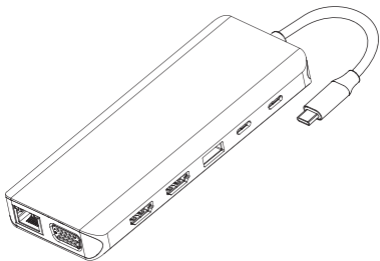# Product Manual

ALL-IN-ONE USB-C HUB WITH TRIPLE DISPLAY



ENGLISH

# Product Introduction

Thank you for purchasing USB C 14 in 1 Adapter. This All-in-one Multifunction USB-C hub offers convenient access to multiple devices on your USB-C Laptop/MacBook. The hub is equipped with Triple Display video outputs. With Dual 4K UltraHD and VGA display simultaneously (2x HDMI & 1x VGA), it allows you to split up the content to Triple display devices when the system supports the function. Extended 14 interfaces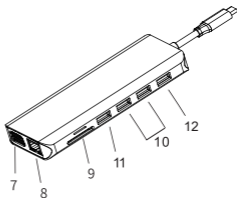: 2x HDMI, 1x VGA, 1x RJ45 Gigabit Ethernet, 1x USB-C PD charging, 1x USB-C data transfer, 2x USB3.0, 2x USB2.0,1xUSB3.1,1x 3.5mm Audio/Mic,1x TF & 1x SD card reader. Simply plug and play to expand your MacBook's capabilities.

# Structure Diagram
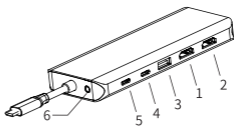
1. HDMI 1
2. HDMI 2
3. USB-A 2.0
4. USB-C 3.1
5. USB-C PD
6. 3.5mm Audio/Mic
7. VGA
8. RJ45 Ethernet
9. SD&TF
10. USB-A 3.0
11. USB-A 2.0
12. USB-A 3.1

## Feature

1. HDMI 1 video output:
   4Kx2K 60Hz / 3840x2160 (work separately while source is DP1.4)
   4Kx2K 30Hz / 3840x2160 (work separately while source is DP1.2)
2. HDMI 2 video output: Up to 4Kx2K 30Hz / 3840x2160 max.
3. 2x USB-A 2.0
   Up to 480Mbps data speed. Design for the connection of 2.4 GHz
   wireless devices, such as wireless keyboards/mouse adapters etc.
4. USB-C 3.1: up to 10Gbps data speed & maximum power
   output 5V/0.9A
5. USB-C PD Charging Port: Power Delivery (PD3.0)
   Up to 100W upstream charging the source devices such as USB-C
   Laptop/MacBook.Please make sure your device support power delivery
   protocol.
6. 3.5mm Audio & Microphone (CTIA Standard)
7. VGA: Up to 1080P 60Hz
8. RJ45 Gigabit Ethernet
   Up to 1000Mbps, stable wired access for high-speed connectivity.
9. SD/TF card reader
   Read: 50-104MB/s; Write: 30-80MB/s;
   Data transfer rates are subject to the speed of the
   memory card itself and your computer's USB port.
10. 2x USB-A 3.0
    Up to 5Gbps data speed & maximum power output 5V/0.9A,
    backwards compatible with USB2.0/USB1.1
11. USB-A 3.1
    Up to 10Gbps data speed & maximum power output 5V/0.9A,
    backwards compatible with USB3.0/USB2.0/USB1.1

## Remarks

1. This product support SST (Single-Stream Transport) & MST
   (Multi-Stream Transport).Note: MacOS does not support MST.
2. HDMI resolution will be 4K @30Hz if two HDMI display simultaneously
3. HDMI resolution will be 1080P @60Hz when Dual or Triple display with
   VGA.

