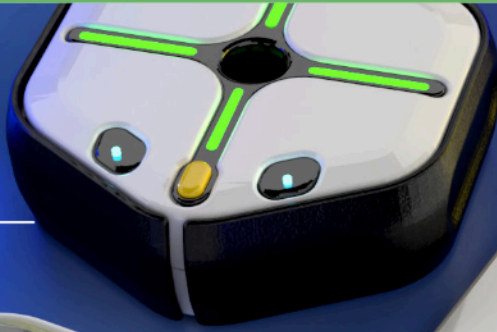
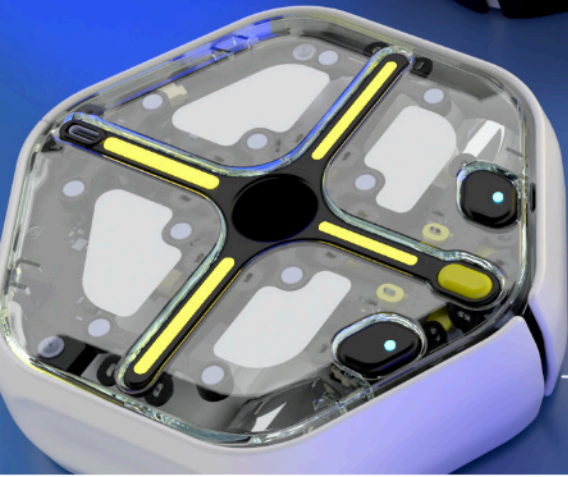


Root® Pro  
Coding Robot



Root® Lite  
Coding Robot



## Root® Coding Robots Using Robots to Empower Learning.



### Take learning to code to the next level

Bringing code to life through art, music and hands-on activities, iRobot's Root® coding robots deliver a revolutionary coding experience suitable for any expertise, from pre-readers to advanced coders.



### Not just your average coding robot

A creative combination of features and sensors appeal to students of all interests. Program your Root® robots to drive, draw, react to touch, glow the colours of the rainbow, play music and more!



### 3 Learning Levels for any skill-level

Easy for beginners, but still challenging enough to keep experienced coders engaged. Students can begin with graphical coding before advancing to hybrid coding, then full-text coding.

With over 30 years of building and programming robots, learn to code from the expert that brings you the Roomba® robot vacuum and Braava® robot mop.



## Root® Lite/Pro coding robot features:



### iRobot® Coding App included

Pair your classroom's Root® robots with the iRobot® Coding App using Bluetooth® technology to watch projects come to life. Get coding now at [code.irobot.com](https://code.irobot.com)



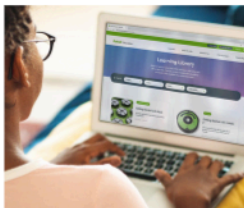
### Connect classroom learning with the real world

Use interactive experiences with the Root® coding robots to increase student engagement and relate classroom learning to the real world.



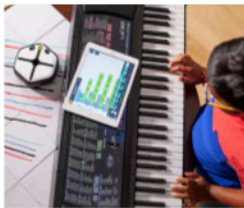
### Seamlessly switch code across Learning Levels

An auto-level converter instantly translates code across each Learning Level, making the Root® robots great tools for differentiated learning opportunities.



### Hours of free and premium learning content

A [learning library](#) offers hours of free activities to encourage student learning. Premium content modelled after educational standards is available with a subscription.



### Form cross-curricular connections

From STEM subjects to history, ELA, art and beyond, use the Root® robots to combine the content and skills from multiple subjects into a single interactive learning experience.



### Bring learning into the home

Students can access iRobot® Coding at home to practice their coding skills with virtual SimBots before returning to the classroom and sharing their discoveries.



### Make the robot do more

Use the magnetic attachment points, marker holder, or charging port on the Root® robots to attach accessories or your own 3D printed creations.

## Specifications

### PRODUCTS

Root® Lite UPC	885155024756
Root® Pro UPC	854967008001
Battery Type	Lithium ion
Connectivity	Bluetooth® Low Energy

### MODEL COMPARISON

Features	Root® Lite	Root® Pro
Drives	✓	✓
Draws	✓	✓
Plays Music	✓	✓
LED Lights (4x)	✓	✓
Light Sensors (2x)	✓	✓
Top Touch Sensors (4x)	✓	✓
Front Bumpers (2x)	✓	✓
Sound Sensor	✓	✓
Colour Sensor	X	✓
Climbs Magnetic Surfaces	X	✓
Erases Magnetic Surfaces	X	✓
Whiteboard Top	X	✓
Accessories Available	✓	✓

### SUPPORTED OPERATING SYSTEMS

Android
Chrome OS
Windows
iOS
macOS

[edu.irobot.com](https://edu.irobot.com) | [education@irobot.com](mailto:education@irobot.com)

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\*In order to connect to the Root® coding robot using the iRobot® Coding App, your device requires Bluetooth Low Energy (BLE) and a supported browser such as Chrome or Edge.