



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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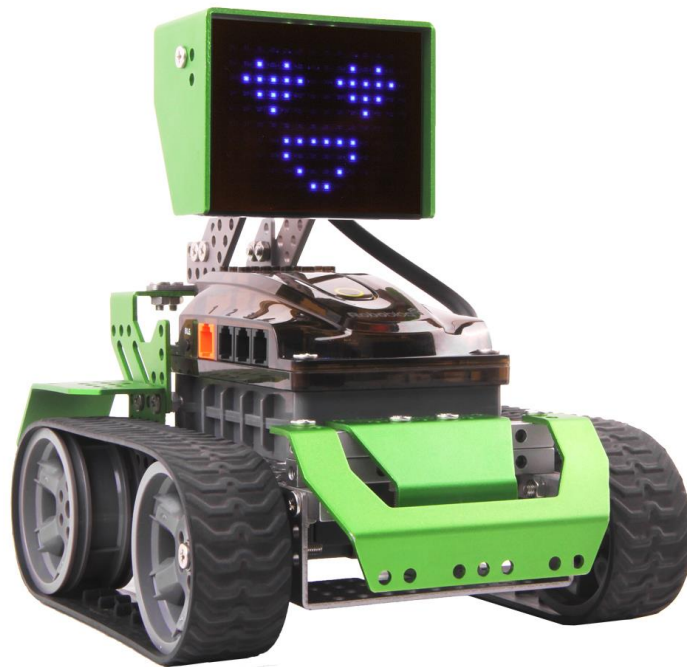
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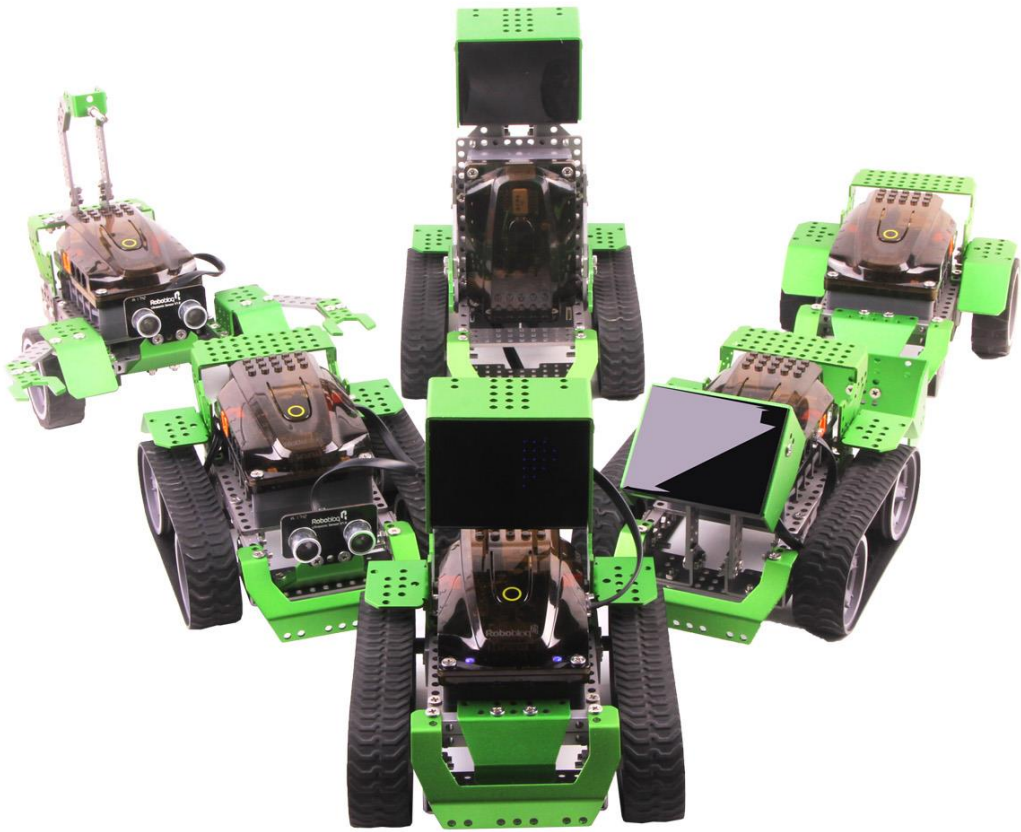


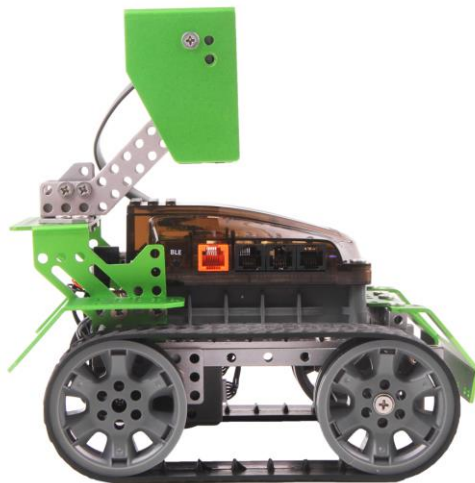


Robobloq Qoopers 6-in-1 Transformable Robot Kit

SKU 110090162







Description



The best designed platform to learn robotics and programming.

Do you want to build your own robot, but hate the wriggling cables and the rugged circuit boards? Then you'll like Qoopers. Qoopers is a transformable robot with extensive DIY capacity, and is made with anodized aluminium to have a mature look. Qoopers is also an expanding aluminium construction platform. You can build your own robots with growing options of sensors and parts, and go endless with your imagination.

