

# **User Manual**

**Ver. 1.00**

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# Chapter 1: Introduction

## ***1.1 Product Introduction***

This USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter connects a 4K TV, monitor, or projector to your computer system. The adapter adds Ultra 4K video support to your computer system through an available USB 3.0 port. It supports a resolution up to 3840 x 2160. It is Windows and Mac compatible.

## ***1.2 Features***

- An ideal solution for expanding the connectivity of MacBook or USB-C enabled host machine
- Highest performance USB graphics solution available. Combines both video and audio over a single USB cable and DisplayPort cable
- Connect multiple monitors with resolution as high as 3840x2160 (4K) to Windows-based laptops and desktops
- Connects to Windows PCs via SuperSpeed USB 3.0. USB bus

power (no power adapter required). Adapter is backwards compatible with USB 2.0, but in most cases performance above 1080P over USB 2.0 will be unsatisfactory

- Supports DisplayPort displays up to 3840x2160@30Hz. 3440x1440 displays will refresh at 50Hz. 2560X1600, 2560x1440, 1920x1080 (1080P) and all lower modes will refresh at 60Hz

### ***1.3 System Requirements***

- Windows® 7/8/8.1/10 (32/64 bit); Mac OS X 10.8 or above
- Available USB Type-C port

### ***1.4 Package Contents***

- 1 x USB 3.1 Gen Type-C to DisplayPort 4K Adapter
- 1 x User Manual
- 1 x Driver CD

# Chapter 2: Getting Started

## ***2.1 Driver Installation***

The following section shows you how to install the USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter driver on different operating systems.

**Important!** Please connect the USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter to your PC before the install.

### 2.1.1 Installation for Windows

1. Insert the provided CD into your disk drive. The CD-ROM will start automatically. The following screen will show up and please click “**Install Driver**”.



\*Note: Actual image may vary

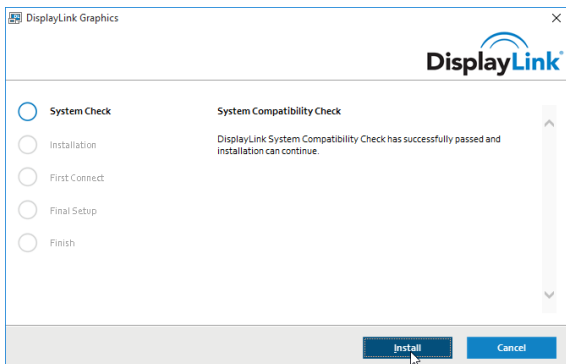
**Note:** If the install program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

2. Please click "USB 3.0 4K DP/HDMI"

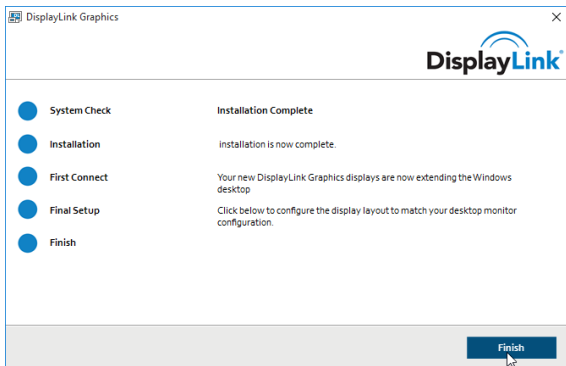


\*Note: Actual image may vary

3. Please click “**Install**” to continue.



4. Click “Finish” to end of the driver installation steps.

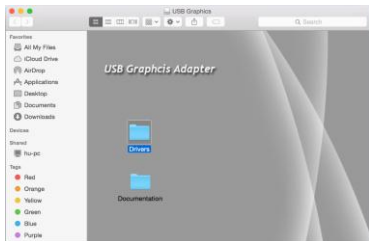


**Note:** On some machines, you may need to reboot before you can use USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter.

## 2.1.2 Installation for Mac OS X

1. Insert the provided CD into your CD-ROM drive.
2. Double-click the “**USB Graphics**” disc icon, double-click package file “**mac.dmg**”, the following “**USB Graphics**” virtual disk will be appeared on the desktop of your Mac OS X system. Then double click “**Drivers**” folder.





