Raspberry Pl Intro

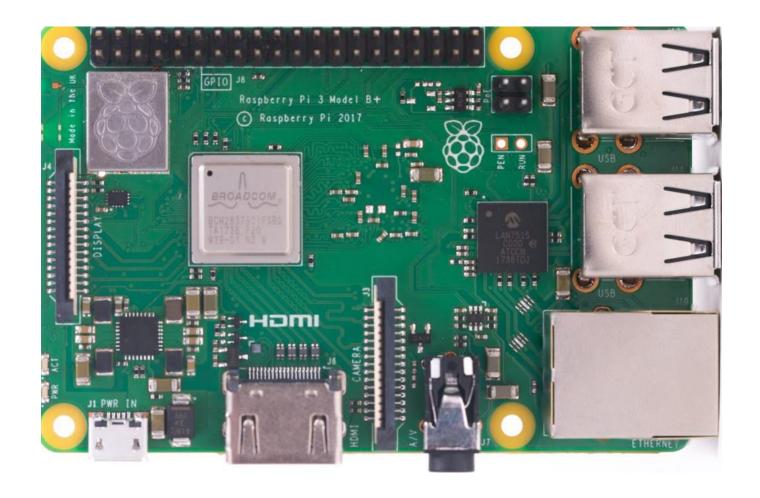






Raspberry PI 3 model B+

I. Single-board computer

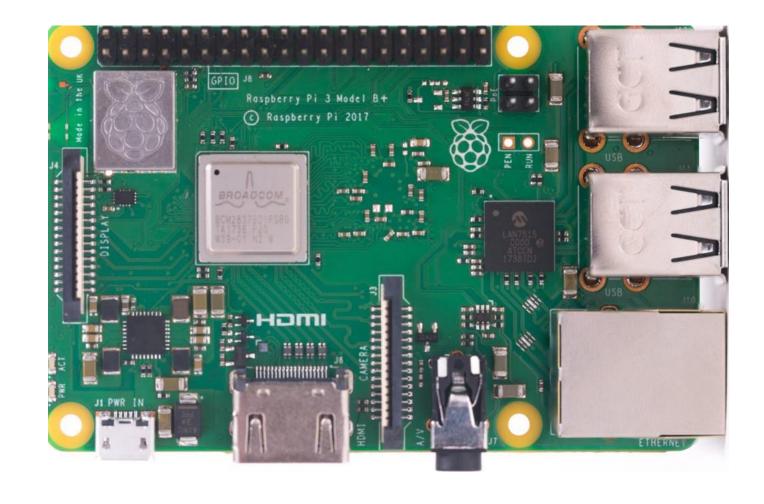






Raspberry PI 3 model B+

- I. Single-board computer
- II. A set of useful ports
 - a. USBs
 - b. Ethernet
 - c. Hdmi
 - d. MicroUsb
 - e. CSI camera

