

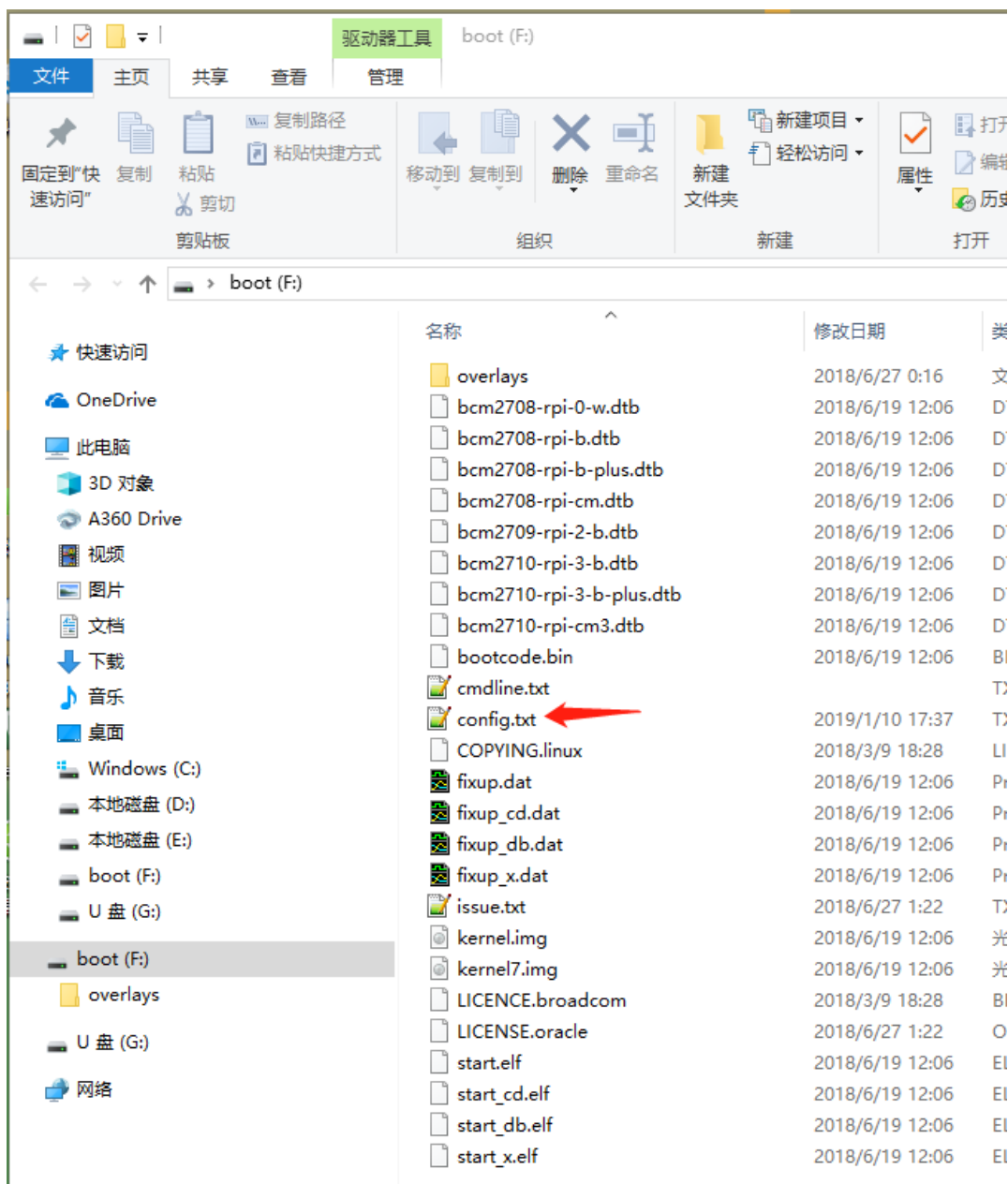
Raspberry Pi Screen Instructions

Accessories

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



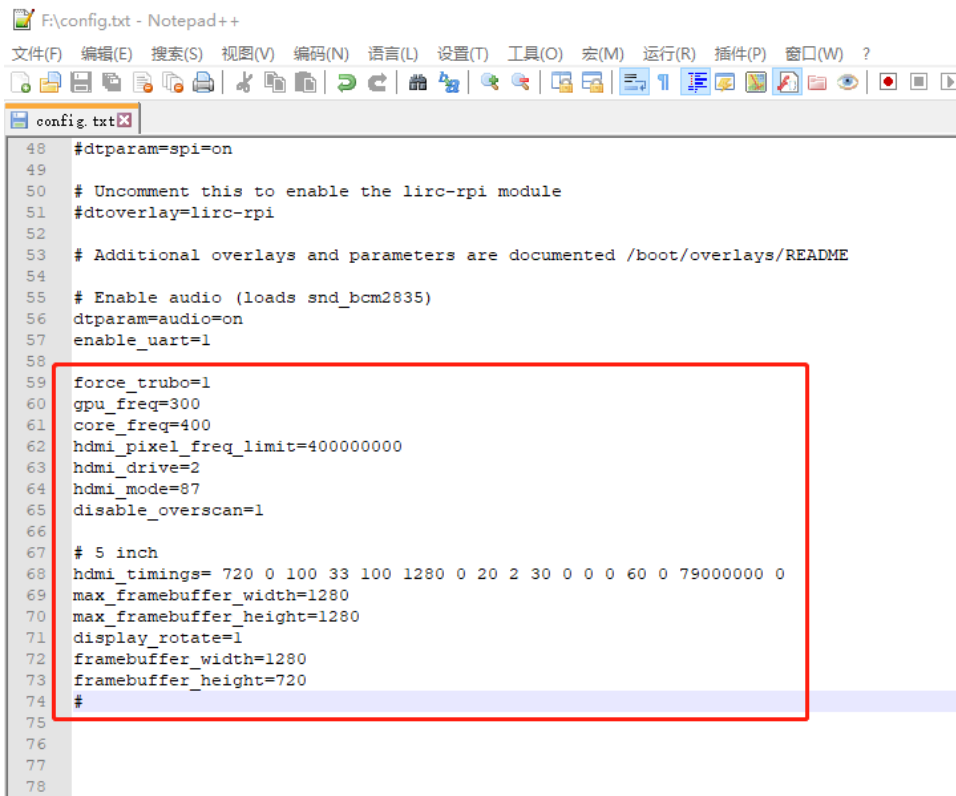
Modify the Raspberry Pi launch configuration:



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:

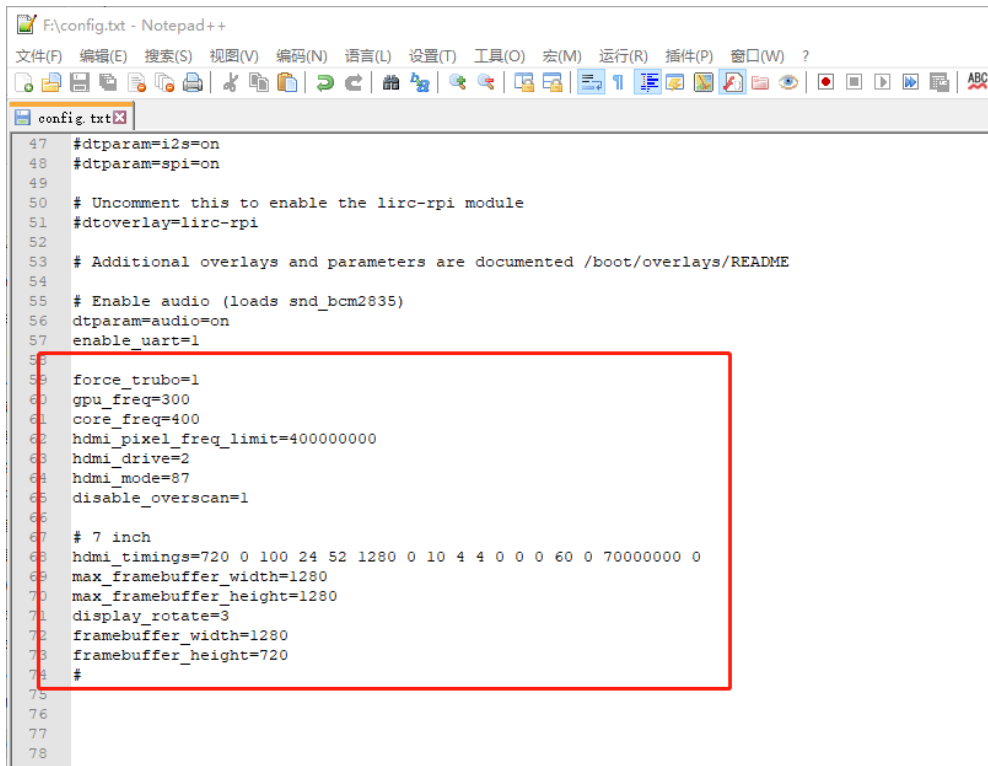


```
48 #dtparam=spi=on
49
50 # Uncomment this to enable the lirc-rpi module
51 #dtoverlay=lirc-rpi
52
53 # Additional overlays and parameters are documented /boot/overlays/README
54
55 # Enable audio (loads snd_bcm2835)
56 dtparam=audio=on
57 enable_uart=1
58
59 force_trubo=1
60 gpu_freq=300
61 core_freq=400
62 hdmi_pixel_freq_limit=400000000
63 hdmi_drive=2
64 hdmi_mode=87
65 disable_overscan=1
66
67 # 5 inch
68 hdmi_timings= 720 0 100 33 100 1280 0 20 2 30 0 0 0 60 0 79000000 0
69 max_framebuffer_width=1280
70 max_framebuffer_height=1280
71 display_rotate=1
72 framebuffer_width=1280
73 framebuffer_height=720
74 #
75
76
77
78
```

```
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:



