K/30Hz	X	4K/30Hz
6	X	4K/30Hz	4K/30Hz
7	1080P	1080P	1080P

Type-C Devices which supports DP1.2 – MST Mode

Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/30Hz	X	X
2	X	4K/30Hz	X
3	X	X	4K/30Hz
4	1080P	1080P	X
5	1080P	X	1080P
6	X	1080P	1080P
7	1080P	1080i	1080i
8	1080i	1080P	1080i
9	1080i	1080i	1080P

Maximum resolution of Type-C device output supporting DP1.4 and DP1.2 in SST mode

Type-C Devices which supports DP1.4 – SST Mode (Windows)

Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/30Hz	X	X
2	X	4K/30Hz	X
3	X	X	4K/30Hz
4	1080P	1080P	X
5	1080P	X	1080P
6	X	1080P	1080P
7	1080P	1080P	1080P

Type-C Devices which supports DP1.2 – SST Mode Windows)


Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/30Hz	X	X
2	X	4K/30Hz	X
3	X	X	4K/30Hz
4	1080P	1080P	X
5	1080P	X	1080P
6	X	1080P	1080P
7	1080P	1080P	1080P

Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/60Hz	X	X
2	X	4K/60Hz	X
3	X	X	4K/30Hz
4	4K/30Hz	4K/30Hz	X
5	4K/30Hz	X	4K/30Hz
6	X	4K/30Hz	4K/30Hz
7	4K/30Hz	4K/30Hz	4K/30Hz

Type-C Devices which supports DP1.2 – SST Mode Mac OS)			
Item	HDMI 1 10	HDMI 2 11	HDMI 3 9
1	4K/30Hz	X	X
2	X	4K/30Hz	X
3	X	X	4K/30Hz
4	4K/30Hz	4K/30Hz	X
5	4K/30Hz	X	4K/30Hz
6	X	4K/30Hz	4K/30Hz
7	4K/30Hz	4K/30Hz	4K/30Hz

- Please do not repair the machine yourself or replace any part (unless otherwise specified in this manual). Please return the repair to your dealer or authorized dealer.

Documents / Resources

	<p>Baseus 16-in-1 USB-PD Type-C Hub Adapter Station [pdf] User Manual 16-in-1 USB-PD Type-C Hub Adapter Station, Type-C Hub Adapter Station, 16-in-1 USB-PD Adapter Station, Adapter Station, Station</p>
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