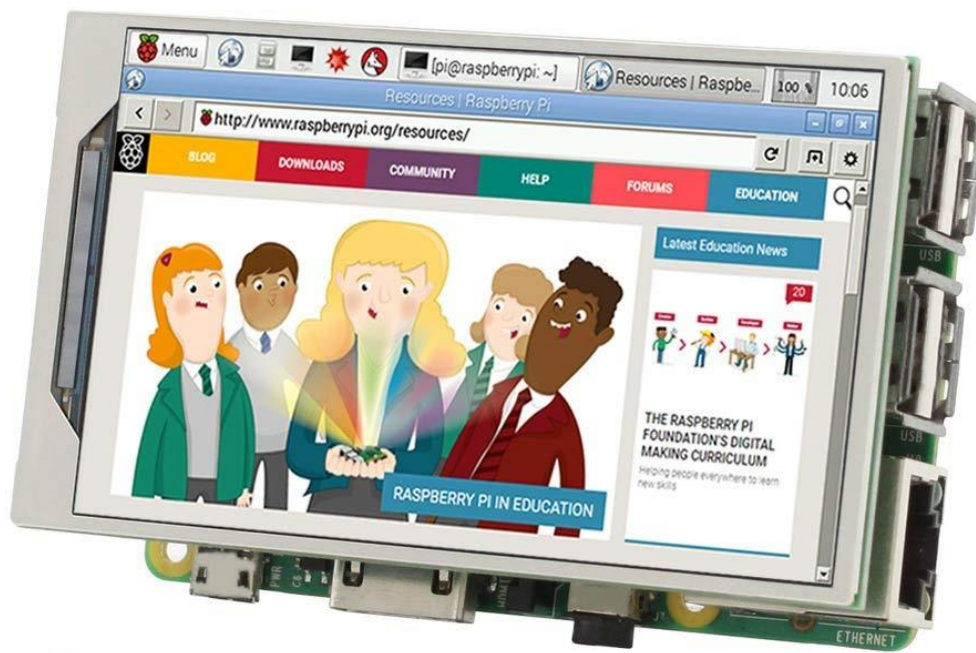# iUniker Raspberry Pi 3.6-inch Screen Case Instructions

✔ **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/mzdpi6.dtbo: Warning (unit_address_vs_reg): Node /fragment@0 has a unit name, but no reg property
/boot/overlays/mzdpi6.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.

If you want to switch to HDMI mode after you install the 3.6-inch screen driver，please uninstall it.

How to Uninstall Driver:

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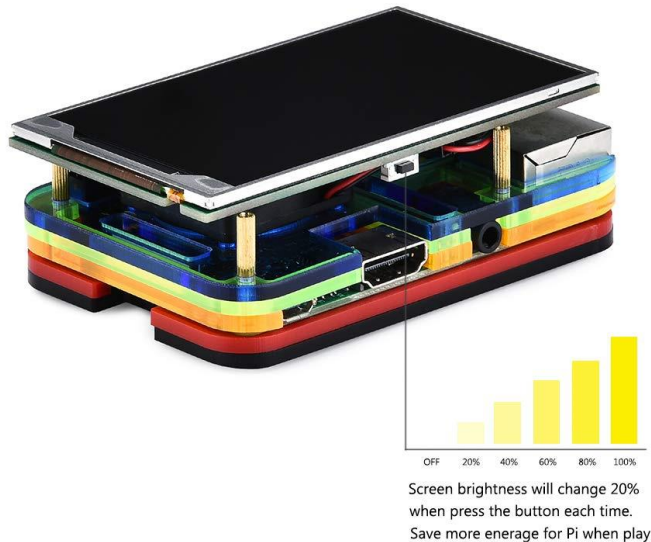
Notice: We tested every screen before we sent them to you, so if the screen can't work, please contact   iuniker@yeah.net

Thank you !!

How to change the brightness of the backlight?

