

# Raspberry Pi Screen Instructions

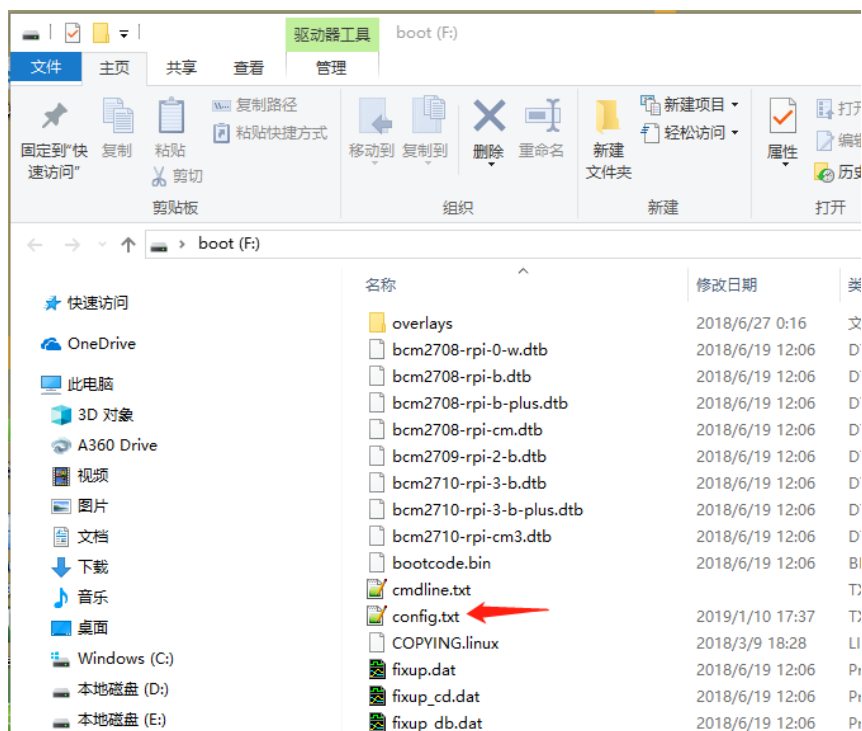
## Accessories

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



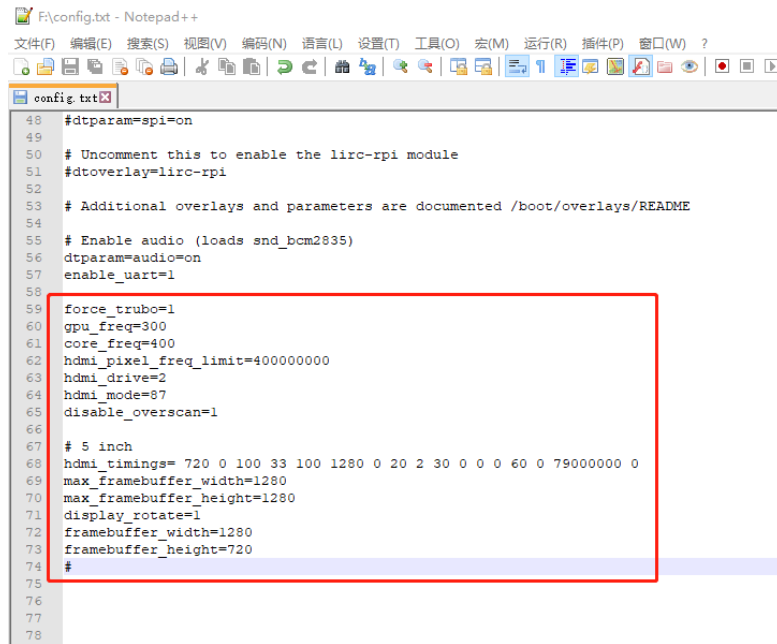
## Modify the Raspberry Pi launch configuration:

