



**USB-C to HDMI 4K@60Hz (4:4:4)  
HDR +USB3.0 (5Gbps) x2  
+PD3.0 (100W) Adapter**

**USER MANUAL**

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## Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

### Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

# Registration page

Please Activate your warranty by registering our product through the link below - [www.orei.com/register](http://www.orei.com/register)

## **Technical Support**

### ***Need Help?***

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

### **OREI Live Technical Support Hours**

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time

**Support Email** - [info@orei.com](mailto:info@orei.com) | **Support Number** - 877-290-5530

Or

### **Chat Live on [www.orei.com](http://www.orei.com)**

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

**Scan the QR code to watch a Video  
of How to Use the product.**



# Introduction

This USB 3.1 Type-C™ to HDMI™ + 2 x USB 3.0 + PD 3.0 adapter 4K@60Hz 4:4:4 lets you output HDMI™ video and audio and connecting two USB 3.0 devices with power deliver function up to PD 3.0 100W from a USB 3.1 Type-C™ device such as a MacBook, MacBook Pro, Lenovo YOGA or ChromeBook Pixel™ Laptop. It lets you utilize the versatile USB 3.1 Type-C™ port on your portable device. USB 3.1 Type-C™ is a reversible connector, so it doesn't matter which way you plug it in, the adapter will always work, saving you the hassle and embarrassment of fiddling with your device when you're trying to deliver a presentation.

The adapter lets you harness the video capabilities built into your USB 3.1 Type-C™ connection, to deliver the astonishing quality of Ultra HD to your 4K display. Plus, the adapter is backward compatible with 1080p displays, which makes it a great accessory for home, office or other workspace applications.

This USB 3.1 Type-C™ video adapter is highly portable with lightweight design, perfect accessory for your MacBook, MacBook Pro, Lenovo YOGA or ChromeBook Pixel™, fitting easily into your laptop bag or carrying case.

Note: Your USB-C™ equipped device must support video to work with this adapter.





# Features

1. Supports UHD video resolutions up to 4K@60Hz 4:4:4 for single display
2. Supports two USB 3.0 port up to 5Gbps data transmission with 5V 0.9A power supply capacity
3. Supports power deliver function up to 100W with PD 3.0 standard
4. Built-in USB Type C cable to be connected directly to your source device
5. Compatible with Thunderbolt 3
6. Compatible with DP1.4 alt mode
7. Compact design with aluminium alloy + ABS
8. Plug and play with no driver or software installation at all

NOTE: if the customer wants to output 4K@60Hz 4:4:4 for this adapter need the notebook's USB-C output has enough bandwidth (compatible the DP 1.4 standard or thunderbolt 3) to meets two lane to transmit the 4K@60Hz 4:4:4 signal, and each lane's bandwidth up to 8.1 Gbps

## Package Contents

Main Unit  
User manual

# Specifications

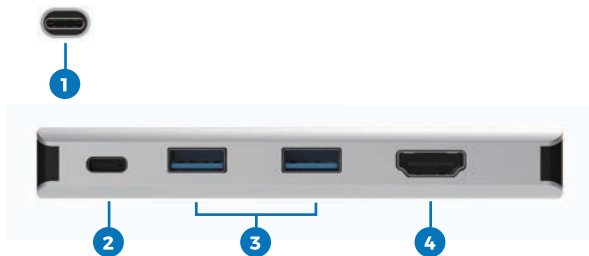
|                              |   |
|------------------------------|---|
| Input Ports                  | USB-C Male, USB-C Female x 1 (PD)               |
| Output Ports                 | HDMI x 1, USB 3.0 x 2                           |
| Data Transmission Rate (Max) | 5Gbps   |
| Data Transmission Standard   | USB 3.0 ( USB 3.1 GEN 1)                        |
| Vertical Frequency Range     | 50/60Hz   |
| Video Amplifier Bandwidth    | 6.0Gbps/600MHz per channel(18Gbps all channels) |
| Interlaced(50&60Hz)          | 480i,576i,1080i                                 |
| Progressive(50&60Hz)         | 480p,576p,720p,1080p,4K@24/30Hz,4K@50/60Hz      |
| Limited Warranty             | 1 Year Parts and Labor                          |
| Operating Temperature        | 0°C to 60°C                                     |
| Storage Humidity             | 5% to 90% RH non-condensation                   |
| Power Supply                 | N/A   |
| Power Consumption (Max)      | 5W  |
| Unit Cert                    | FCC, CE, RoHS                                   |
| Dimension(LxWxH)             | 116.5x47x16mm                                   |
| Net Weight                   | 80g   |
| Material                     | Aluminium Alloy + ABS                           |
| User Manual                  | English Version                                 |

Note: Specifications are subject to change without notice.

# Troubleshooting

| Problems  | Causes   | Solutions  |
|---|--|--|
| No picture output   | Maybe the resolution is beyond the display supports or cable connection is not fitting well          | Please change the notebook output resolution to a lower resolution and check the cable connection condition    |
| Can't get the 4K@60Hz 4:4:4 resolution  | Maybe the output display is a 4K@30Hz display or the notebook's USB-C output bandwidth is not enough | Please change to a newer 4K60 HDR TV or change a notebook compatible with the DP 1.4 standard or thunderbolt 3 |
| Can't compatible with the high capacity hard disk drive or other high power consumption devices when PD plug in | Maybe the needed power is beyond the limited of the USB 3.0 port                                     | Please add another power supply for the high capacity hard disk drive or other high power consumption devices  |

# Operation controls and functions



- 1 USB-C Male:** Connect to the USB-C Enable Laptop/Notebook with Audio Video Output
- 2 PD:** USB-C Power Deliver Port for Charging the connected laptop or devices
- 3 USB 3.0:** USB port to connect the USB 3.0 standard device
- 4 HDMI:** HDMI Output port to connect the display

# Connection Diagram





**HDMI**<sup>™</sup>  
HIGH-DEFINITION MULTIMEDIA INTERFACE

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