Lessons for the Hummingbird Kit vary by software language. Choose a language below to see curriculum:

Power Indicator Light
Motor Power Connector
Gear Motor Ports (2)
Servo Motor Ports (4)
Sensor Ports (4)
Vibration Motor Ports (2)

Tri-Color LED Ports (2)
Single Color LED Ports (4)
USB Connector
USB Status Indicator
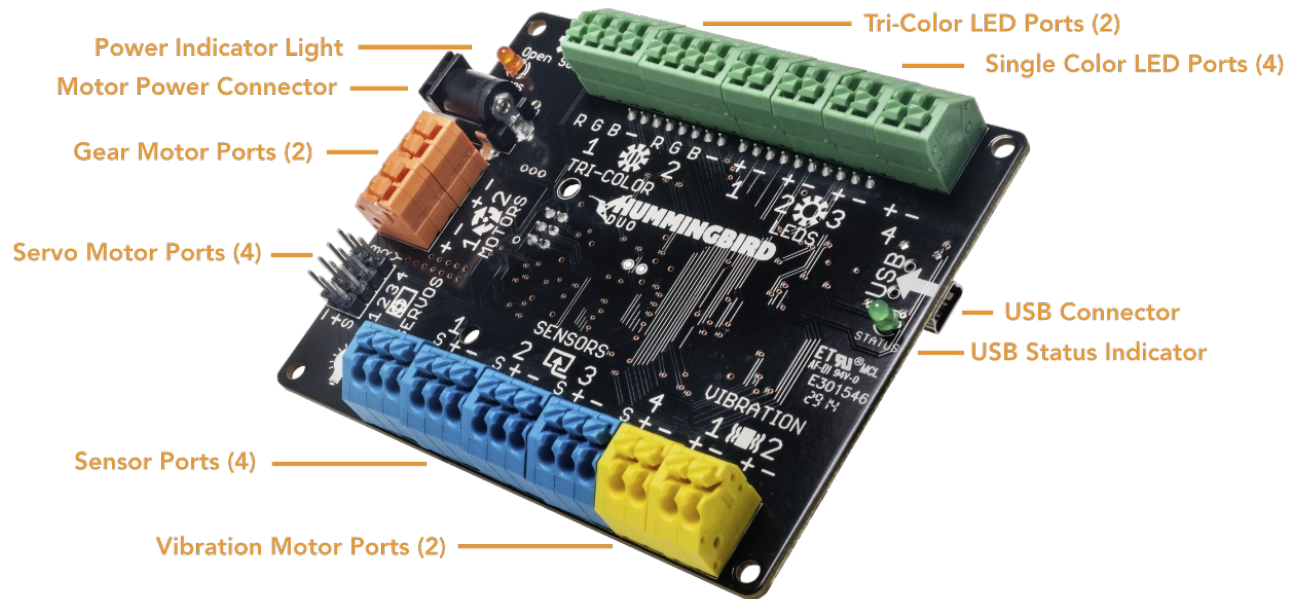
Inputs

Distance Sensor

Measure the distance to the closest object

Sound Sensor

Measure the sound around the robot

Light Sensor

Measure the light around the robot

Rotary Knob

Measure how much the knob is turned

Temperature Sensor

Measure the temperature around the robot

Outputs

Single Color LED

Control the brightness of the light

Tri-Color LED

Control the color of the light

Gear Motor

Control the speed of rotation

Vibration Motor

Control the intensity of vibration

Servo Motor

Control the angle of the motor from 0° to 180°