









Specifications	VinciBot	Ozobot
		
Age group and price	Age 8+, Euro 149,50	Age 6+, \$79?
Painting	High-precision stepper motor to support precise painting	x
Compatibility with Lego	Supports	x
LED dot matrix panel for expressions	Dot matrix consisting of 128 white LEDs	x
Light	6 programmable RGB LEDs	1 RGB light
Player	Speaker (supports formats such as wav, mp3, etc.)	Buzzer
Wireless connection	Bluetooth & Wi-Fi	Bluetooth
Communication port	USB storage/USB CDC	x
Power supply	Built-in 1500mAH rechargeable lithium battery	Built-in rechargeable lithium battery
Infrared communication	Supports (1 transmitter, 2 receivers)	x
Light sensor	2	x
Sound sensor	1 (Supports sound detection/voice recognition)	x
Color sensor	Supports	Supports
Line tracking sensor	Supports (line tracking/cliff detection)	Supports line tracking
Range/obstacle detection	Range/obstacle detection	x
Programmable button	3	x
Power take-off (PTO) shaft	1 on left wheel, 1 on right wheel	x
Module extension	1 Type-C expansion interface	x
Programming languages supported	variable programming (supports hardware configuration) ScratchJr Scratch Blockly Python	Color programming Blockly
App	Supports	Supports

Edison	Wonder	WeDo
		
Age 4~16, \$59	Age 6~11, \$179	Age 7~9, \$150?
Lego to support simple painting applications	Lego to support simple painting applications	x
Supports	Supports	Supports
x	x	x
2 red LEDs	Light ring consisting of 12 white LEDs	1 RGB light
Buzzer	Speaker	x
Bluetooth	Bluetooth	Bluetooth
USB CDC	x	x
Built-in rechargeable lithium battery	Built-in rechargeable lithium battery	2 AA batteries
Supports (2 transmitter, 1 receivers)	Supports (4 transmitter, 2 receivers)	x
2	x	x
1 (Supports sound detection)	3	x
x	x	x
Supports line tracking	x	x
Obstacle detection	Obstacle detection	Range/obstacle detection
2 programmable buttons, 1 non-programmable button 1 on left wheel, 1 on right wheel. Can be used after the wheels are removed	1	x
x	x	1 medium motor
x	x	2 LPF 2.0 interfaces
Blockly Scratch Python	Blockly	Blockly Scratch
x	Supports	Supports

Codey Rocky	mBot	Artie 3000
		
Age 6+, \$129	Age 8+, \$90	Age 7~12, \$69.99
x	x	High-precision stepper motor to support precise painting
Supports	Supports	x
Dot matrix consisting of 128 blue LEDs	x	x
x	2 RGB light	x
Speaker	Buzzer	Buzzer
Bluetooth	Bluetooth	Integrated Wi-Fi server
USB CDC	USB CDC	x
Built-in rechargeable lithium battery	Supports rechargeable lithium battery and dry cell	Dry cell
Supports (1 transmitter, 1 receivers)	Supports (1 transmitter, 1 receivers)	x
1	1	x
1 (Supports sound detection)	x	x
Supports	x	x
Supports (line tracking/cliff detection)	Supports (line tracking/cliff detection)	x
Obstacle detection	Range/obstacle detection	x
3	x	x
1 on left rear wheel, 1 on right rear wheel	x	x
1 neuron interface	4 RJ25 ports	x
Blockly Scratch Python	Blockly Scratch Python	Blockly
Supports	Supports	x

## Botely2.0



Age 5~10, \$84.99

x

x

x

x

Speaker

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x

Dry cell

Supports

(1 transmitter, 2 receivers)

1

x

x

Supports line tracking

Obstacle detection

x

x

x

Remote button programming

x