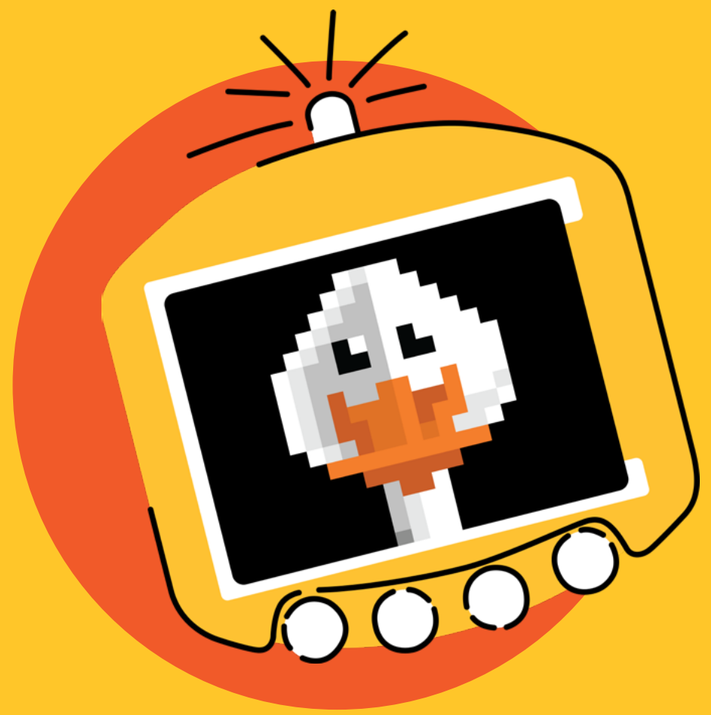
Actual STEM, serious fun

CircuitMess

CIRCUITPET



CircuitPet

MSRP

119,99 USD

Build & Code Your Own Handheld Virtual Pet

CircuitPet is a DIY virtual pet similar to Tamagotchi. Like any other pet, you can play with it, take care of it, love it and help it grow!

HOW DOES IT WORK?

1

Follow the online tutorials and assemble your CircuitPet

2

Learn about real–time clocks and low–power technology

3

Play with, take care of, and love your virtual pet duck

4

Hook CircuitPet to a computer and code it

What educational toys should NOT do:

Lack actual useful educational content

Be a label for cheap regular toys

Enforce gender stereotypes

What educational toys should do:

Teach you actual science

Provide hours of building and infinite enjoyment

Provide real-world application

You'll learn about hardware

- Soldering & hardware assembly
- RTC (real–time clocks) & TFT LCD displays
- Microcomputers and other electronic components

~2 hours build time

Ages 11+

You'll learn about software

- Coding in C++ & CircuitBlocks, Embedded programming
- Low power & always–on technology
- Video game mechanics

10 hours of learning

Infinite fun

What's inside the box?

1 Stickers

2 Yellow lanyard

3 Collector's card

4 Li–Po battery

5 Acrylic stand

6 Display board

7 Main circuit board

8 Back acrylic casing

9 Front acrylic casing

10 RGB LED

11 Resistors

12 USB–C cable

13 On–off switch

14 Male and female pin headers

15 Pushbuttons

16 Button caps

17 Metal bolts

18 Brass spacers

Things you can do with your CircuitPet as soon as you assemble it:

- Play with it, take care of it, love it and help it grow!
- Collect XP with fun minigames
- Keep the rust away and level up your character
- Code in your custom apps and games

Getting started with coding has never been easier

You can code CircuitPet in CircuitBlocks — our custom-made code editor similar to Scratch that makes it easy for beginners to get into physical computing.

Circuit BLOCKS

Logic blocks

C++ coding

Get instructions from our custom-made curriculum

15+ hours of content

Teacher and student friendly

Structured lessons

3 MAIN TOPICS

Get to know electronics through hands-on activities.
Assemble the kit and create your own apps and games.

Assembly

Electronics

Programming

People all around the world love it!

CircuitMess
Reviews 127 • Excellent
4.8

Peter Mansvelder, United Kingdom

I use these kits for my daughter, she is so fond of them she wished her school used them... It is a great way to get her acquainted with technology, stimulate her creativity, and share some of my passion for electronics.

Matt, Germany

Great products with a fantastic message. Fast delivery. A joy to use and play with for kids and adults as well.

Foulonc, Belgium

Thank you for an awesome product yet again! Quality of components is again top notch, manual is clear. Had great fun building this one.

As seen in media

Mashable

"It is surprisingly cool looking and unmistakably retro."

Forbes

"What sells MAKERbuino is the sense of satisfaction, accomplishment, and ownership that comes with assembling your own game console from scratch."

Tech Crunch

"It's a fun project and maybe you could make it your weird home messaging machine. I don't know. Be creative."

$400k+ raised on Kickstarter

$408,749
raised out of a $15,000 goal

2,001
backers

orders@circuitmess.com

CircuitMess

CIRCUITPET