## Connection
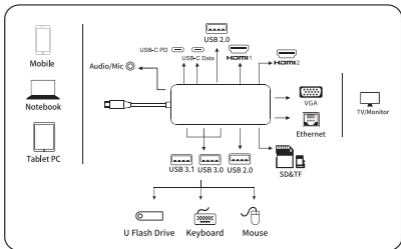
# Graphics Settings for window 10

## 1.Clone mode

Right click desktop > Graphics Settings > Display

| General Settings | Select Display Mode | |
|---|---|---|
| Color Settings | Single Display | 1 2 |
| **Multiple Settings** | ✓ Clone Display | Detect |
| Custom Resolutions | Extended Desktop | |
| DisplayPort Topology | Collage | |
| | Select One or More Active Displays | |
| | Built-in Display ▼ | |
| | HDMI Display ▼ | |
| | VGA Display ▼ | |

1

Source device

1

HDMI Display

1

HDMI Display

1

VGA Display

## 2.Extended Desktop(NOT supported by APPLE)

Right click desktop >Graphics Settings >Display

| General Settings | Select Display Mode | | | | |
| --- | --- | --- | --- | --- | --- |
| Color Settings | Single Display | 1 | 2 | 3 | 4 |
| **Multiple Settings** | Clone Display | | Detect | | |
| | ✓ Extended Desktop | | | | |
| Custom Resolutions | Collage | | | | |
| DisplayPort Topology | | | | | |
| | Select One or More Active Displays | | | | |
| | Built-in Display ▼ | | | | |
| | HDMI Display ▼ | | | | |
| | VGA Display ▼ | | | | |

1

Source device

2

HDMI Display

3

HDMI Display

4
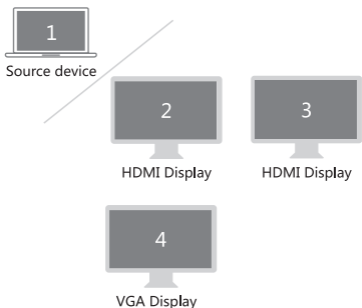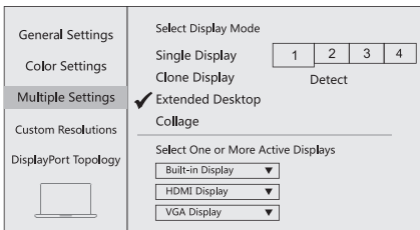
VGA Display

# Graphics Settings for Mac

## 1.Mirror  Display

Apple logo> System Preferences > Displays





Source device

HDMI Display

HDMI Display

VGA Display

# 2.Extend Display

Apple logo > System Preferences > Displays



To rearrange the displays, drag them to the desired position.
To relocate the menu bar, drag it to a different display.

Display  Arrangement  Color  Night Shift

Mirror Displays

Airplay Displays : Off

Show mirroring options in the menu bar when available

Gather windows



1
Source device

2
HDMI Display

2
HDMI Display

2
VGA Display

# FAQ

A. Why is there no video output?

1. Please make sure the USB-C port of your devices (Laptop/Tablet) support Video Output.
2. Please check if the cable is well connected.
3. Please use the standard HDMI cable.
4. Windows computer with Intel graphics card only supports two external monitors at most.

B. Why is there no audio output from HDMI?

1. Please make sure your monitor support Audio output function.
2. Please set the external monitor as default Audio output device.

C. What should I do if the display screen drops after connecting a large current HDD/SSD?
   Please connect your laptop charger/adapter to the USB-C PD charging port of product.

D. Why does the output not reach 4K 60Hz?

1. Please make sure your monitor support 4K 60Hz.
2. Please make sure the video source is 4K 60Hz.
3. Please make sure to use the 2.0 or higher version HDMI cable.
4. Please make sure your computer specification support DP1.4 signal output.

| Computer Model support DP1.4 signal | Remark |
|---|---|
| MacBook Pro 2018（15.4"） | The computers supporting DP1.4 signal output depend on the specifications of computer and graphics card. This product only support 4K 60Hz for these specifications of computers. The output bandwidth of DP1.2 signal is not enough to output 4K 60Hz, only available for 4K 30Hz. |
| MacBook Pro 2019（15.4"） | |
| MacBook Pro 2019（16"） | |
| iPad Pro 2018/2020 | |
| Surface Laptop 3 | |
| Surface Pro 7 | |
| HP ENVY X360 | |
| HP EliteBook 745 G5 | |
| More models will be updated regularly | |