

EV3

Getting Started

Supplies?



EV3 Controller



Mini-USB Cable



Wires



PC



Touch Sensor



Color Sensor



Gyro Sensor



Ultrasonic Sensor



Motors (2 Large & 1 Medium)

Handling?



Electronics Connections?

The EV3 Controller has five different types of ports:

- ✓ PC port for USB cable to download
- ✓ Wire Output ports A,B,C and D for motors
- ✓ Wire Input ports 1,2,3 and 4 for sensors
- ✓ USB Host Port for Wi-Fi or connecting Bricks
- ✓ SD Card Port

Available at:

<https://github.com/chaosbuster/StarterCards>



EV3

What Can You Program?

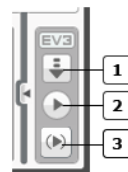
Downloading Programs?



1. Go to a PC with the LEGO Mindstorm EV3 software installed. Run the software.



2. Connect PC and EV3 Controller in one of three ways: *Mini-USB cable, Wireless Bluetooth or Wi-Fi via Wi-Fi Dongle*



3. Create your program (*see below for ideas & How-Tos*)

4. Download program to EV3 by clicking one of the Hardware Page options

Inspiration?



Programming



Ideas & Challenges



Instructables



Simple Robot



More on the EV3



How They Work!

EVERYONE HAS A PART IN KEEPING OUR MAKERSPACE CLEAN!

