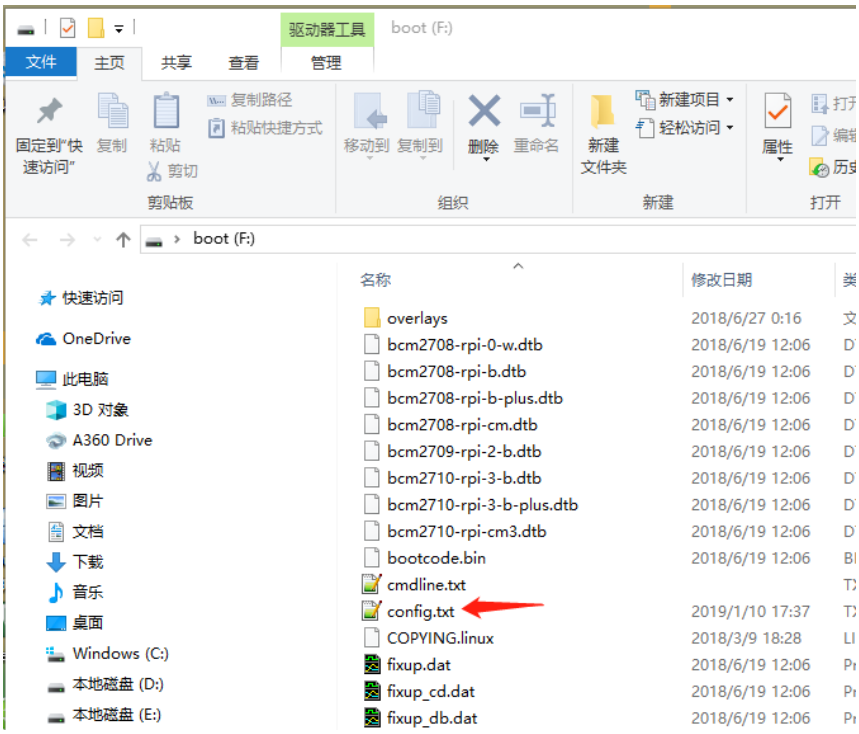
Raspberry Pi Screen Instructions

Accessories

1. Screen
2. HDMI Cable
3. Micro USB Power Cable

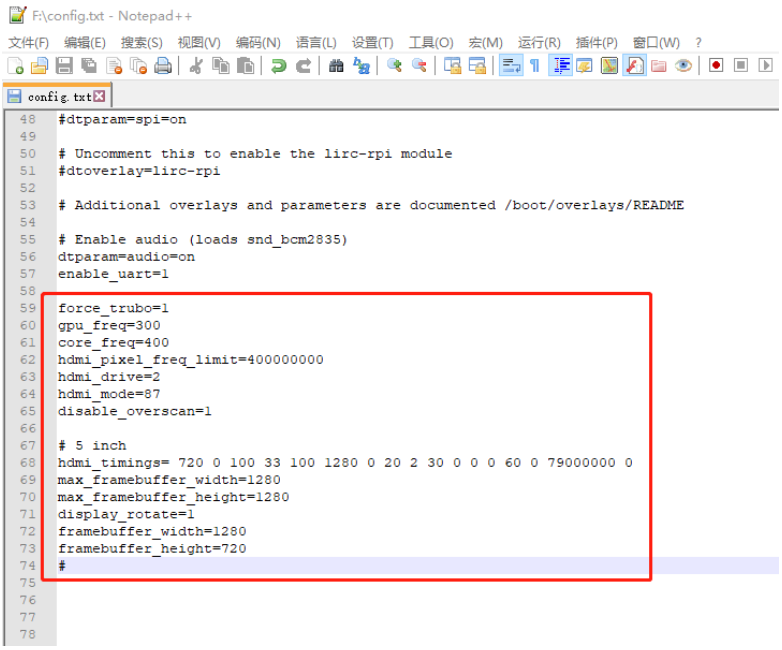
Modify the Raspberry Pi launch configuration：

Open the Raspberry Pi startup TF card on the computer and find the config.txt startup configuration file.



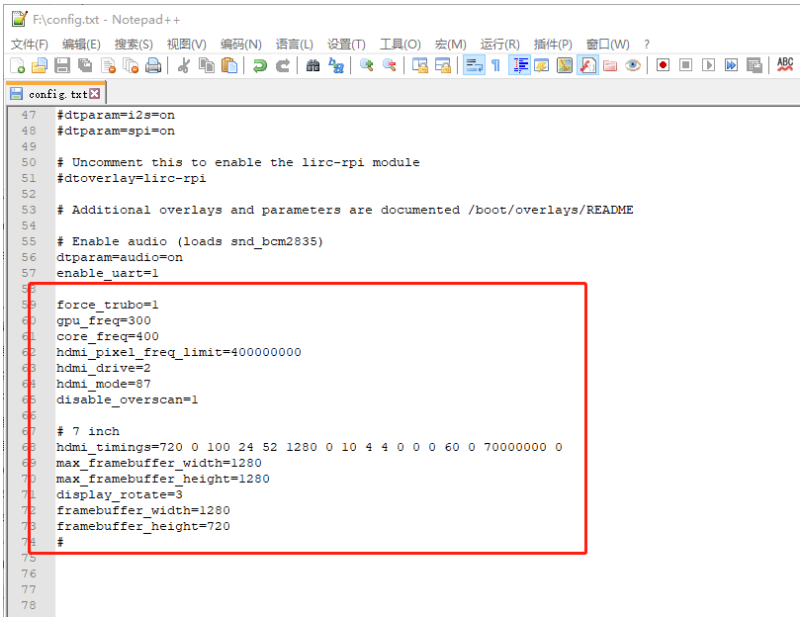
Add the corresponding initialization parameter configuration code of the screen at the bottom of the configuration file.：

