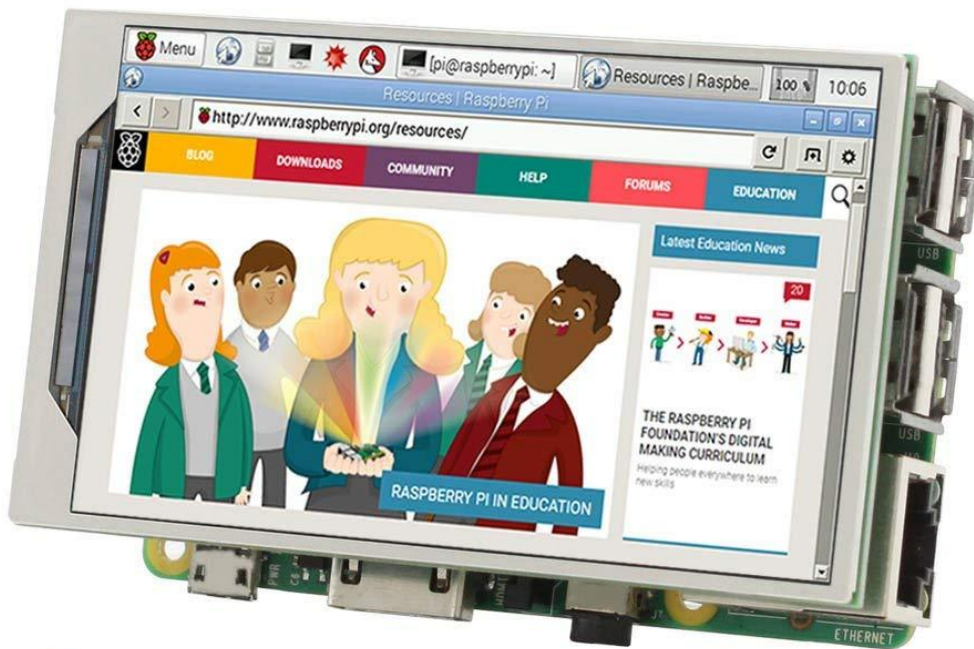


iUlniker Raspberry Pi

3.6 inch Screen Case

Instructions



- ✓ 60+fps
- ✓ 800*480 Resolution
- ✓ Support RetroPie and Raspbian

For Raspberry Pi 3B+/3B/2B

Customer Service Email: iuniker@yeah.net

Online Mode: (Keep your Pi connect to Network)

Step1: Download and Install Raspbian or Retropie OS to your SD card.

Step2: Make sure the OS was installed and completed.

Step3: Open Terminal, and type the following command:

```
cd ~/
```

```
git clone https://github.com/tianyoujian/MZDPI.git
```

```
cd MZDPI/wvga
```

```
sudo chmod +x mzdpi-wvga-autoinstall
```

```
sudo ./ mzdpi-wvga-autoinstall
```

```
pi@raspberrypi:~ $ cd ~/
pi@raspberrypi:~ $ git clone https://github.com/tianyoujian/MZDPI.git
Cloning into 'MZDPI'...
remote: Counting objects: 70, done.
remote: Compressing objects: 100% (53/53), done.
remote: Total 70 (delta 31), reused 43 (delta 15), pack-reused 0
Unpacking objects: 100% (70/70), done.
pi@raspberrypi:~ $ cd MZDPI/wvga
pi@raspberrypi:~/MZDPI/wvga $ sudo chmod +x mzdpi-wvga-autoinstall
pi@raspberrypi:~/MZDPI/wvga $ sudo ./mzdpi-wvga-autoinstall
/boot/overlays/mzdp16.dtbo: Warning (unit_address_vs_reg): Node /fragment@0 has a unit name, but no reg property
/boot/overlays/mzdp16.dtbo: Warning (unit_address_vs_reg): Node /fragment@1 has a unit name, but no reg property
pi@raspberrypi:~/MZDPI/wvga $
```

Waiting for the process completed and then, Reboot Pi.

How to make backlight switch button work?

Step1: Open Terminal

Step2:

```
cd ~/
```

```
python MZDPI/mzp361wv1t/led-pwm.py
```

Click the button once, the screen will turn down 15%

How to make Smart Fan Management Work:

Step1: Open Terminal

Step2:

```
cd ~/
```

```
python MZDPI/mzp361wv1t/fan-pwm.py
```

Ps: What is Smart Fan Management?

