



LEGO

# MINDSTORMS

EV3

## Infrared Sensor

Makes your robot see

## Touch Sensor

Makes your robot feel

## Color Sensor

Makes your robot recognize colors

## Programmable brick

The brain and voice of your robot

## 3 Interactive Servo Motors

Make your robot move



A detailed LEGO Mindstorms EV3 robot is shown against a blue, futuristic background. The robot is white and black with red accents. It has a central grey brick with a small screen displaying a diagram with letters A, B, C, D and 'A+D'. The robot has two arms, one holding a red and black claw-like mechanism. It has two legs, one with a black track. The background is a blue, glowing tunnel with a grid pattern.

# CREATE & COMMAND YOUR OWN ROBOT



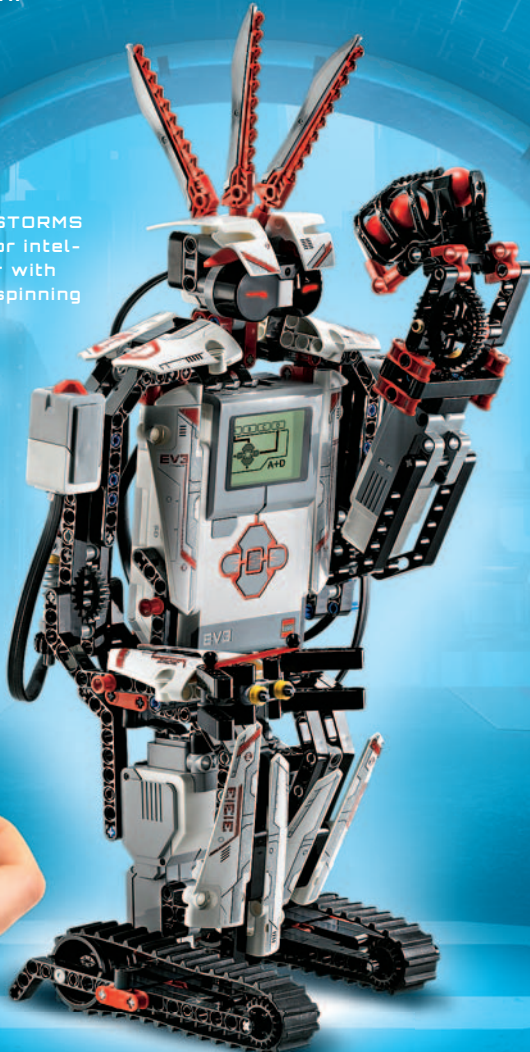
# ROBOT BUILDERS START HERE!

With LEGO® MINDSTORMS® you can turn your LEGO creations into live robots of every type and with any kind of behavior.

However, to get you introduced to what LEGO MINDSTORMS is all about, we recommend that you begin with one of the five cool robot characters. Each character comes complete with 3D building instructions and the LEGO MINDSTORMS app\* or remote control that allows you to instantly take control of the robot with your smart device. Simply turn on the power and let the action begin.

## EV3RSTORM

Leader of the LEGO MINDSTORMS robots. Possesses superior intelligence and fighting power with his blasting bazooka and spinning tri-blade.



## R3PTAR

Strikes at incredible cobra-like speed with its fearsome fangs.



## GRIPP3R

The muscle-robot. Likes to lift heavy things with its solidly build and powerful grasping grippers.



## TRACK3R

Crawler-mounted, all-terrain robot with a total of four interchangeable tools: bi-blade blender, blasting bazooka, gripping claw and heavy hammer.

## SPIK3R

Six-legged creature with a 'lightning' tail. Turns sharply and snaps with its crushing claws.



## WHAT IS LEGO MINDSTORMS?

LEGO MINDSTORMS is a programmable robotics set that gives you the power to build and program your own robots. The new LEGO MINDSTORMS EV3 set includes everything you need – motors, sensors, programmable brick, 550+ LEGO Technic elements, remote control – to create robots that walk, talk, move and do whatever you want them to. Build your robot and program it via the intuitive software program, the programmable brick or your smart device.

