



**seeed** studio  
**The IoT Hardware Enabler**



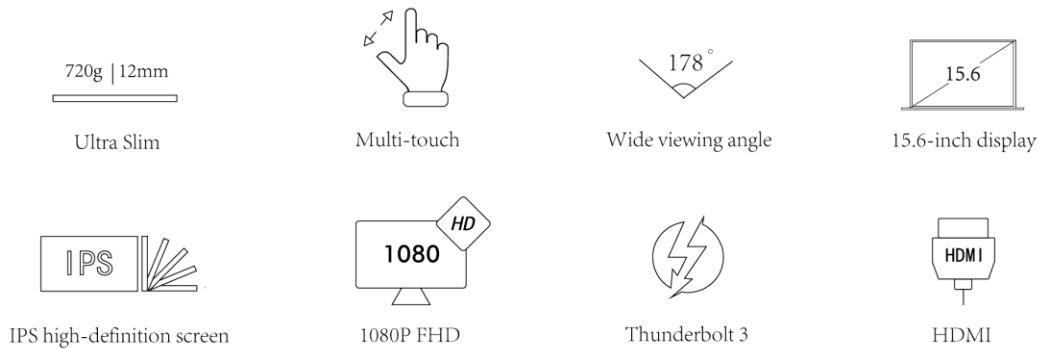
15.6 Inch 1920\*1080 Full HD IPS Touch Screen Portable Monitor is a high quality but cost-effective multifunction monitor. This display has an excellent visual experience, supports 1080P FHD @85Hz, and has a wide viewing range of 178 degrees, 400cd/m<sup>2</sup> brightness LED backlight, and 1000:1 contrast ratio. Meanwhile, it's also ultra-thin and ultra-light, the thickness is only 12mm and the weight is only 720g, which makes it portable and suitable for a variety of scenarios. With the help of a full-featured USB Type C port, it can work with your phone, laptop, game consoles, etc.

This monitor has a rich interface. 1x 3.5mm headphone jack to output audio for speaker or headphone. 1x USB type C power port to supply power. 1x Mini HDMI, 1x Mini DP, to output the 1080P video. On top that, there is a full-featured Type C which supports DP Altmode(DisplayPort Alternate Mode), PD(USB Power Delivery) &Data all over one port, which means only one cable to achieve video output, power supply, and touch control. What convenience!

This monitor supports multiple devices. Thanks to multiple video input interfaces, the display supports notebooks, mobile phones, Raspberry Pi/BeagleBone and other SBC, PS4/Xbox/Nintendo Switch and other game consoles. All in all, it can works with most devices with HDMI or DP port. However, it's important to note that if you are using a type C device, you need to make sure your phone or computer supports the Thunderbolt 3 interface protocol or the USB 3.1 gen2 protocol. You can also click the List of devices with video output over USB-C to check whether your phone or laptop support type C video output or not.

This monitor supports multiple platforms, truly plug and play, no need to install drivers. It supports WIN10/WIN8/WIN7, MAC OS, Linux, Debian, etc.

## Features

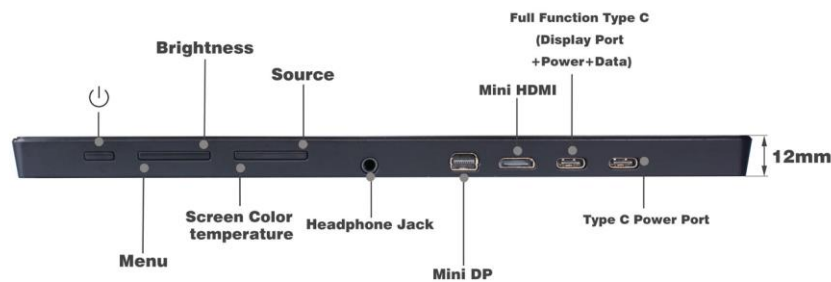


- 1920x1080 1080P Full HD@85Hz
- Multi-touch
- Multi-interface: 1x 3.5mm headphone jack/1x USB type C power port to supply power/1x Mini HDMI/1x Mini DP/1x full-featured Type C
- High speed full-featured USB Type C (support Thunderbolt 3 and USB 3.1 gen2 )
- Wide viewing range: 178 degrees
- Ultra-thin and ultra-light: 720g and 12mm
- Cost-effective: Usually, the price of a Full HD IPS Touch Screen Portable Monitor will exceed \$200 to \$300, and the price of this monitor is almost half.

## Applications

- Computer external monitor: Windows laptop, mac
- Game console external monitor: PS4/Xbox/Nintendo Switch and other game consoles
- SBC(single board computer) external display: Raspberry/Beaglebone/etc.

## Overview



### Monitor Connection Options

1. Connect the headphone (or speaker) to headphone jack
2. Connect the HD input port (Type-C, Mini-HDMI or Mini DP) to the HD output device (such as Phone, Laptop and Game console etc.)
3. If you use the Mini HDMI or Mini DP interface to input video signals, you need to use the Type C(Power) interface to supply power; if you use the Type C(DP+PD) interface to input video signals, you do not need to use the C interface to supply power, because the Type C(DP+PD) interface can supply power and display at the same time.
4. If you use the Type C(DP+PD) interface to input video signals, the touch function will be available, only one cable; if you use the Mini HDMI or Mini DP interface to input video signals, you also need to use the Type C(DP+PD) interface to enable the touch function, you need two cables.

### Buttons

#### Power Button:

Press to turn on/off monitor.

#### Menu Button:

Press to enter the menu interface for more setting details.

#### Brightness Button:

Press to enter the brightness adjust interface.

#### Screen Color Temperature Button:

Press to switch screen color temperature.

#### Source Button:

Press to switch video input source.

## Specification

Parameter	Value
Screen Size	15.6 inch
Resolution	1920*1080 Full HD
Panel Type	IPS
Aspect Ratio	16:9
Refresh Rate	85 Hz
Backlight Brightness	400 cd/m2
Viewing Angle	178 degree
Contrast Ratio	1000:1
Video Input Port	1*Mini DP/ 1*Mini HDMI / 1*Type C(support Thunderbolt 3 and USB3.1 gen2)
Audio Output Port	3.5mm headphone jack
Monitor Thickness	12mm
Monitor Size	375mm * 230mm *12 mm
Monitor Weight	720g
Shell Material	Plastic
Supply Voltage	5V/1.5A (USB Type C)
Certification	FCC

## Partlist



- 15.6 inch IPS 1080p touch monitor \*1
- Type C to Type C cable \*1
- Type C to USB Type A cable \*1
- HDMI to Mini-HDMI Connecting Cable \*1
- 5V/1.5A Power Adapter \*1
- Instruction manual \*1

