

## Raspberry Pi Setup Kit Instructions

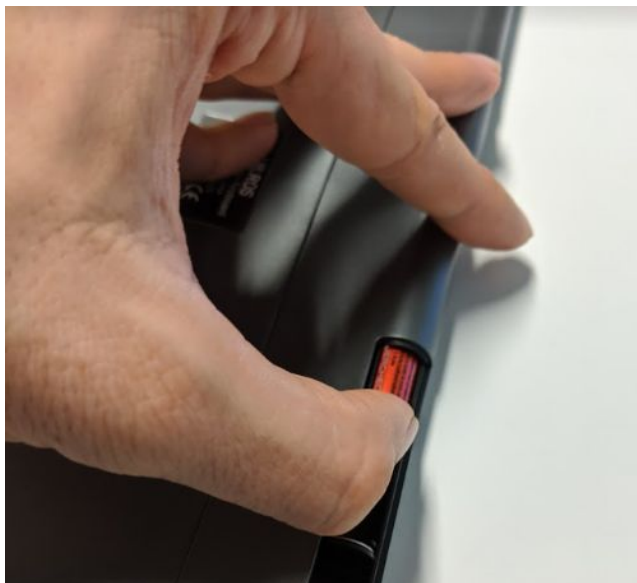
You will need:

- (1) 3.5" monitor
- (1) MicroUSB cable
- (1) Wireless keyboard
- (2) AAA batteries
- (1) Raspberry Pi board (from the Self-Driving Car Box)
- (1) MicroSD card with Raspbian (from the Self-Driving Car Box)



Remove the backplate of the keyboard.  
Take out the wireless dongle and insert it into the USB slot of the Raspberry Pi board.

Then plug the micro USB cord into the Raspberry Pi and a power source (a computer or phone charger). Insert the microSD card into the Pi.



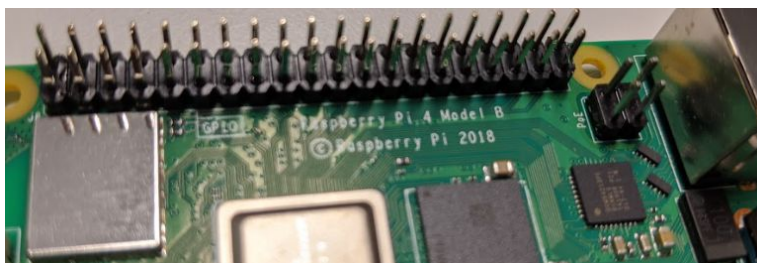
Insert the 2 AAA batteries with the negative sides going in first.



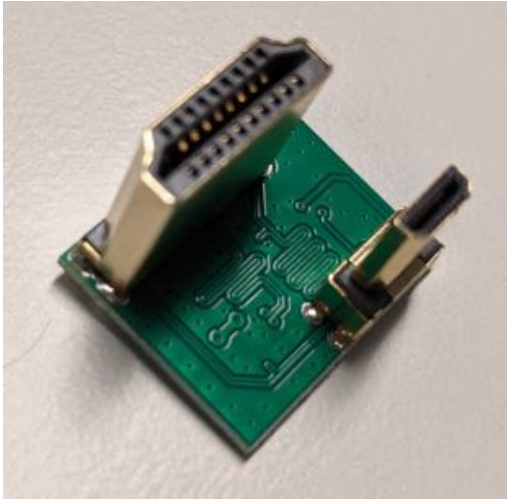
Turn on the keyboard by toggling the ON switch.



Remove the protective plastic film on the monitor.

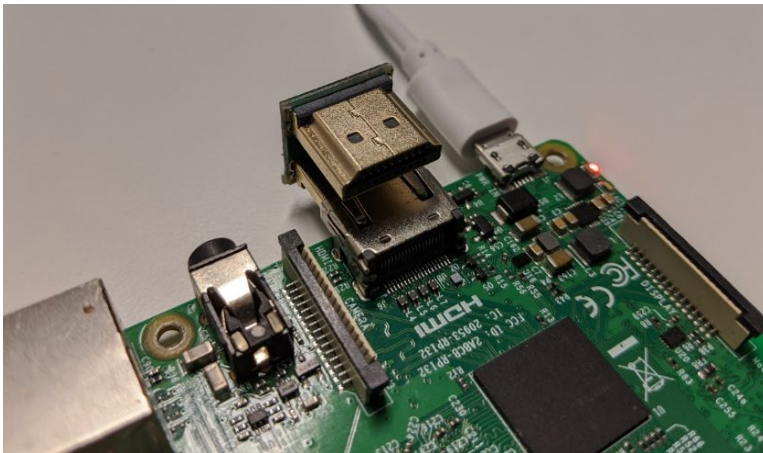


Determine which Pi model you have by locating the name under the pins. In this picture we can see we have the Raspberry Pi 4.

