



# Dual Host 4K USB-C KVM MST Docking Station with PD

## User Manual



04-1384A

P/N: CE-DK0111-S1

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## Features

- Support USB 5G speed connection between host and docking station.
- Support USB 5G 5V/0.9A Type-A port x2
- Support USB 5G 5V/1.5A Type-A port x1
- Support USB 5G 5V/1.5A Type-C port x2
- Support MST (DP + HDMI) video output (Refer to MST Video output table)
- Support Ethernet 10/100/1000Mbps
- Support 3.5mm Headset jack
- Switch system via switch button or 3.5mm switch cable
- PC1 charging via extra power charger support 100w max
- PC2 charging via own power adapter support 65w max
- compatible with Thunderbolt3/4 and Type-C host
- Only Windows OS support MST function

## Package contents

- Dual Host 4K USB-C KVM MST Docking Station with PD
- Power adapter DC 20V / 6A
- USB Type-C to Type-C cable x2
- 3.5mm Switch cable
- User Manual

**(Extra power charger for PC1 PD input not include in product package)**

## System requirements

- Host computer system with an available USB Type-C (Thunderbolt 3/4 compatible) Port which supports DP 1.2/1.4 Alt Mode and Power Delivery
- Windows® 10 / 8 .1/ 8 / 7 (32/64 bit)
- Only Windows OS support MST function

## What is USB 3.1 Type-C?

- USB 3.1 Type-C is a new generation connector interface of USB 3.1 standard, that is capable to support for the following:
- USB 3.1 Gen 1 support up to 5 Gbps data transfer rate and USB 3.1 Gen 2 support up to 10Gbps data transfer rate
- Bi-directional power delivery up to 100W, if both the USB host connection and the device support it
- DP Alternate modes, the signal is based on the DisplayPort version to deliver different speeds.

Not all USB-C ports support the full functionality of the USB Type-C standard. For more information, please refer to the information provided by the manufacturers.

## **DP alt mode** (DisplayPort alternative mode)

This docking station supports DP alt mode, which means a DisplayPort video signal can be transferred over a USB-C cable.

Because the docking station supports DP alt mode, so the Alt mode video port can output the video directly via DP alt mode without other driver installs.

## **USB Power Delivery**

This docking station supports USB Power Delivery, which means it delivers up to 100 watts of power to your connected host laptop (your laptop's USB-C port must support power delivery). USB Power Delivery is a specification that allows power to be sent over a USB-C or Thunderbolt 3 cable that supports the specification.

Ensure your USB-C cable can support PD 100W transfer or use the included USB-C cable.

## What is DisplayPort MST? (Multi-Stream Transport)

MST has been a feature of the DisplayPort standard since version 1.2 was released. The key factor of the technology's usefulness for desktop users is that it allows multiple independent displays to be driven from a single DisplayPort output source device.

The combined data requirements of all the displays cannot exceed the limits of the single DisplayPort port that the video source originates from, nor exceed the capabilities of your graphics cards.

### MST Video output table

	DP 1.2 Host	DP 1.4 Host
Signal Display	4K30	4K60
Dual Display	1080p+1080p	4K30+1080p

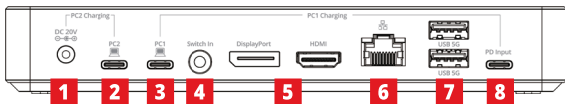
## Front View



- 1. 3.5mm headset jack:**  
connect to headset  
(include audio and microphone)
- 2. USB 5G Type-C port x2:**  
Support USB UASP mode, 5Gbps speed and 5V/1.5A power output.  
connect for USB peripherals
- 3. USB 5G Type-A port:**  
Support USB UASP mode, 5Gbps speed and 5V/1.5A power output.  
connect for USB peripherals
- 4. System indicate LED**  
Show on when system is selected



## Rear View



### 1. **Power jack:**

Connect to the Power Adapter. DC 20V/6A

### 2. **PC2 USB-C host:**

Connect to USB-C port which supports DP Alt Mode and Power Delivery.

#### **PD charging 65W via own power adapter**

(Please use include USB C to C cable)

Not all USB-C ports support the full functionality of the USB Type-C standard.

Ensure that your host USB-C port supports all functions

### 3. **PC1 USB-C host:**

Connect to USB-C port which supports DP Alt Mode and Power Delivery.

#### **PD charging 100W via extra power charger**

(Please use include USB C to C cable)

Not all USB-C ports support the full functionality of the USB Type-C standard.

Ensure that your host USB-C port supports all functions

**4. Switch In:**

Connect to the 3.5mm Switch cable

**5. MST video output**

Connect to HDMI or DisplayPort display  
Resolution up to 3840x2160p@60Hz  
(Refer to MST Video output table)

**6. RJ-45 Gigabit Ethernet port:**

connect to ethernet router or switch  
(Support 1000/100/10 Mbps)

**7. USB 5G Type-A port x2:**

Support USB UASP mode, 5Gbps  
speed and 5V/0.9A power output.  
connect for USB peripherals

**8. PD Input:**

Connect to extra power charger for  
PC1 charging, 100w max.

**(Extra power charger for PC1 PD input  
not include in product package)**

## Switch & Kensington lock



- Short press button can switch between PC1 & PC2
- Long press button more than 5s can turn off Display output and USB connection.

## Q & A

- **Why my laptop can't get 65W charging?**  
It depends on laptop charging spec, not all laptops need 65W input.
- **Why MST video output has no video?**  
Ensure your USB-C host port support DP Alt mode.
- **Why MST only have one video output?**  
Because bandwidth limit. Please refer to the MST Video output table to adjust the video output resolution.

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YOUR PURCHASE**

***~thank you~***

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