

# Robotics Kit List

Given below are the items within the robotics kit.

Item	Quantity
Arduino Uno R4 WIFI	1
SG90 Mini Servo	8
Feetech FS90R Servo and Wheel	4
TruMotion DC Motor	2
L298N Dual H-Bridge Motor Driver	1
PCA9685 16-Channel Servo Driver	1
R-Tech Solderless Breadboard 165mm x 55mm	1
Adafruit BNO055 9-DOF Absolute Orientation IMU	1
Seeed Gear Stepper Motor and Driver Pack	2
5VDC 6A Power Supply	1
Adafruit APDS9960 Proximity, Light, RGB and Gesture Sensor	1
HC-SR04 ultrasonic distance sensor	1
DFROBOT DFR0034 Analog Sound Sensor	1
DFROBOT SEN0203 Heart Rate Monitor Sensor	1
Air Pump and Vacuum DC motor - 4.5V and 2.5LPM ZR370-02PM	1
Pimoroni COM2700 Mini Push-Pull Solenoid 5V 0.42A	1

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