



GoPiGo Beginner Starter Kit

ROB-14801

The GoPiGo Beginner Starter Kit from Dexter Industries is a complete robotics kit controlled by the Raspberry Pi 3. The GoPiGo works at the level you're at — whether you are a parent looking for a smart, fun weekend project to do with your kid, a teacher looking for a way to increase engagement in your science course, or a grad student in need of a platform for your robotics research that requires mobility! Assembly only takes about 30 minutes which means you will be able to start using your new robot platform almost immediately after receiving it.

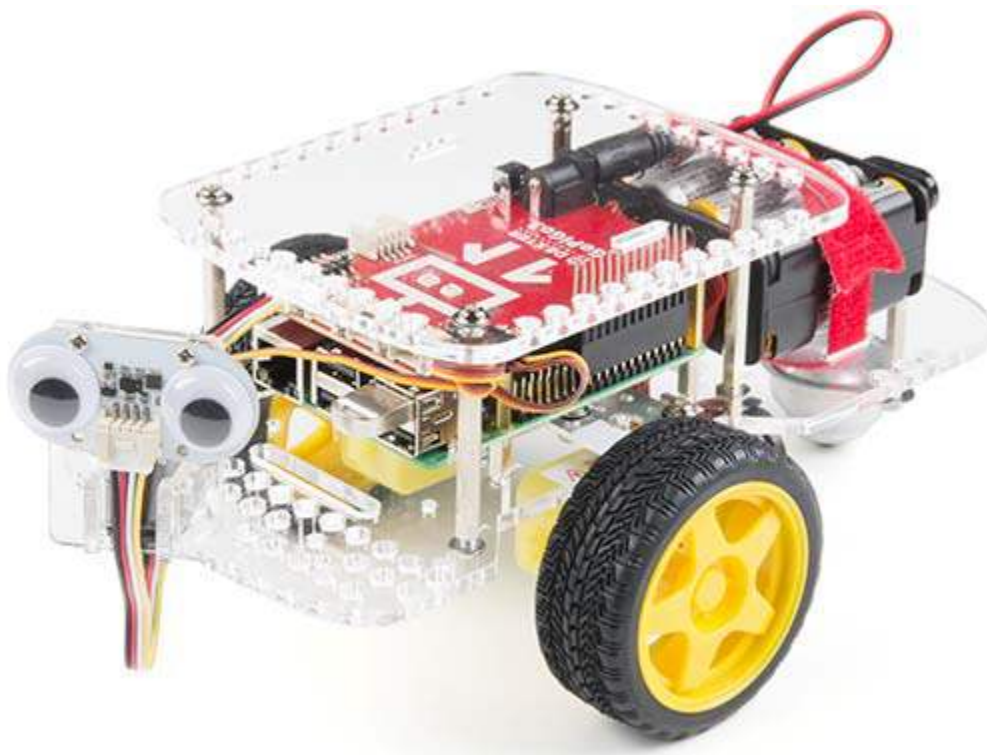
The GoPiGo has been built to be a robot that can survive bumps and falls with thick acrylic, stronger metal brackets, and a better assembly experience. With the included GoPiGo board you will be able to connect up to five sensors (two Analog/Digital, two I²C, one Serial), two Servos, and a camera! Additionally, motors on the GoPiGo have built-in encoders, giving the robot precise and accurate motor control.

DexterOS, the software that comes with the GoPiGo Beginner Starter Kit, has dozens of free, built-in lessons to teach you to program the GoPiGo in Bloxter (a drag-and-drop language just like Scratch). There's no software to download or install on your device.

The GoPiGo includes everything you need to get started from scratch including a GoPiGo3 Base Kit, Raspberry Pi 3, GoPiGo Servo Package, Distance Sensor, microSD Card (with pre-loaded DexterOS software), 8GB USB Drive, a Power Supply, and more. The only thing you will need to supply are eight AA-sized batteries since they are not included with the kit.

INCLUDES

- GoPiGo3 Board
- Raspberry Pi 3
- Distance Sensor
- GoPiGo Servo Package
- microSD Card with Dexter Industries custom DexterOS software
- 8GB USB Drive
- Wall Adapter (110-240V)
- Acrylic Chassis
- Wheels
- Caster Wheel
- Hardware Pack
- Motors
- Motor Encoders
- Motor Brackets
- Cables
- Battery Pack & Cable
- Screw Driver
- Velcro Strap





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