```
F:\config.txt - Notepad++
文件(F) 编辑(E) 搜索(S) 视图(V) 编码(N) 语言(L) 设置(T) 工具(O) 宏(M) 运行(R) 插件(P) 窗口(W) ?
config.txt
47 #dtbparam=i2s=on
48 #dtbparam=spi=on
49
50 # Uncomment this to enable the lirc-rpi module
51 #dtoverlay=lirc-rpi
52
53 # Additional overlays and parameters are documented /boot/overlays/README
54
55 # Enable audio (loads snd_bcm2835)
56 dtbparam=audio=on
57 enable_uart=1
58
59 force_trubo=1
60 gpu_freq=300
61 core_freq=400
62 hdmi_pixel_freq_limit=400000000
63 hdmi_drive=2
64 hdmi_mode=87
65 disable_overscan=1
66
67 # 7 inch
68 hdmi_timings=720 0 100 24 52 1280 0 10 4 4 0 0 0 60 0 70000000 0
69 max_framebuffer_width=1280
70 max_framebuffer_height=1280
71 display_rotate=3
72 framebuffer_width=1280
73 framebuffer_height=720
74 #
75
76
77
78
```

```
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
#
```

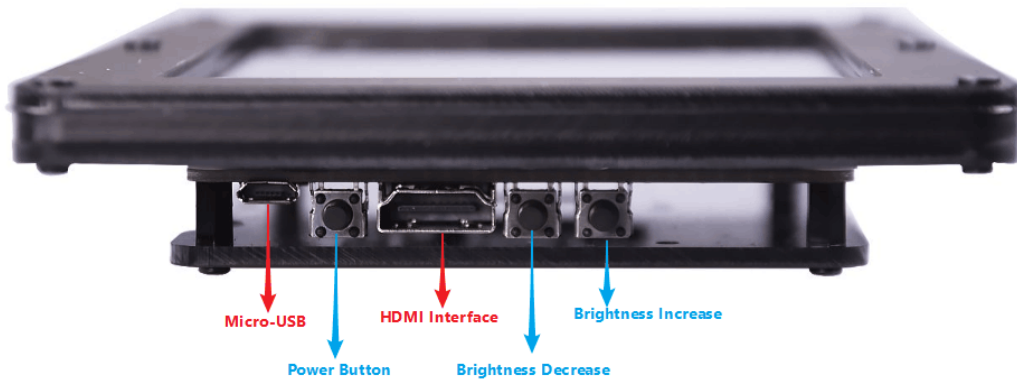
10.1 inch screen config:

```
46 #dtparam=i2c_arm=on
47 #dtparam=i2s=on
48 #dtparam=spi=on
49
50 # Uncomment this to enable the lirc-rpi module
51 #dtoverlay=lirc-rpi
52
53 # Additional overlays and parameters are documented /boot/overlays/README
54
55 # Enable audio (loads snd_bcm2835)
56 dtparam=audio=on
57 enable_uart=1
58
59 force_trubo=1
60 gpu_freq=300
61 core_freq=400
62 hdmi_pixel_freq_limit=400000000
63 hdmi_drive=2
64 hdmi_mode=87
65 disable_overscan=1
66
67 # 10.1 inch
68 hdmi_timings=1200 0 100 24 52 1920 0 65 4 25 0 0 0 60 0 169000000 0
69 max_framebuffer_width=1920
70 max_framebuffer_height=1920
71 display_rotate=3
72 framebuffer_width=1920
73 framebuffer_height=1200
74 #
75
76
77
78
79
```

```
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)



USB