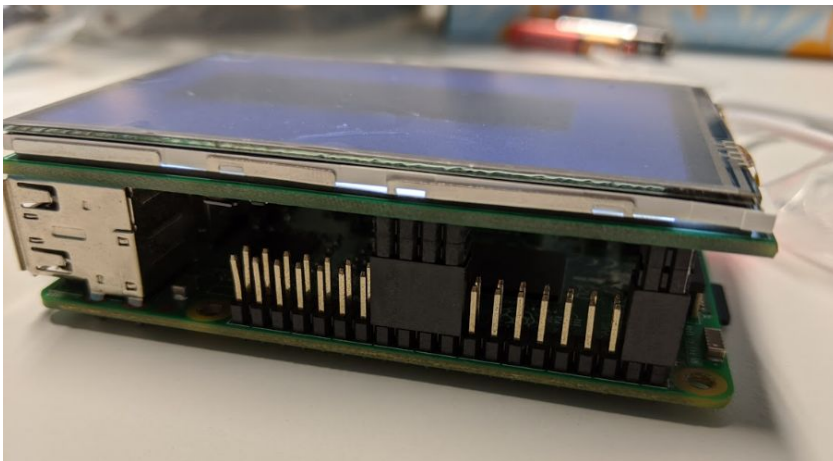


**Raspberry Pi 3B/3B+:** Attach the HDMI input support/connector (the **larger** one) to the monitor and the Raspberry Pi board .

**Raspberry Pi 4B:** Attach the mini HDMI input support/connector (the **smaller** one) to the monitor and the Raspberry Pi board.

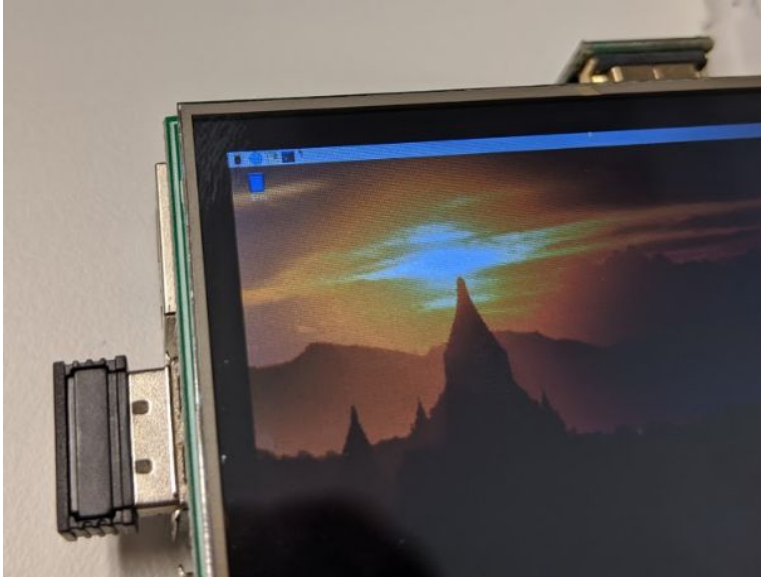


Inserted HDMI connector. Make sure the Raspberry Pi is switched to the ON position, as indicated by the light.



Gently squish the monitor onto the Raspberry Pi pins.

You should now see something pop up on the screen. If not, unplug and replug the power cord.



At this stage, you'll notice that the display is very small. To increase the resolution (size of images) perform the following steps:

- 1) Using the stylus, open the terminal by clicking the tiny black rectangle on the top left of the screen.
- 2) On the keyboard, hold down the **Ctrl** and **Shift** buttons while pressing the **+** button (top right side) until you have the desired monitor image size.
- 3) If you want to decrease the resolution, hold down **Ctrl** and **Shift** while pressing the **-** button.

**You're now ready to program!**