The fan will get the temperature of your Pi and change speed automatically

If you want to switch to HDMI mode after you install the 3.6 inch screen driver:

- 1. Remove the screen from your Pi, the display will switch to hdmi output directly.**
- 2. Connect the screen to your Pi, the display will switch to GPIO mode (DPI mode)**
- 3. If you want to switch to hdmi mode when the screen is connected to Pi, you can click the backlight switch and hold for few seconds until the hdmi screen is turned on.**

Uninstall Config:

If you want use your hdmi screen to display your Pi after you install the driver, there is a way to solve it:

Use our Uninstall Config:

Open Terminal, and type the following command:

```
cd ~/
```

```
git clone https://github.com/tianyoujian/MZDPI.git
```

```
cd MZDPI/wvga
```

```
sudo chmod +x mzdpi-36-uninstall
```

```
sudo ./mzdpi-36-uninstall
```

Notice: We tested every screen before we sent them to you, so if the screen can't work, please contact iuniker@yeah.net Thank you !!

How to install the screen to your Pi ?



Note: Please pay attention to the direction !

iUniker 3.6-inch HD Screen VS Other 3.5 inch Screen



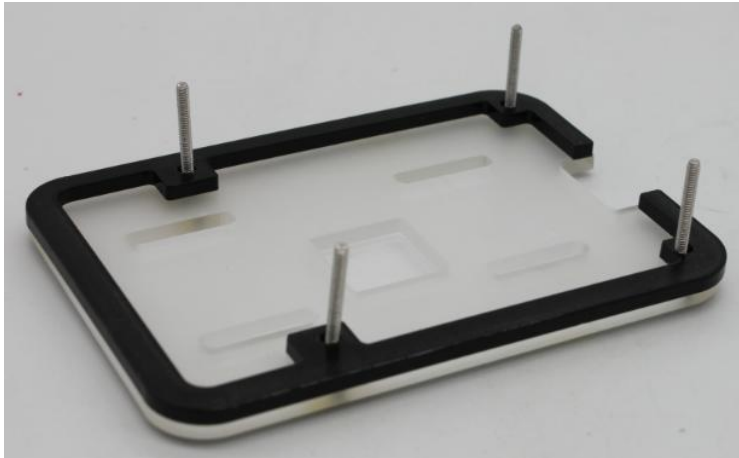
800x480	HD Resolution	480x320
60+fps	Refresh Rate	30fps
★★★★★	Screen Response Speed	★★★★☆
★★★★★	User experience	★★★★☆



P: If the screen has some problems just like, you can't make it work, only backlight turned on and display nothing, some black lines on the screen and other, it's software problem, if you have these questions, please contact iuniker@yeah.net We will try our best to solve your problem.

How to install the case and fan?

1. Install the 4th and 5th layer on the screws



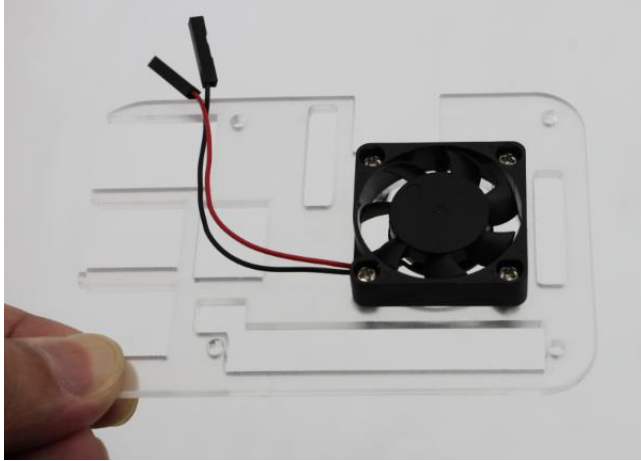
2. Put the Pi on the case



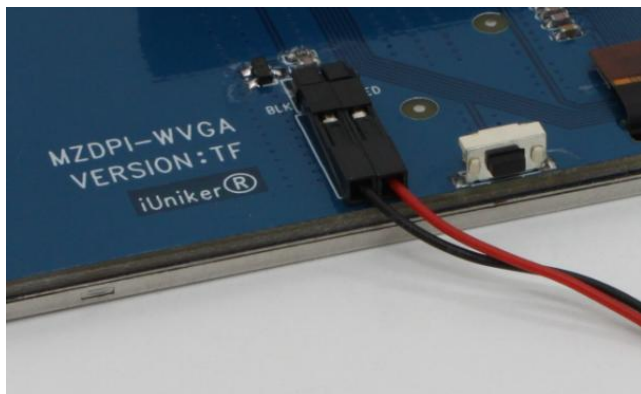
3. Put the 2nd and 3th Layer on the Pi



4. Install the fan to the 5th layer (Pay attention to the direction of the fan)



5. Connect the fan to the screen (Connect black cable to BLK, red cable to RED)



6. Connect the screen to your Pi

