# 1. Product Description

Type-C Connectors described in this Technical Specification, Can be implemented in the Type-C interface, Support the DP-Alt notebook through the HDMI interface output computer display content, Maximum resolution supported: HDMI 4K/60HZ, Downward compatible resolution; You can charge your laptop or mobile phone by type-c port. And also implement a notebook with Type-C interface to USB3.1Ax3 and SD/TF card reader, Meanwhile realize notebook Type-C interface to RJ45, support Type-C interface to 3.5mm Audio, Supports built-in M KEY SSD high-speed storage of massive data.

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| Product Description | This is a USB C dock, support USB C to HDMI, support 3 USB3.1A devices connect together at the same time, support SD/TF Reader function, meanwhile support external PD charger to charge the host computer and Type-C interface to RJ45, support Type-C interface to 3.5mm Audio, supports built-in M KEY SSD (2TB)high-speed storage of massive data. |
| USB-C uplink port*1 | Used to connect to a computer, USB3.1 standard cable, Cable 300 mm in length |
| | Support USB3.1 and down compatible USB3.0/2.0/1.1, up to 10Gbps transfer rate. |
| | When host computer supplying the power, output power is 5V/1.5AMax;When PD charging, output power is 20V/2.75A max |
| USB3.1-A downlink port*3 | Used to extend connections for USB devices, such as U disk / mouse / keyboard / portable hard disk. |
| | Support USB3.1 and down compatible USB3.0/2.0/1.1, up to 10Gbps transfer rate. |
| | Output Power<br>5V/900mA<br>5V/1.5A Max, Type C interface PD 20V power supply) |
| HDMI*2 | For connecting the display by the HDMI cable, output the display content of the computer |
| | Support rebuilding and extended display features function |
| | Maximum supported resolution 3840/2160/60 HZ, Downward Compatible Resolution ,Support MST function (3 display pictures, 2 HDMI different pictures and 1 computer picture; note: Apple computer does not have MST function, WINDOWS system can be changed by WIN key+P ) |
| TF reader *1 | Used for external TF memory cards. USB 3.0 card reader,support SD3.0 |
| SD reader slot x 1 | Used for external SD memory cards, USB3.0 reader,support SD3.0 standard ( SD/TF card can use at the same time) |

| RJ45 interface x 1 | Used to connect to the Internet through a network cable. Support 10/100/1000 BASE-TX Auto MDI/MDI-X, transmission rate :1000 Mbps |
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| 3.5mm Audio x 1 | 3.5mm stereo audio output and MIC input interface, American Standard (CTIA) |
| Downlink USB C interface x 1 | Used for data transfer,Max transfer speed(10Gbps) 20 V/3A (5A Max) input power for power supply and charging host computer |
| LED indicator light x 2 | Power indicator is red,hard disk indicator is blue, Power indicator light is always on ,copy data the indicator is shining. |

## 2. Interface specifications:

Uplink USB-C 3.1(Gen2) port×1
Downlink USB-A 3.1(Gen2) port×3
Audio/Mic port×1
HDMI port×2
RJ45 network port×1
TF card reader port×1
SD card reader port×1
USB C 3.1(Gen2)port×1

## 3. Power adapter support:

29W：output：14.5V/2A(PD)  5.2V/2.4A
45W：output：15V/3A， 12V/3A，5V/2A
65W\100W：output：20V/3.25A(5A Max),15V/3A， 12V/2A，5V/2A

## 4. Product Specification

| | Overall Product Size | |
|---|---|---|
| Complete machine | Weight | |
| | Power consumption | 1.3W |
| | Working temperature | 0° C~ +40° C, |
| | Surface temperature | Working： ≤50C |
| | Audio control chip | SSS1530 |

## 5. Certification requirements

Meet the CCC/FCC/CE/CB safety test standard about USB C docking station