



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!



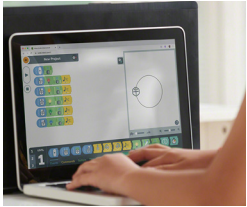
3 Learning Levels for any skill-level

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



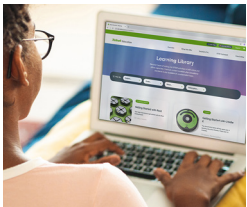
Connect classroom learning with the real world

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

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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.