

HackerBox #0041 – ItsyBitsy M4 + CircuitPython + MakeCode Arcade

PRODUCT ID: 4102

"HackerBoxes deliver interesting and exciting gear for exploring and learning electronics and computer technology. HackerBox Hackers are electronics hobbyists, makers, hackers, and computer enthusiasts. We are the dreamers of dreams. We connect through social media to create a community of experience, support, and new ideas."

We're pleased as punch to carry HackerBox #0041 – CircuitPython! HackerBox #0041 is a super fun and thoughtfully curated subscription box to get started with CircuitPython.

We're maybe a little biased, but we think this is the best HackerBox ever – and not just because we partnered with HackerBoxes on this one to provide the ItsyBitsy M4.

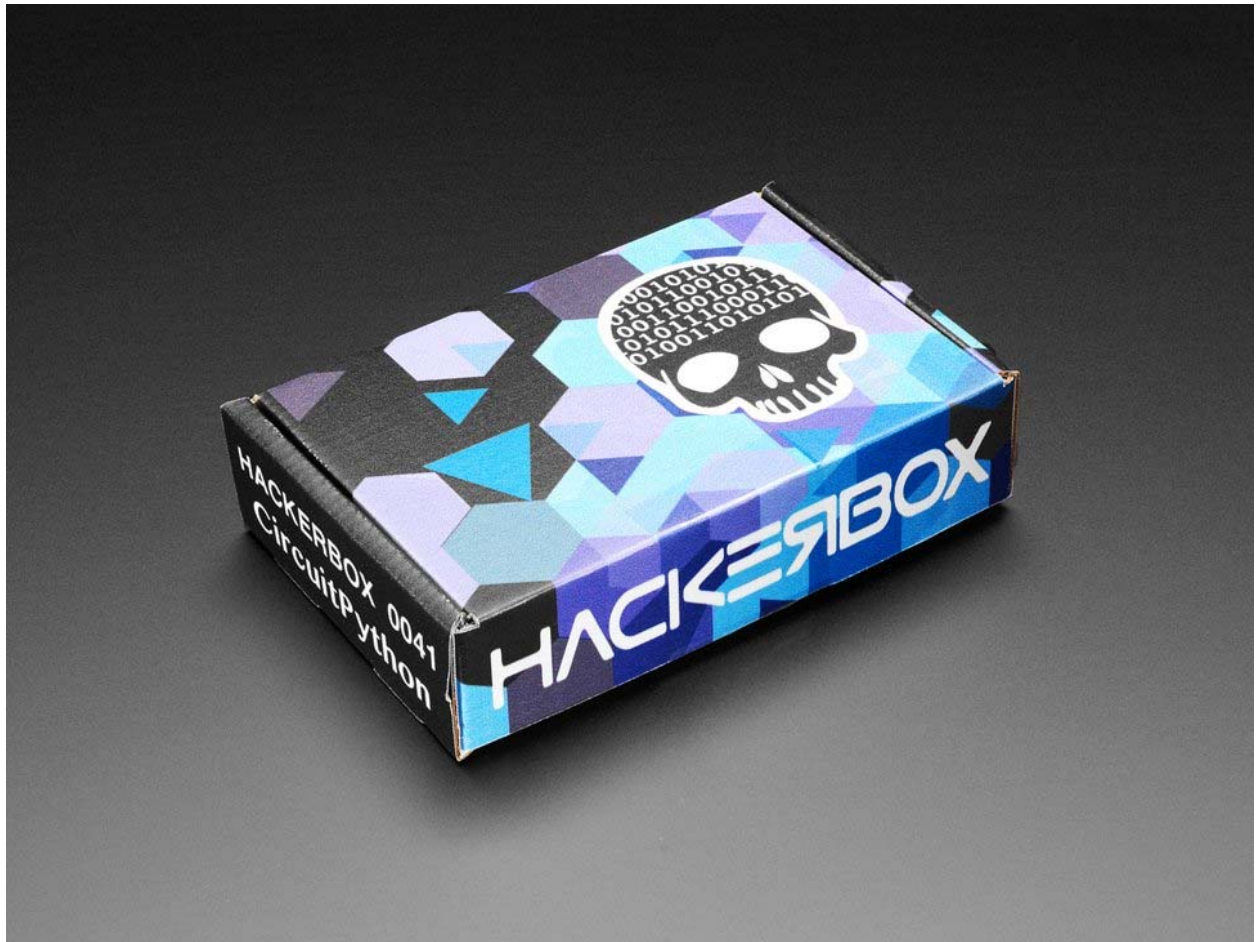
Please note: HackerBoxes require soldering and other common hand tools to put together!

You'll learn how to program embedded systems, cobble together a retro gaming platform with MakeCode Arcade, and more!

This HackerBox highlights one of our favorite boards, the Adafruit ItsyBitsy M4 Express! Small, powerful, with a ultra fast ATSAM51 Cortex M4 processor running at 120 MHz – this microcontroller board is perfect when you want something very compact, with a ton of horsepower and a bunch of pins. This Itsy is like a bullet train, with its 120MHz Cortex M4 with floating point support and 512KB Flash and 192KB RAM. Your code will zig and zag and zoom, and with a bunch of extra peripherals for support, this will for sure be your favorite new chipset.

HackerBox Includes:

- Adafruit ItsyBitsy M4 Express
- Exclusive MakeCode Arcade PCB
- Exclusive Atari Punk Console PCB
- Color Display 128x160 Pixel TFT
- 5 x CR2032 Coin Cell Batteries
- 2 x Electronic Component Packs
- RGB 12 LED Ring Module
- SG90 Micro Servo Motor
- 400 Point Clear Breadboard
- DuPont Jumper Wires Male–Male
- Braided MicroUSB Cable
- Exclusive Circuit Python Decal
- Exclusive HackerBox Maker Decal
- Exclusive HackerBox Iron–On Patch



<https://www.adafruit.com/product/4102/4-15-19>