If you can think it, LEGO MINDSTORMS lets you create and command it.



\* Building instructions and app can be downloaded from [LEGO.com/mindstorms](http://LEGO.com/mindstorms)

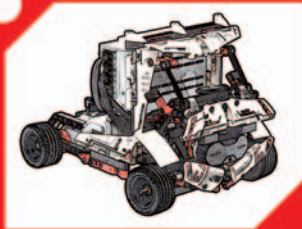


# READY, SET, GO!

With the new LEGO MINDSTORMS EV3 set, building your own robot has never been easier. Think of a robot and then build it. The programming software then acts as your guide as you bring your robot to life.

## 1 THINK IT

Think up the robot you want to create and what you want it to do. Should it play the guitar, protect your room against unwanted intruders or throw biscuits at your dog when it barks – you decide!



## 2 BUILD IT

Build your robot using the LEGO Technic elements and intelligent sensors included in the LEGO MINDSTORMS set.



## 4 COMMAND IT

Control and command your robot with your smart device using the LEGO MINDSTORMS app or directly via the programmable brick. It's that easy!



## 3 PROGRAM IT

Program your robot in LEGO MINDSTORMS' intuitive icon-based programming interface. Drag and drop the actions that you want into the programming window and adjust them to suit your robot's behavior.





# EVERYTHING YOU NEED!

Small robots, big robots, simple robots, complex robots, cool robots - the LEGO MINDSTORMS EV3 set is packed with all the latest technology and includes everything you need to create robots beyond even your wildest imagination.



Programmable brick



Color Sensor



Touch Sensor



Remote Control

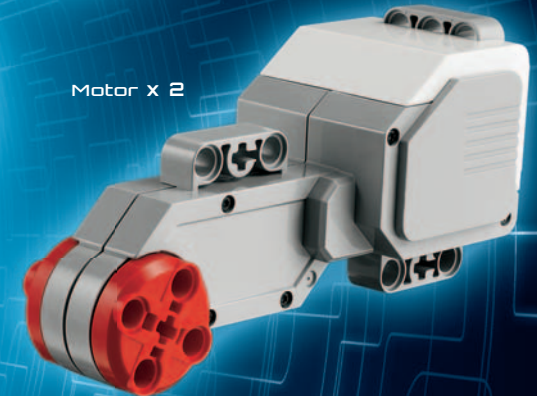
Motor x 1



Motor x 2



Infrared Sensor



## FEATURES

- Programmable brick with intuitive user interface and sound.
- Powerful ARM9 processor - makes your robot react fast.
- Icon-based programming software - allows you to program your robots to do what you want them to.
- App - allows you to control your robots with your smart devices.
- Built-in speaker - makes your robot speak.
- 3 interactive servo motors - make your robot move in multiple ways and directions.
- Infrared Sensor System - enables your robots to track and find the Remote Control/beacon.
- Touch Sensor - makes your robot respond to touch.
- Color Sensor - makes your robot recognize colors.
- WiFi access via the USB host - connects your robot to the Internet.
- Micro SD card reader - adds extra memory.
- Remote Control - steers your robot from a distance.
- 550+ LEGO Technic elements.

# JOIN THE FUN TODAY!

LEGO MINDSTORMS is so much more than just a robotics set. It's thousands of YouTube videos and a buzzing community of passionate fans. It's competitions, games, and challenges. And it is open for everyone, even if you don't have a LEGO MINDSTORMS robot just yet. Visit us at:

[LEGO.com/mindstorms](http://LEGO.com/mindstorms)

## PLAY THE GAME

Fix all the broken robots inside the big NoGo Robot factory. Complete all levels, collect bonus points and become a robot master!



AVAILABLE AT LAUNCH

## WATCH THE VIDEOS

See the many amazing robots built by some of our most creative fans and learn how they made them.

## JOIN THE COMMUNITY

Meet other LEGO MINDSTORMS fans and share your robots, discuss your ideas, and get inspired to build even bigger and crazier robots.

Made for



iPod



iPhone



iPad

