

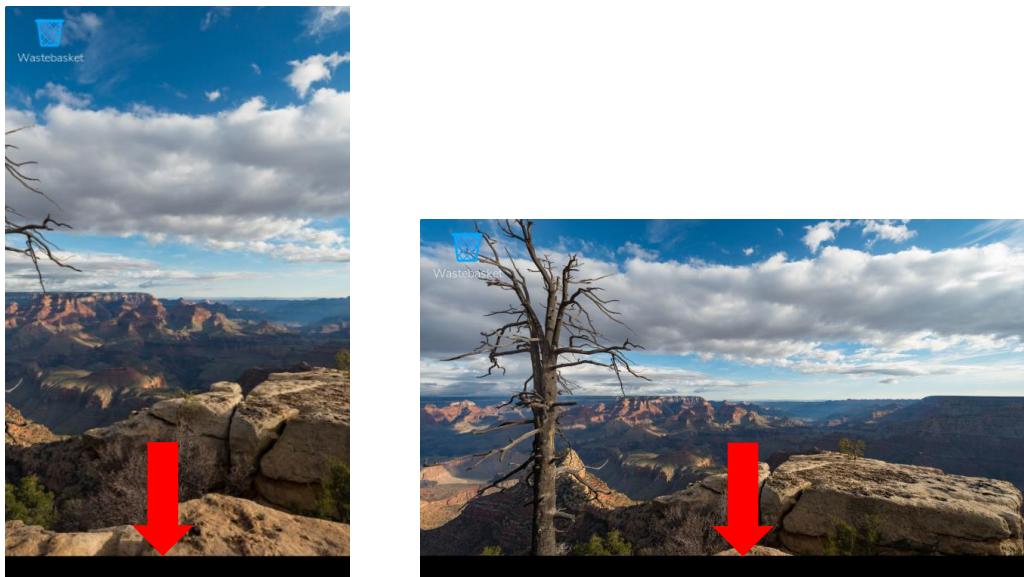
FNK0107-Troubleshooting

At the time of this writing, compatibility issues associated with the latest Raspberry Pi OS release ("**Trixie**") have been observed. Once an official update addressing these issues is available, we will promptly update our resources and discontinue the relevant troubleshooting notes here.

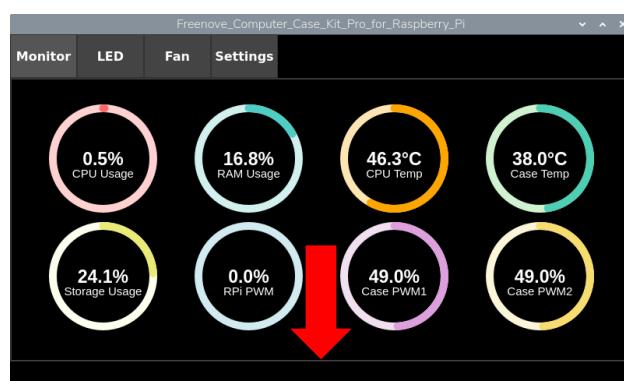
Issue 1: Black bars at the bottom of the DSI screen

Description

After completing the settings in section 3.1.8, a black bar appears at the bottom of the DSI screen. This issue occurs in both landscape and portrait modes, and it is consistently located at the bottom of the current display orientation.



When you embed the accompanying control software into the DSI screen, the bottom portion of the software may not be displayed completely. This is because our control software is rendered starting from below the system status bar.



Solution

Open the **app_ui.py** file located in the **Freenove_Computer_Case_Kit_Pro_for_Raspberry_Pi/Code** directory. Find the line that says **self.isMaximized = False**, and change **False** to **True** to fix the issue.

```
app_ui.py - /home/pi/Freenove_Computer_Case_Kit_Pro_for_Raspberry_Pi/Code - Geany
File Edit Search View Document Project Build Tools Help
Symbols
app_ui.py x
13:23:02: This is Geany 2.0.
13:23:02: File /home/pi/Freenove_Computer_Case_Kit_Pro_for_Raspberry_Pi/Code/app_ui.py opened (1).

line: 83 / 1012    col: 99    set: 0    INS    TAB    EOL: LF    encoding: UTF-8    filetype: Python    scope: MainWindow.__init__
67     self.monitor_update_color_timer = QTimer(self)
68     self.monitor_update_color_timer_is_running = False      # Create monitor interface color update timer
69
70     self.led_mode = 0
71     self.led_process = None
72     self.led_slider_color = [0, 0, 0]                         # Whether timer is running
73
74     self.fan_mode = 0
75     self.fan_manual_mode_duty = [75, 75, 75]
76     self.fan_temp_mode_threshold = [30, 50, 3]
77     self.fan_temp_mode_duty = [75, 125, 175]
78     self.fan_pi_follows_duty_map = [0, 255]
79     self.fan_process = None
80
81     self.oled_process = None
82
83     self.isMaximized = False
84
85     self.init_ui()
86     self.load_ui_config()
87     self.load_ui_events()
88
89 def init_ui(self):
90     # Set black background for main window
91     self.setStyleSheet("background-color: #000000;
92         border: 1px solid #444444;
```

Issue 2: Misaligned Mouse Mapping Coordinates

Description

When the HDMI display resolution is changed, the mouse click position in the VNC interface will be misaligned. This issue arises because the VNC virtual display area is now composed of a combined "HDMI + DSI dual-display" region, rather than the previous "HDMI-only" display area. The mouse coordinate mapping, however, is not updated in real time, resulting in a discrepancy between the actual and expected click positions.

Solution

Restart the VNC interface. The mouse coordinate mapping will be reset and function correctly thereafter.