DSP-USBC-1000

14-in-1 USBC 8K Docking Station CHD MST

User Manual

Introduction

14-in-1 USBC 8K Docking Station CHD MST, the Pluggable Universal Laptop Docking Station for Windows and Mac allows you to add up to three monitors, and connect your peripherals, all through a single cable back to your laptop.

Video output support SST、 MST mode, and using different monitors to deal with different projects will make your work/life more efficient. Please Note: Mac OS only support mirror mode.

Furthermore, the 14-in-1 USBC 8K Docking Station CHD MST comes with wireless charging 2-Coils Fast Charging - 1.4 times faster than standard wireless charger, built-in two coils offer you much wider charging area.
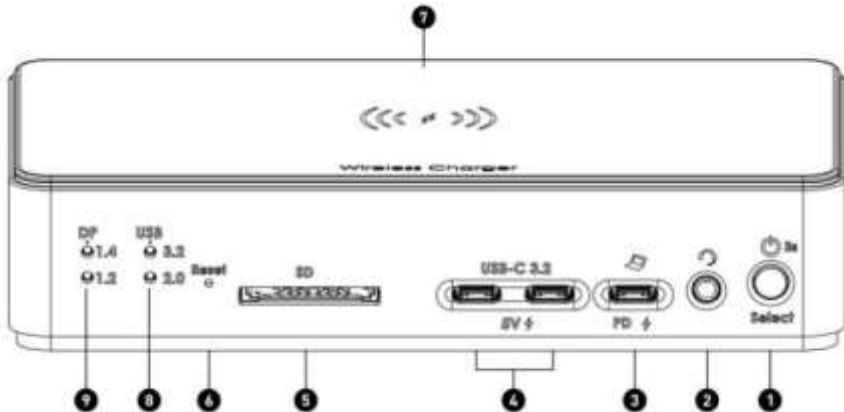
This Quick Charge 2.0 - wireless charging will juice up your compatible device from dead to full in a short amount of time.

Features

- Expand the connectivity of your MacBook Pro, Chromebook, Dell XPS, or other USB-C enabled laptop, Thunderbolt 3/4 port compatible.
- Power Delivery 3.0 100W function can supply power for your laptop.
- Display port Resolution outputs max up to 8K@60Hz, support SST、MST. (Mac OS ONLY support mirror mode.)
- Two USB-C 3.2ports, Two USB-A 3.0/2.0 ports, One Ethernet port up to 1Gbps and One Speaker/Microphone Output.
- Support wireless charging of external devices.
- Color format support YCbCr 4:4:4, 4:2:2 and 4:2:0
- High Dynamic Range (HDR) support

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Product Diagram

Front Panel

❶Select button:
- Long press for 3 seconds to turn on or turn off the power.
- Click the button to switch USB 3.2 max or USB 2.0 max Function.
- Double click button to power on/off for Wireless charging LED.
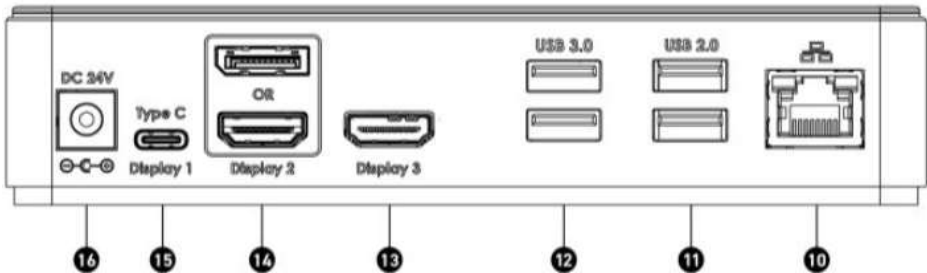
❷3.5mm Audio/Microphone (CTIA Standard)

❸USB-C Host Port:
- Used to connect the Host Computer to the Docking Station.
- Power Delivery 3.0, Provide maximum 100W.
- Compatible Thunderbolt 3/4, USB 4

❹USB-C Device Ports:
- Support data USB 3.2 Gen2 10 Gbps max
- Maximum 5V/2A 10W of power output

❺SD Card Reader 4.0, SD 3.0, 2.0, 1.1, and 1.0 compatibility.

