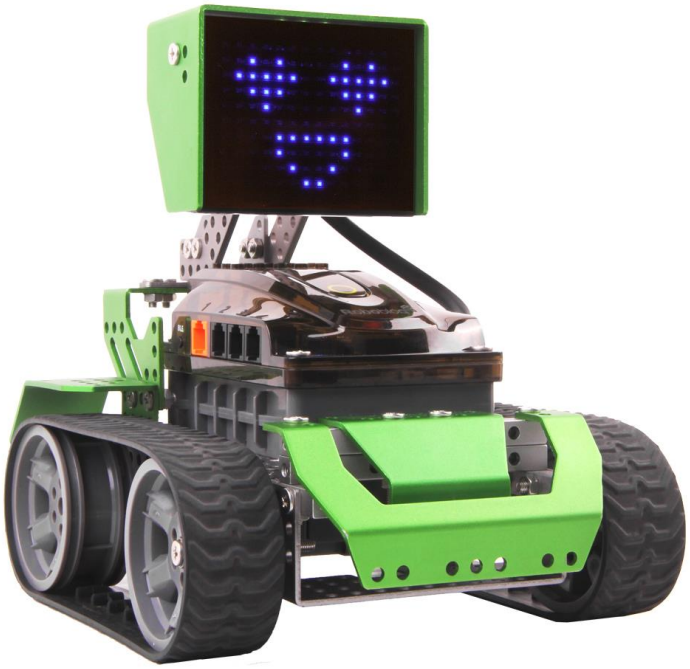
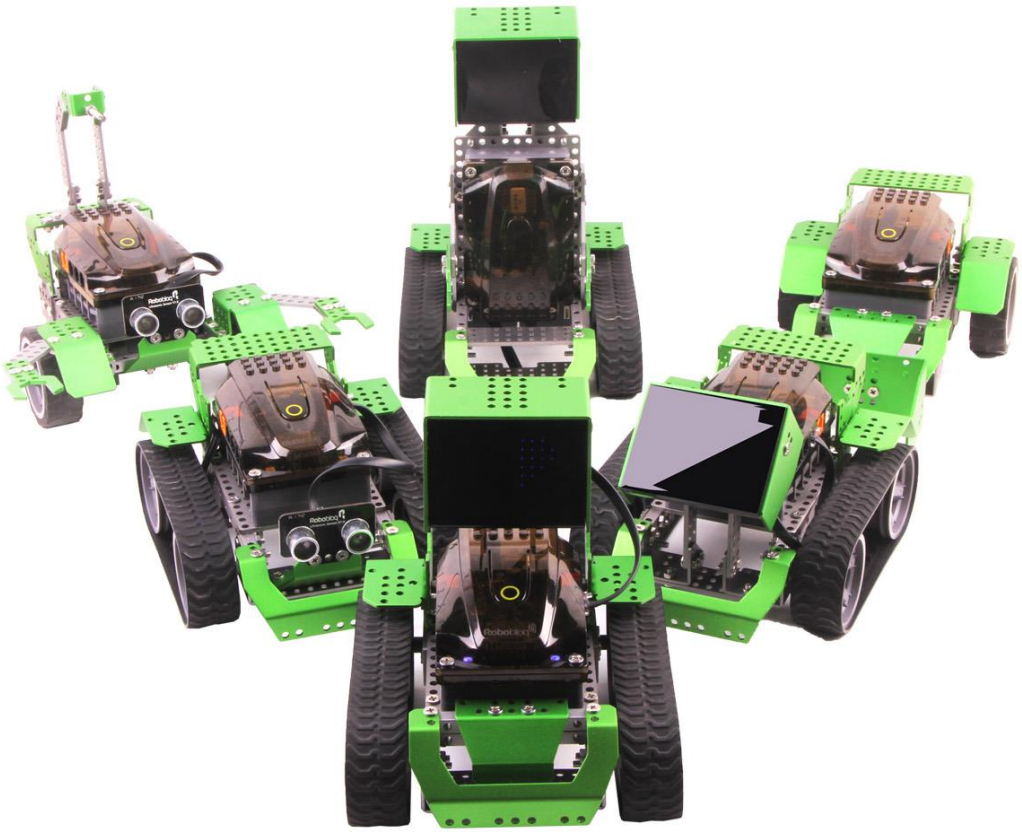
Robobloq Qoopers 6-in-1 Transformable Robot Kit

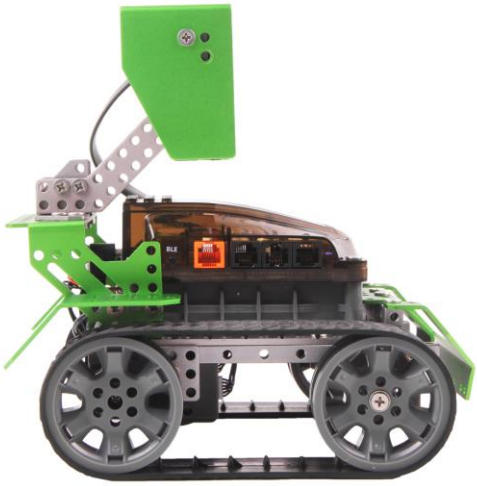
SKU 110090162





Robobloq
Ultrasonic Sensor V1.0

Roboblog
STEAM
Alloy Block Robots
Qoopers
Programmable · Educational
6in1



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.