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:



```
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
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 790000000 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

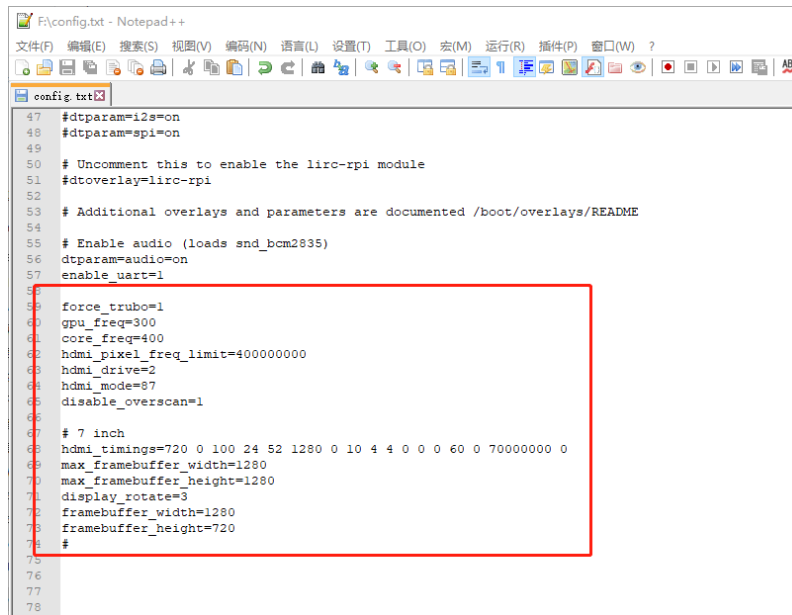
display\_rotate=1

framebuffer\_width=1280

framebuffer\_height=720

#

## 7 inch screen config:



```
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 # 7 inch
68 hdmi_timings=720 0 100 24 52 1280 0 10 4 4 0 0 0 60 0 700000000 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

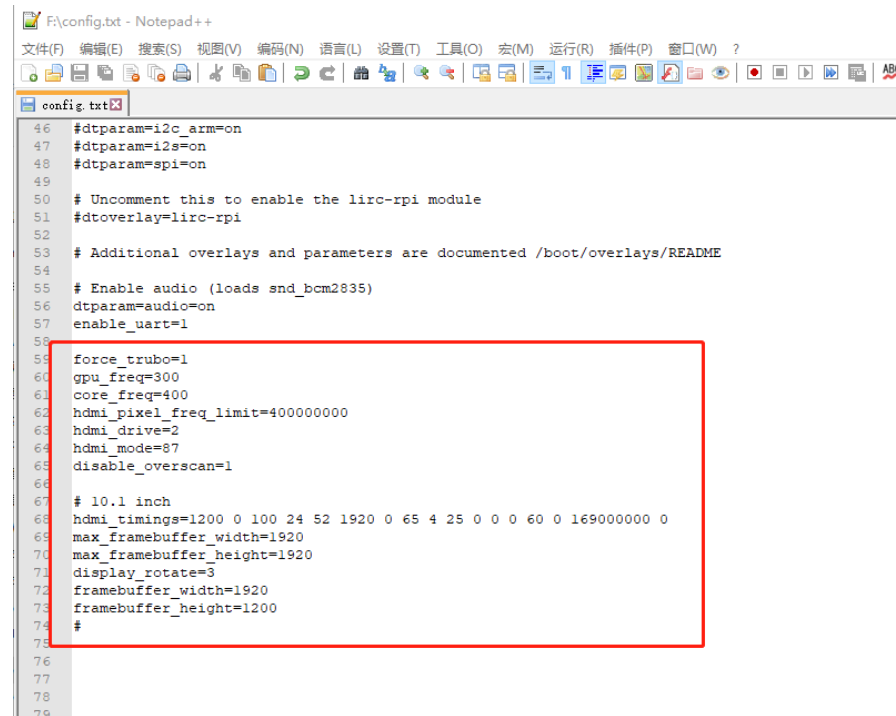
display\_rotate=3

framebuffer\_width=1280

framebuffer\_height=720

#

## 10.1 inch screen config:



```
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
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 1690000000 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)**

