

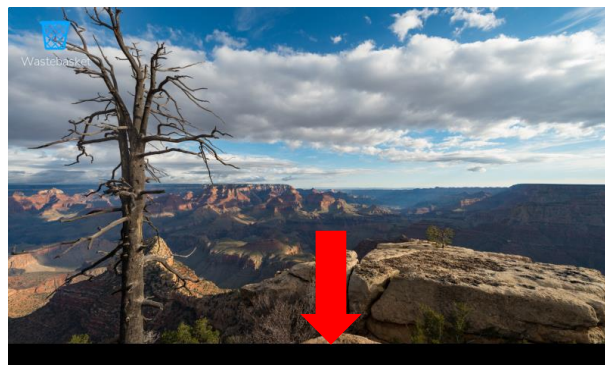
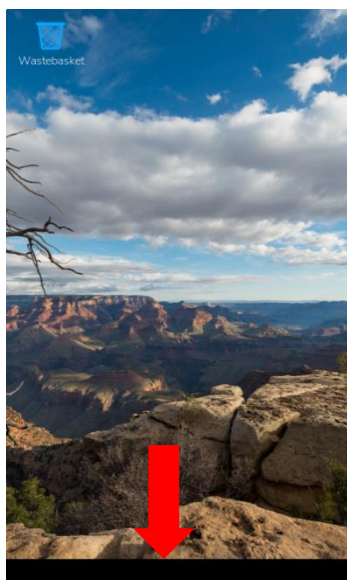
FNK0107-Troubleshooting

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

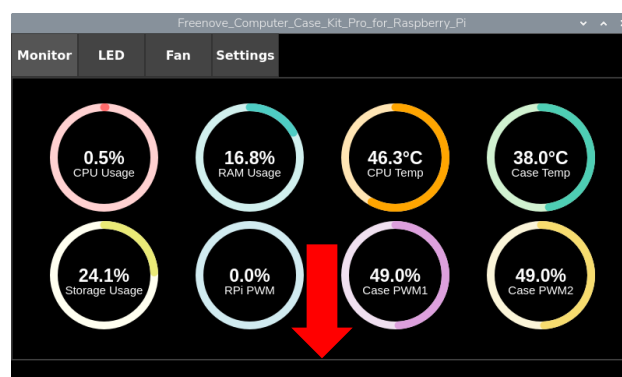
Problem 1: Black bars at the bottom of the DSI screen

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.

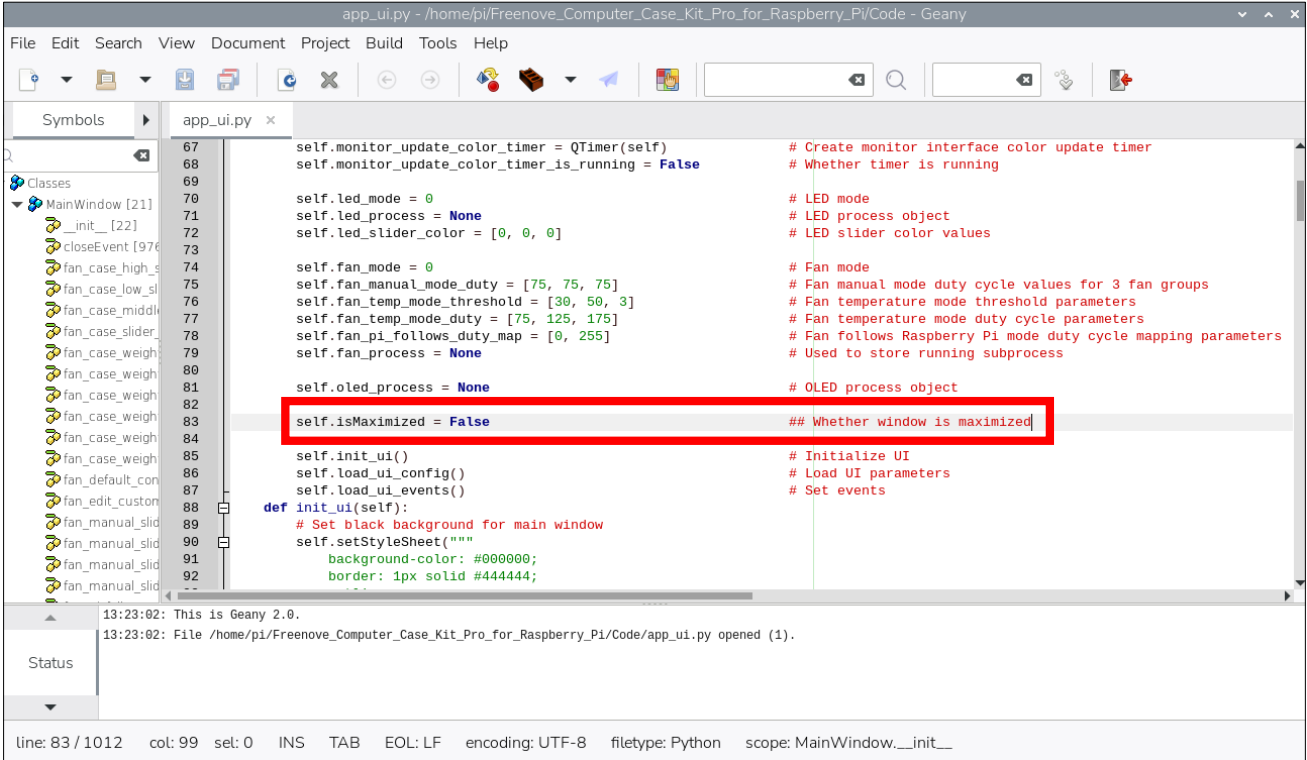


When you embed the accompanying control software into the DSI screen, the bottom portion of the software may not be displayed completely. This is because our control software is rendered starting from below the system status bar.



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
67 self.monitor_update_color_timer = QTimer(self) # Create monitor interface color update timer
68 self.monitor_update_color_timer_is_running = False # Whether timer is running
69
70 self.led_mode = 0 # LED mode
71 self.led_process = None # LED process object
72 self.led_slider_color = [0, 0, 0] # LED slider color values
73
74 self.fan_mode = 0 # Fan mode
75 self.fan_manual_mode_duty = [75, 75, 75] # Fan manual mode duty cycle values for 3 fan groups
76 self.fan_temp_mode_threshold = [30, 50, 3] # Fan temperature mode threshold parameters
77 self.fan_temp_mode_duty = [75, 125, 175] # Fan temperature mode duty cycle parameters
78 self.fan_pi_follows_duty_map = [0, 255] # Fan follows Raspberry Pi mode duty cycle mapping parameters
79 self.fan_process = None # Used to store running subprocess
80
81 self.oled_process = None # OLED process object
82
83 self.isMaximized = False ## Whether window is maximized
84
85 self.init_ui() # Initialize UI
86 self.load_ui_config() # Load UI parameters
87 self.load_ui_events() # Set events
88
89 def init_ui(self):
90     # Set black background for main window
91     self.setStyleSheet("""
92         background-color: #000000;
93         border: 1px solid #444444;
94     """)
95
96
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).
Status
line: 83 / 1012 col: 99 set: 0 INS TAB EOL: LF encoding: UTF-8 filetype: Python scope: MainWindow.__init__
```

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.