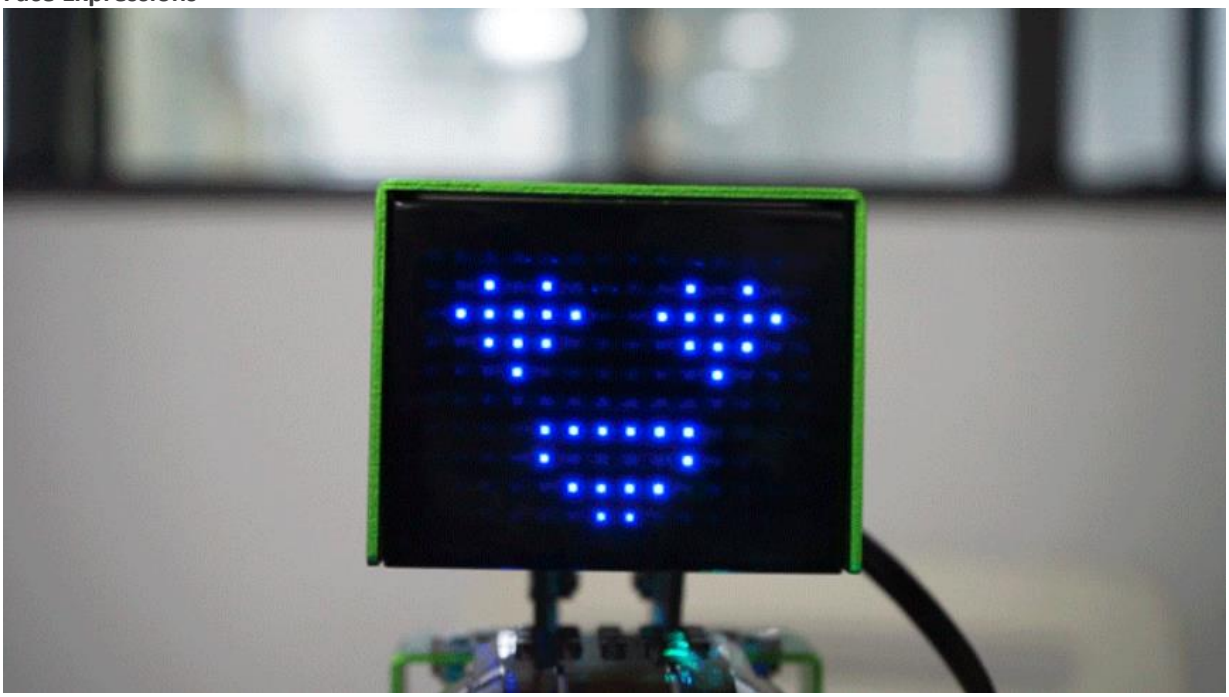
Transformable

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 Robobloq 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

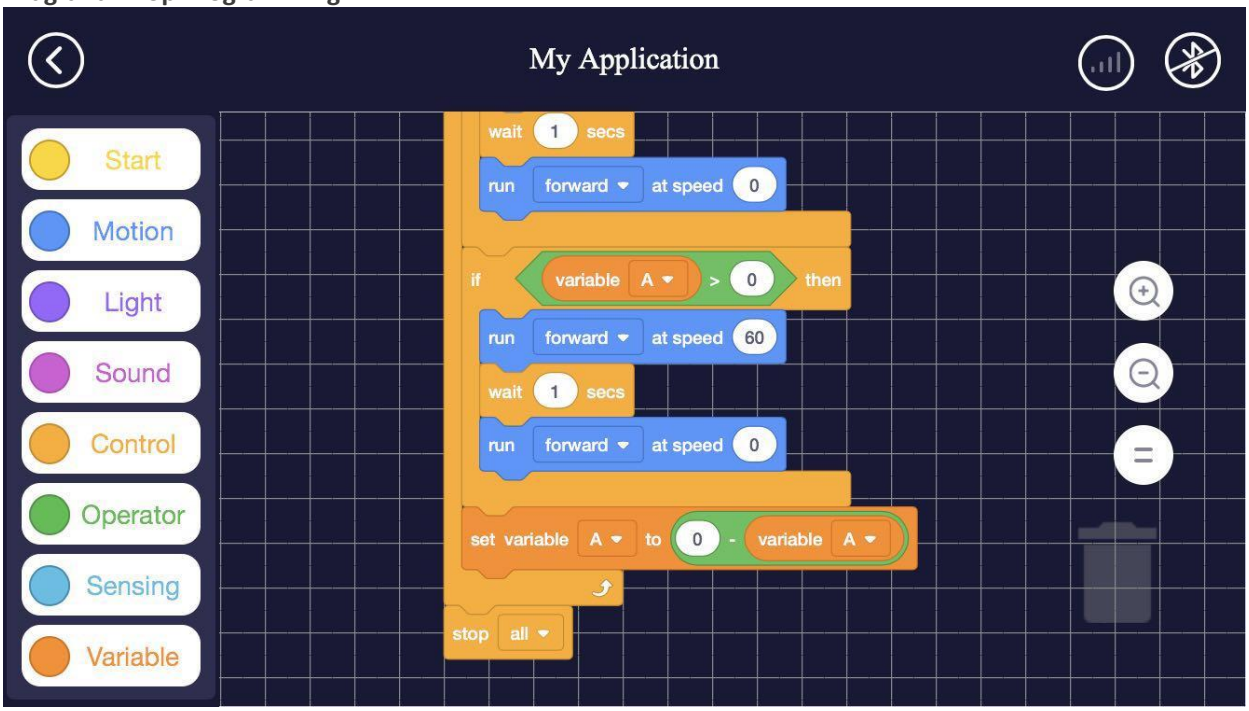


Qoopers has emotions, and apart from the presets, you can define more emotions using the LED Dots Matrix Customizing interface.

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



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(Indivdual 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
Baterry	six AA baterries
Software	Robobloq APP
Assenbled 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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