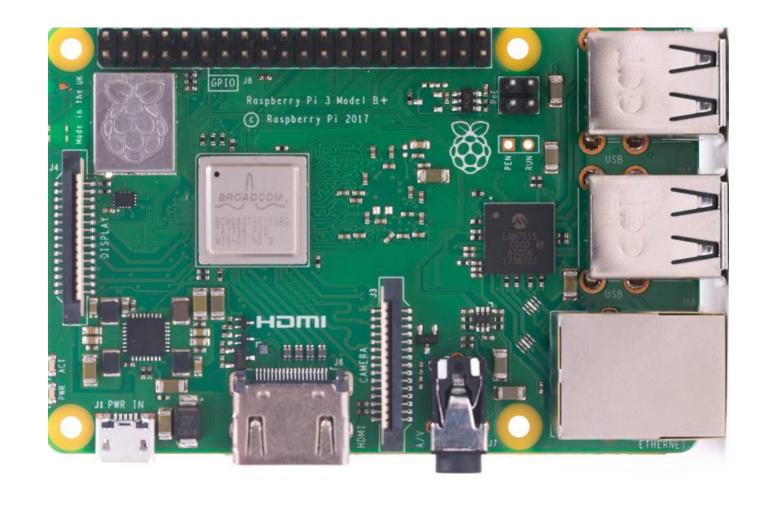






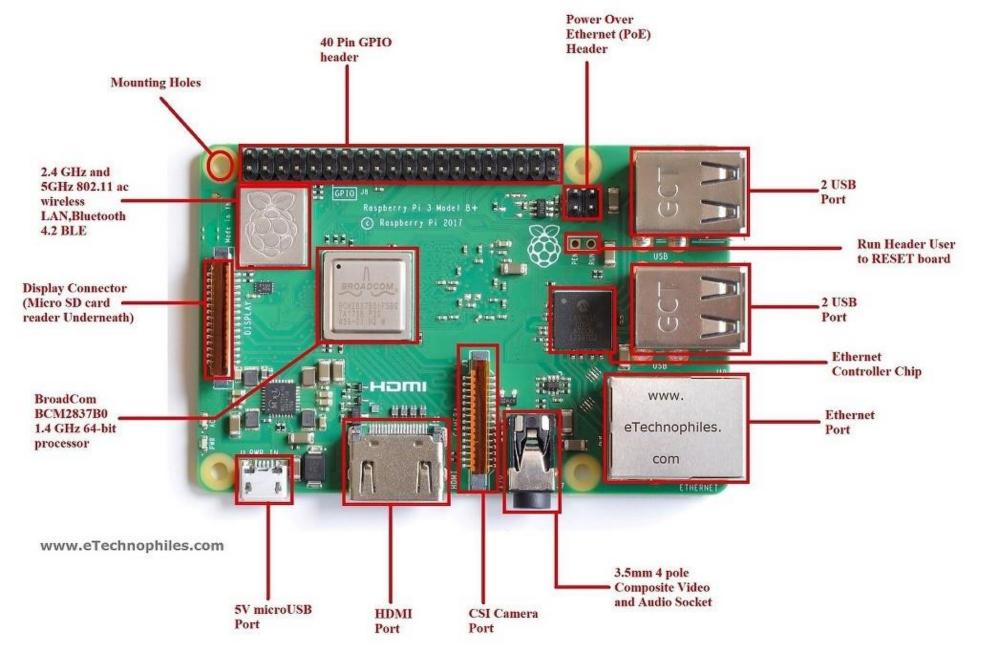
Raspberry PI 3 model B+

- I. Single-board computer
- II. A set of useful ports
 - a. USBs
 - b. Ethernet
 - c. Hdmi
 - d. MicroUsb
 - e. CSI camera
- III. 40 Pin GPIO









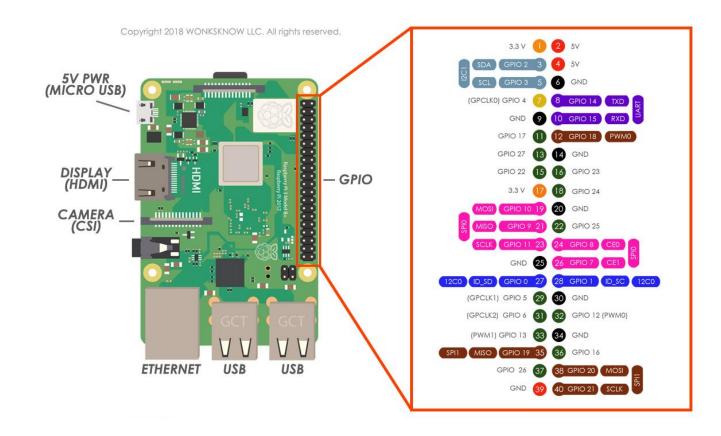




POSTDOC

Raspberry PI 3 model B+ cntd

I. Pin Layout



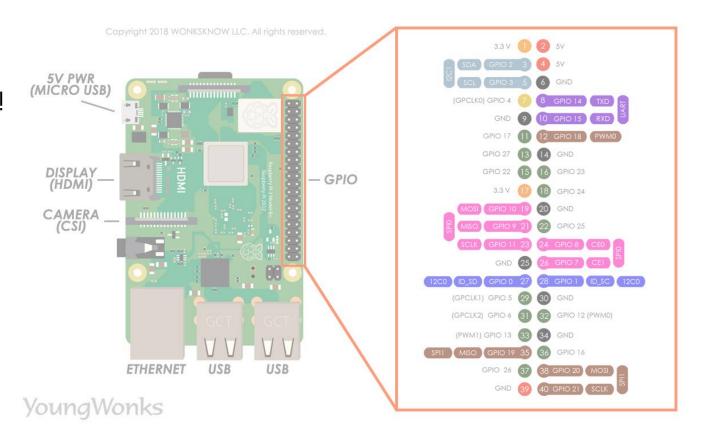




Raspberry PI 3 model B+ cntd

I. Pin Layout

II. Already connected on the turtlebot!

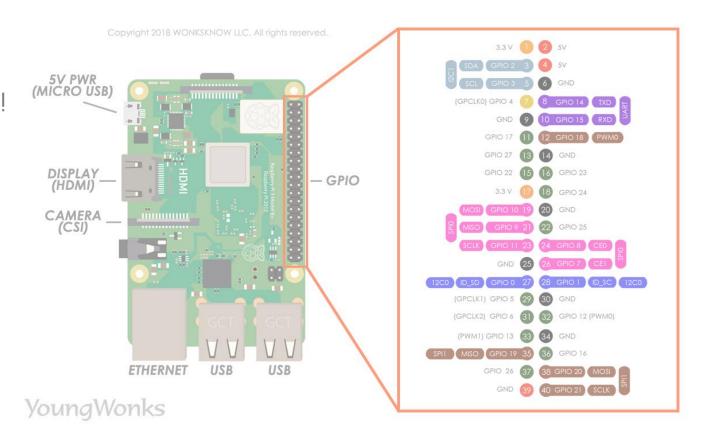






Raspberry PI 3 model B+ cntd

- I. Pin Layout
- II. Already connected on the turtlebot!
- III. Your job today:
 - a. Communicte with the Pl

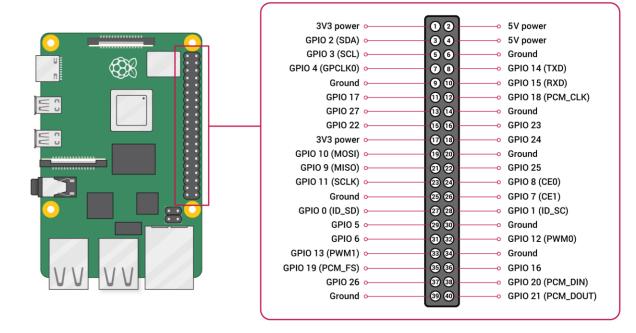






Raspberry PI 4 ***

- 5 robots have a Raspberry 4 instead
 - a. Check the label on top of the lidar
 - b. Usb-c instead of hdmi
 - c. Check for pinout when connecting the sensors







Materials

- I. Checkout: **THE OFFICIAL RASPBERRY PI BEGINNER'S GUIDE**
 - a. Chapters 1-2: get to know your Pl





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