Transformable



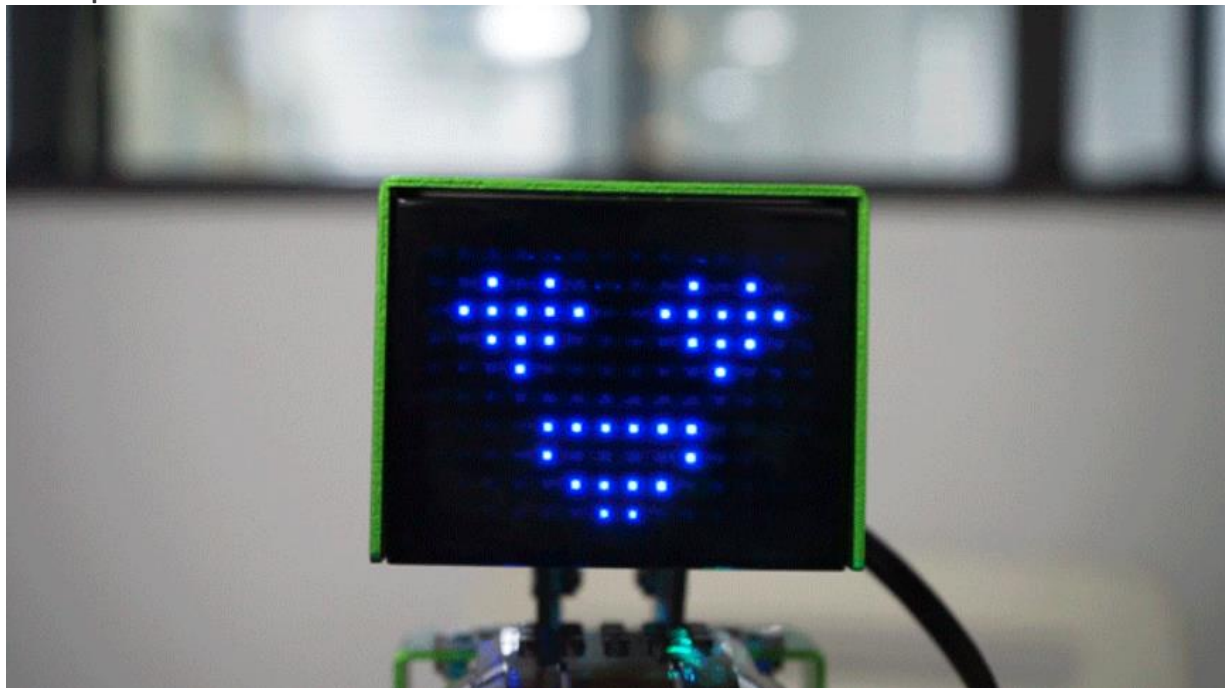
Before you start to build, pick your favorite character to begin with! Qoopers has 6 members and each of them has different look and functions! And of course you can build any other forms as you want!

App Control



Meet the Robloq app, the playground for everything about Qoopers. In the app, you can find assembling instructions for each official form. You can control Qoopers to move, play sounds, make faces, or even act to your programs!

Face Expressions



Qoopers has emotions, and apart from the presets, you can define more emotions using the LED Dots Matrix Customizing interface.

Obstacle Avoiding



Relax and just play! The ultrasonic sensor contributes to an obstacle avoiding mode. You're not going to hurt your Qoopers, or your furnitures.

Drag-and-Drop Programming

A screenshot of a drag-and-drop programming environment titled "My Application". The interface features a dark blue background with a grid. On the left, there is a vertical menu with colored buttons for "Start" (yellow), "Motion" (blue), "Light" (purple), "Sound" (pink), "Control" (orange), "Operator" (green), "Sensing" (light blue), and "Variable" (dark orange). The main workspace contains a sequence of code blocks: a "wait 1 secs" block, a "run forward at speed 0" block, an "if" block with a condition "variable A > 0" and a "then" clause containing "run forward at speed 60", "wait 1 secs", and "run forward at speed 0", followed by a "set variable A to 0 - variable A" block, and finally a "stop all" block. On the right side, there are several circular icons: a search icon, a zoom in icon, a zoom out icon, an equals sign icon, and a trash can icon.

The easiest programming environment EVER! The "My Application" center is a graphical programming environment based on Scratch 3.0. You can not only control Qoopers' actions in sequence, you can also use variables and loop commands to create sophisticated programs.

Lego Compatibility



Pick up your Lego blocks and play them the new way! Stack them on Qoopers and make a colorful robot!

Specs

Types of transformation	6
Types of parts	47
Parts quantity	174
Colors of parts	Green and Gray
Motor	520 encoder motor(Metal gears)
Microcontroller	Qmind Plus(Mega 2560)
Communication	Bluetooth(Individual users)
Extended port	two ports for motors , six for sensors. Support four motors max.
Inputs	1xButton, 1xUltrasonic Sensor with six built-in RGB LEDs
Outputs	1xBuzzer, 2xRGB LED, 1xLED Matrix14x10
Battery	six AA baterries
Software	Robobloq APP
Assembled Dimensions	214x248x166mm Max
Package Weight	1800g

Parts List



Technical Details

Dimensions	248mm x 214mm x 166mm
Weight	G.W 1800g
Battery	Exclude

Part List

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