Backlight Switch Button

Screen brightness will change 20%
when press the button each time.
Save more enerage for Pi when play.

The brightness will change 20% when you press the button each time.

If you are using **retropie**, and you meet this problem:

Some customer complaint that when they using **retorpie** OS, after install the driver, the screen repeats the temperature and pushing the current screen out of the way.

How to solve problem like this?

Open　/boot/cmdline.txt

Change　"console=tty1"　to　"console=tty3"

Then save it, and reboot your Pi,
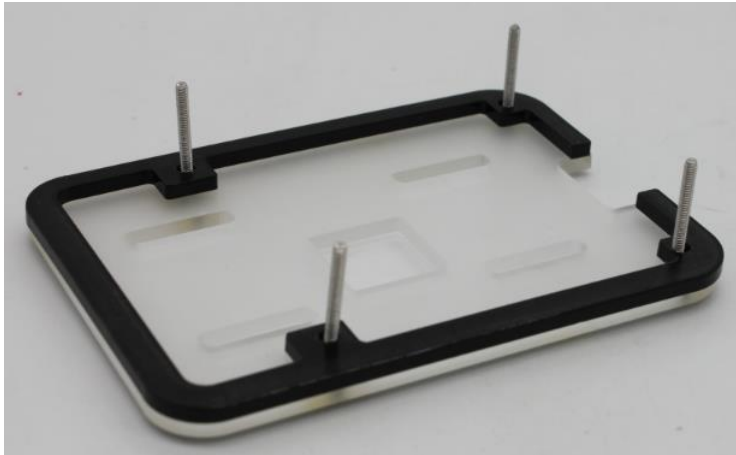
iUniker 3.6-inch HD Screen VS Other 3.5 inch Screen

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

Ps: 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 others, 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 assemble the case and fan?

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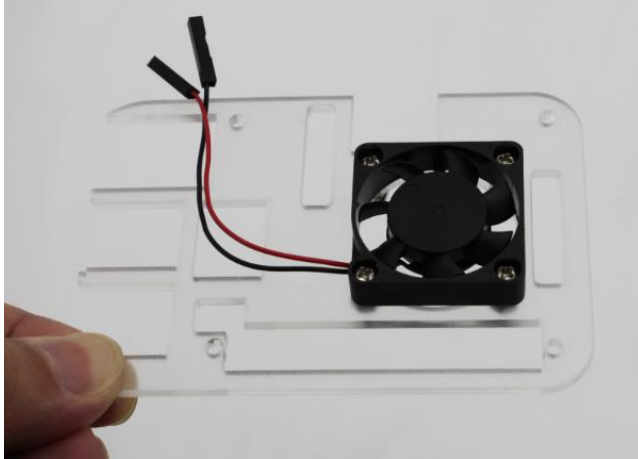

2. Put the Pi on the case
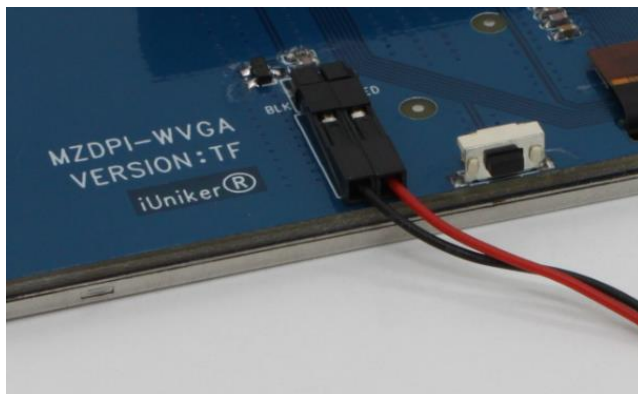

3. Put the 2nd and 3rd Layer on the Pi

4. Install the fan to the 1ˢᵗ layer (Pay attention to the direction of the fan)

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

6. Connect the screen to your Pi