❻Reset: Reset to factory settings

❼Wireless charging:

• Quick Charge 2.0

• Blue light when standby.

• Green light flashes when charging.

• Green light stays on when fully charged.

• The red light flashes when it cannot be charged or there is a metal object in contact.

❽USB 3.2/USB 2.0 indicator light:

• Click the select button to switch between USB3.2 or USB2.0 transmission speed.

• When switching to USB3.2 Max, the maximum speed of USB-C 3.2 (ball number 4) can support up to 10 Gbps

• When switching to USB3.2 Max, the maximum speed of USB-C 3.0 (ball number 11) can support up to 5 Gbps

• When switching to USB2.0 Max, the maximum transmission speed of all USB data supports up to 480Mbps

❾DP1.4/DP1.2 indicator light:

• Can detect the DP signal version of the image input, used to identify the Source device

• DP1.4(DSC) can support up to 8K60Hz images, DP1.2 can support up to 4K60Hz images

Rear Panel

⑩RJ-45 Port:

• Used to connect a Network Device to the Docking Station.

• When switching to USB3.2 Max, the maximum speed up to 10/100/1000 Mbps

• When switching to USB2.0 Max, the maximum speed up to 10/100 Mbps

⑪USB-A Device Ports

• Support data USB 2.0 480 Mpbs max

• Maximum 5V/0.5A 2.5W power output

⑫USB-A Device Ports:

• Support data USB 3.0 5 Gbps max

• Maximum 5V/1A 5W power output

⑬ Display 3" HDMI output Port:

• Using an HDMI Cable to Connect between Docking Station and HDMI Enabled Display Device.

• HDMI 2.1 version

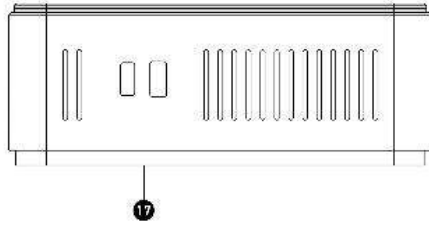• Resolution up to 7680x4320 60Hz

❹Display 2" DP or HDMI output Port:

• Using DP or HDMI Cable Connect between the Docking Station and DP or HDMI Enabled Display Device.

• HDMI 2.1 version

• DP 1.4 version

• Resolution up to 7680x4320 60Hz

※ "Display 2" cannot output synchronously, only 1 port video output can be selected.

❺Display 1" Type-C output Port:

• Using Type-C Cable Connect between the Docking Station and Type-C Enabled Display Device.

• DP 1.4 version

• Resolution up to 7680x4320 60Hz

❻DC 24V Port

• AC 110~240 DC 24V/5.5A 132W

• Connect the Dock to a Power Source, using the Universal Power Adapter.

❶⓿Lock Slot

• Used to secure the Docking Station to secure stationary object.

Specification

Resolution	Triply Port: Up to 4K30Hz
	Dual Port: Up to 4K60Hz
	Single Ports: Up to 8K60Hz
USB-C Input port/PD 3.0	Thunderbolt 3/4 port compatible, with 100 watt power delivery
USB-C 3.2 Gen 2 x2 port	Up to 10G data speed (1 Port BC1.2 Fast-Charge)
USB-A 3.2 Gen1 x2 port	Up to 5G data speed
USB-A 2.0 x2 port	Up to 480Mbps data speed
Speaker/Microphone	3.5mm Phone jack PCM
SD Card Reader	SD 4.0
RJ45 Ethernet port	10/100/1000Mbps
Power	DC 24V 5.5A-132W /Power Delivery (PD3.0) Max 100W