



# USB C PD Docking Station w/Multi-Port USB 3.1 Hub

Gearmo  
Version 1.0  
November 2017  
Model # GM-UC31MPDOC



## Product Manual

[www.gearmo.com](http://www.gearmo.com)

## REVISION HISTORY

Revision	Date	Author	Comments
1.0	11/20/2017	Gearmo	Gearmo Manual

## ABOUT THIS DOCUMENT

This product manual outlines installation and features of the GM-UC31MPDOC USB C PD Docking Station w/Multi-Port USB 3.1 Hub & Display.

## SCOPE

The scope of this manual is to give the user of the product an understanding of its use with detailed diagrams and verbiage. The manual allows the users to apply the product to their application.

## INTENDED AUDIENCE

This product is intended for use in home or office applications where multiple connections and data sources are needed.

## PRODUCT SUPPORT

[support@gearmo.com](mailto:support@gearmo.com)

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## 1. INTRODUCTION

This USB-C docking with its multiple ports, allows you to connect a host PC to a monitor or device with Mini DisplayPort, HDMI, VGA and 3 USB 3.0 ports that function as a USB hub.. It also allows your host PC to access fast network with its Gigabit Ethernet port. The USB-C female port can provide charging for the host computer. Use this docking station to display video from HDMI, VGA, or mini DisplayPort. Read and transfer data from SDMMC and Micro TF/SD card slots and more.

WEIGHT	313g
UPC	045079159815
WARRANTY	1 year from date of purchase
COLOR	Silver
PORTS	HDMI Female x1, Mini DP Female x1, VGA Female x1, USB-C Female x1, USB 3.0 Female x3, RJ45 X1, 3.5mm Stereo/mic, x1, SD card slot x1, Micro SD card slot x1, USB-C Female x1 for charging

### 1.1 Features

- Supports USB-C input, USB3.0 Output
- Supports HDMI Female, Mini DisplayPort Female, VGA Female, USB-C Female, USB 3.0 Female, Gigabit Ethernet, 3.5mm Stereo/Mic, SD Card, Micro DS Card, USB-C interface
- Supports HDMI resolution up to 4kx2k@30Hz
- Supports Mini DisplayPort resolution up to 4KX2K@30Hz
- Supports VGA resolution up to 1920x1200@60Hz
- The total output of the 3 USB-A is 10W, 1 port supports BC 1.2
- Supports 10/100/1000Mbps bandwidth
- Stereo port supports both microphone and headphone
- USB-C female charging port for Macbook or Google new Chromebook Pixel and other USB-C supported devices.
- USB-C interface supports plug and play, hot swap
- Supports SD/SDHC/SDXC
- Supports Multimedia (MMC) specification
- Supports Micro SD/SDHC/SDXC (up to 128 GB)

### 1.2 Specifications

<b>Input/Output Connector</b>	
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Input	USB-C Male x1
Output	HDMI Female x1 Mini DP Female x1 VGA Female x1 USB-C Female x1 USB 3.0 Female x3 RJ45 X1 3.5mm Stereo/Mic x1 SD card slot x1 Micro SD card slot x1
<b>Physical</b>	
<b>Weigh</b>	313g
<b>Size</b>	279x72x14mm
<b>Warranty</b>	
Limited Warranty	1 Year
<b>Environmental</b>	
Operating Temperature	0°C to +45°C
Operating Humidity	10% to 90 % RH (no condensation)
Storage Temperature	-10°C to +70°C
Storage Humidity	10% to 90 % RH (no condensation)
<b>Power Supply</b>	
USB-C PD Charging Port	60W(20V/3A)
USB-A Port X3	Total output: 10W One port supports BC 1.2
<b>Regulatory Approvals</b>	
Certifications	FCC,CE
<b>Accessory Adapter</b>	
User Manual	English Version

### 1.3 Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit x1
- User Manual x1

### 1.4 Operation

- 1) Connect the USB-C male port of this product to host device
- 2) Connect the three USB3.0 ports to three USB devices
- 3) Connect the Mini DisplayPort cable to the docking station and to the Display
- 4) Connect the HDMI port to HD display with one HDMI Cable

- 5) Connect the VGA port to HD display with one VGA Cable
- 6) Connect Gigabit Ethernet port of this product to Ethernet Router with an Ethernet cable
- 7) Connect the earphone or headset with mic to the 3.5mm Stereo/mic jack
- 8) Insert Micro SD and SD/MMC cards into the card reader ports
- 9) Connect power to the Type-C charging port, it can charge a Type-C device while using other dock ports simultaneously.

## 1.5 Notes, Tips, Warnings, & Safety

<b>Note</b>	<p>When connecting the USB-C male port of the adapter to Chromebook, the mouse to be connected to the USB 3.0 port will not work immediately, it will have a slight delay. This is an issue that also occurs in other similar Type-C adapters (including Apple original 3 in 1 Adapter) when connected to Chromebook.</p> <p>When connecting/disconnecting the PD Adapter, the connected USB devices will get disconnected momentarily and then reconnect in a few seconds, so to prevent possible data loss or corruption, avoid disconnecting the PD Adapter from AC power while transferring data.</p>
<b>Tip</b>	The 3 video ports will not work simultaneously. It is advised to use one video port at a time to guarantee the normal operation of this product.
<b>Warning</b>	N/A
<b>Safety</b>	N/A

## 2. PORT ILLUSTRATION

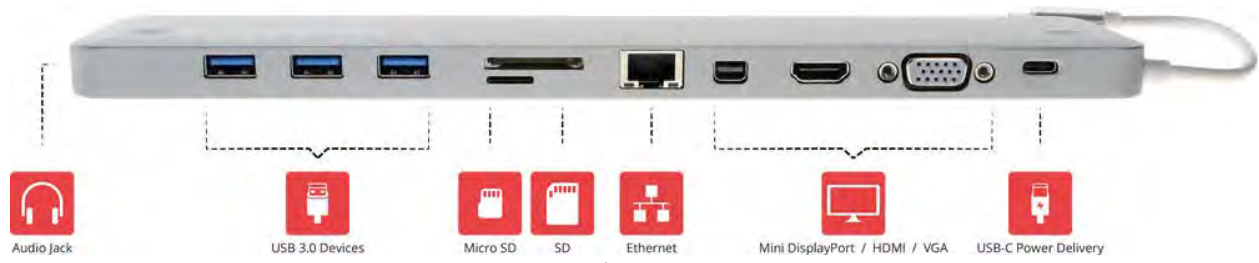


Figure 1