5-Inch-800x480-Capacity-Touch-Screen SKU: EP-0081

Contents

5 Inch 800x480 Capacitive Touch Screen

Description

This is our brand new product, it is a fantastic HDMI monitor with capacitive touch screen and driver free.
It's been tested on Raspberry Pi, beagle bone black, windows 10 and Mac book pro.
And it works well on those platform and it really plug and play, all you need to do is to adjust the resolution(on RaspberryPi).

It supports 800x480 resolution and you may find that the pictures are more bright when you are using this display.
The capacitive touch function give the user full control over any device.
It's driver free for your device due to built-in EDID device information, it is very easy to let the equipment correctly identified the touch screen.
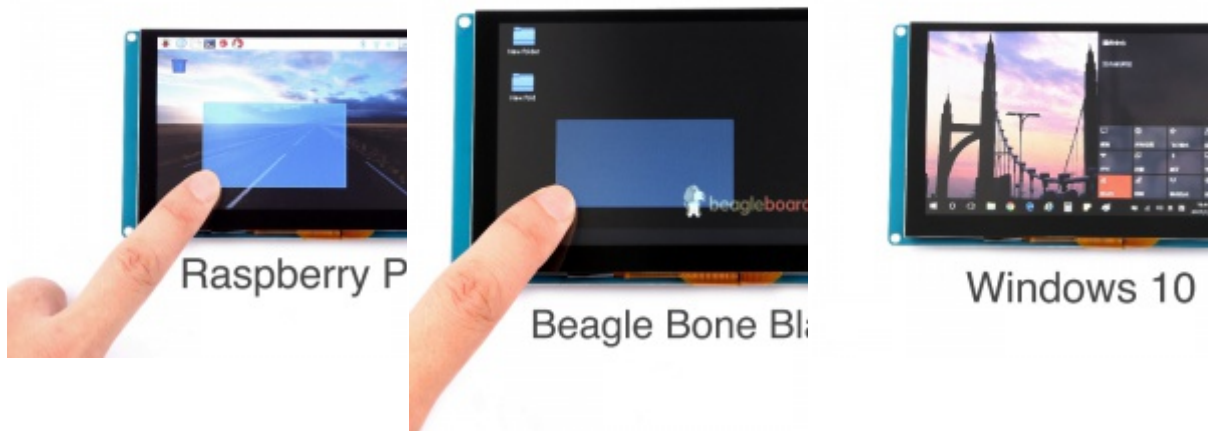And the Capacitive USB touch screen can support functions of the right mouse button and drag and drop,
and also support multipoint touch, maximum 10 points.(only test in windows 10)

For use with a Raspberry Pi we suggest editing config.txt to set the HDMI to the native 800x480 in case it doesn't detect the resolution properly.
The easiest way to edit the config.txt is to put the Pi TF card into an every day computer and edit config.txt with any text editor and save.

Galley

Raspberry P

Beagle Bone Bl

Windows 10

Feature

- Resolution up to 800 x 480
- USB Capacitive touch control
- Free-driver, Plug and Play
- Supports Raspbian, Ubuntu Mate, NOOBS with RaspberryPi
- Supports Debian, Angstrom with BeagleBone
- Supports Windows / Ubuntu / Mac with PC
- Supports Intel-Processor Base MiniPC
- ULP (Ultra Low Power) consumption backlight
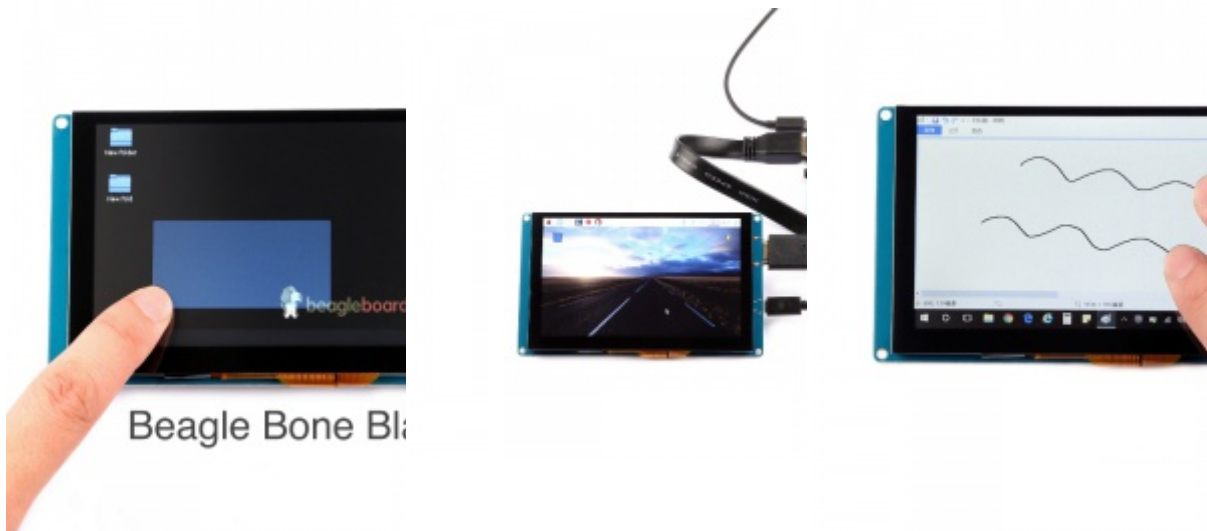
Parameters

- Power: 5V Power via USB Micro
- Current: Max 400mA
- Display Type: 5 inch TFT LCD
- Resolution: 800x480
- Touchscreen: USB capacitive
- Touch points: 10 points maximum
- Interface: HDMI & USB 2.0 Full Speed
- Dimensions: 133mm x 79mm x 13mm
- Weight without package: 130g
- Weight with package: 180g
- Temperature range : ??

Package includes:

- 1 x 5 Inch Capacitive HDMI Display

Applications

Beagle Bone Bla

Mechanical Design Drawing

2.67mm

20.83mm

HDMI

USB

27.30mm

78.74mm

132.84mm

How to adjust the resolution of the screen

- How to set resolution in Raspberry Pi?
  - 1. Download Raspbian image and burn your TF card by win32_disk_imager or other tools.
  - 2. Login to your Raspberry Pi and edit /boot/config.txt file, make sure it has following parameter:

```
framebuffer_width=800
framebuffer_height=480
hdmi_force_hotplug=1
hdmi_group=2
hdmi_mode=87
hdmi_cvt  800  480  60  6  0  0  0
```

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  - 3. Reboot your Raspberry Pi and have fun.

How to setup Resolution Automatically

There is a easy way to setup resolution of your screen by a shell script.
You can download the scripts by git tool and use it to change resolution for your screens as following steps:

```
git clone https://github.com/yoyojacky/52Pi.git
cd ~/52Pi
chmod +x restool.sh
./restool.sh
```

and then follow the step to chose the screen type that you have, and it will automatically setup the resolution for you.