3. Double Click **“USB 3.0 4K DP/HDMI Adapter”** folder.



4. Select **“DisplayLink Software Installer”** to begin installing the DisplayLink Driver on your Mac.



5. Follow the instructions on screen to install the driver. After driver installation is complete, you must restart your computer.

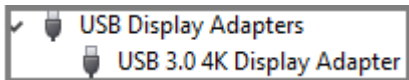
## ***2.2 Verifying the installation***

### **2.2.1 Verifying for Windows**

1. Click on the “**Device Manager**” tab in the Windows Control Panel.

**Start > Control Panel > Device Manager**

2. In the **USB Display Adapters** group, an item named **USB 3.0 4K Display Adapter** should be displayed.



Note: If there is a question or exclamation mark next to that item, then the driver is not properly installed. Please delete the item, select the **Delete the driver software for this device** option (if provided), unplug the USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter from your computer and then repeat the installation steps.

## 2.2.2 Verifying for Mac OS X

1. Choose **About this Mac** from the Apple menu.
2. Click on **System Report...**
3. In the Contents sidebar select **USB** from the **Hardware** section.
4. Scroll the list to reveal the **USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter** information

Card Reader  
Diagnostics  
Disc Burning  
Ethernet Cards  
Fibre Channel  
FireWire  
Graphics/Displays  
Hardware RAID  
Memory  
NVMeExpress  
PCI  
Parallel SCSI  
Power  
Printers  
SAS  
SATA/SATA Express  
SPI  
Storage  
Thunderbolt  
USB

#### USB Device Tree

▼ USB 3.0 Hi-Speed Bus  
    Apple Internal Keyboard / Trackpad  
    ▼ BRCM20702 Hub  
        Bluetooth USB Host Controller  
▼ USB 3.0 SuperSpeed Bus  
    **USB 3.0 4K Display Adapter**

#### USB 3.0 4K Display Adapter:

Product ID:	0x4300
Vendor ID:	0x17e9 (DisplayLink (UK) Ltd.)
Version:	19.57
Serial Number:	SUNR368100074
Speed:	Up to 5 Gb/sec
Manufacturer:	DisplayLink
Location ID:	0x15100000 / 5
Current Available (mA):	900
Current Required (mA):	504

## 2.3 Display Configuration

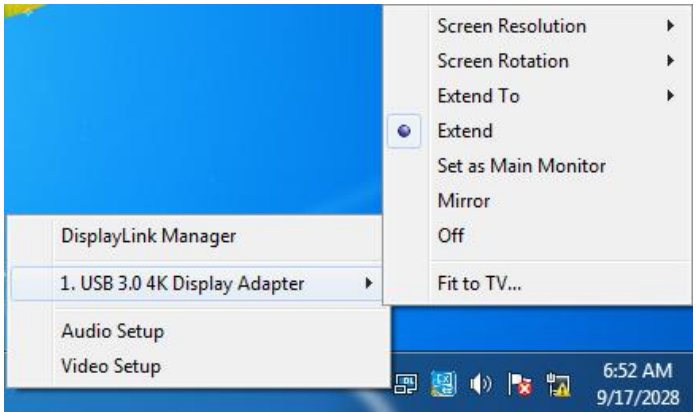
When USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter is attached, an icon appears in the taskbar. This gives you access to the DisplayLink manager menu.

To use the DisplayLink Manager Menu

1. From the taskbar, click the DisplayLink icon



2. A menu appears with several options. These are shown and described below.



- **Screen Resolution:** Click to select an available resolution. Note: This function is disabled in mirror mode, as the resolution is defined by the resolution of the primary monitor
- **Screen Rotation:** Rotates the screen according to the desired orientation
- **Extend to:** Extends the screen according to the desired orientation
- **Extend:** This is the default settings of the USB 3.1 Gen1 Type-C

to DisplayPort 4K Adapter. This mode extends your desktop for easy viewing of multiple windows. The window will move off the primary display from the right side and enter the extended display from the left side

- **Set as Main Monitor:** Sets the extended screen as the main screen
- **Mirror:** Duplicates the primary monitor to the monitor which connects with the USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter
- **Off:** Turns off the USB 3.1 Gen1 Type-C to DisplayPort 4K Adapter
- **Fit to TV:** Adjusts the size of the desktop on the TV. Note: This function works only when one display is connected
- **Audio Setup:** Opens the Windows Audio Configuration window
- **Video Setup:** Opens the Windows Display Settings window