5 inch screen config：



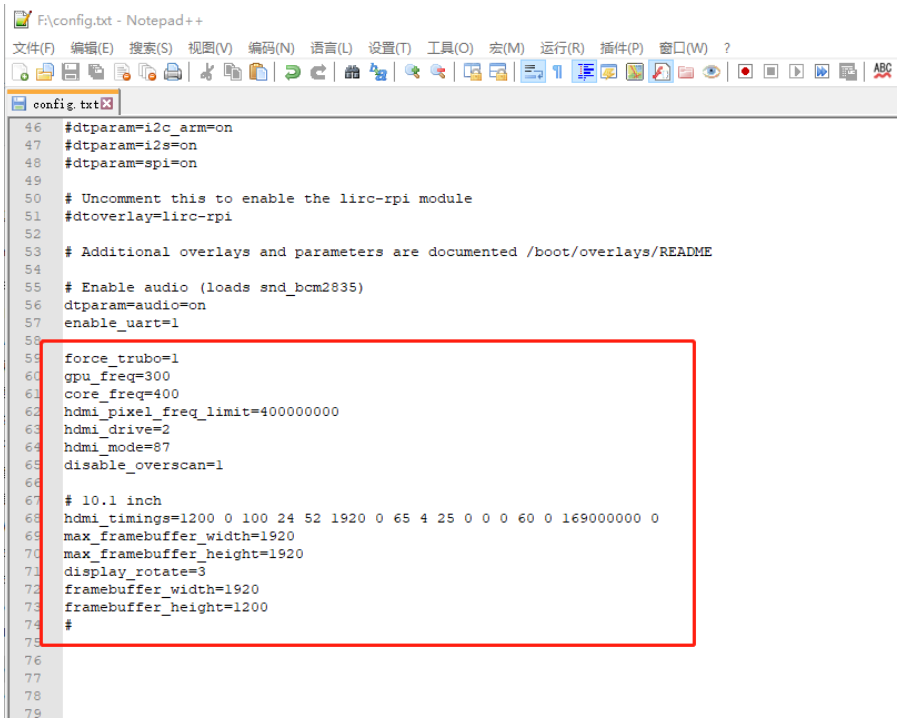
```
force_trubo=1

gpu_freq=300

core_freq=400

hdmi_pixel_freq_limit=400000000

hdmi_drive=2

hdmi_mode=87

disable_overscan=1


# 5 inch

hdmi_timings= 720 0 100 33 100 1280 0 20 2 30 0 0 0 60 0 79000000 0

max_framebuffer_width=1280

max_framebuffer_height=1280

display_rotate=1

framebuffer_width=1280

framebuffer_height=720

#
```

7 inch screen config：



```
force_trubo=1

gpu_freq=300

core_freq=400

hdmi_pixel_freq_limit=400000000

hdmi_drive=2

hdmi_mode=87

disable_overscan=1


# 7 inch

hdmi_timings=720 0 100 24 52 1280 0 10 4 4 0 0 0 60 0 70000000 0

max_framebuffer_width=1280

max_framebuffer_height=1280

display_rotate=3

framebuffer_width=1280

framebuffer_height=720

#
```

10.1 inch screen config：



```
force_trubo=1

gpu_freq=300

core_freq=400

hdmi_pixel_freq_limit=400000000

hdmi_drive=2

hdmi_mode=87

disable_overscan=1


# 10.1 inch

hdmi_timings=1200 0 100 24 52 1920 0 65 4 25 0 0 0 60 0 169000000 0

max_framebuffer_width=1920

max_framebuffer_height=1920

display_rotate=3

framebuffer_width=1920

framebuffer_height=1200

#
```

Power on, connect to raspberry pi or computer

Step 1: Connect the Micro USB power supply

Description: 5 inch, 7 inch can be powered by ordinary USB interface, 10.1 inch because the current required is larger than the maximum supply current of USB2.0 (500mA), it is recommended to use USB3.0 interface or use mobile phone charger and other supply current Standalone USB power supply that meets or exceeds 1A.

Step 2: Connect an HDMI video source (Raspberry Pi or PC, notebook, or other standard HDMI video source)