

Flipper Zero

Flipper Zero is a portable multi-tool for pentesters and geeks in a toy-like body. It loves hacking digital stuff, such as radio protocols, access control systems, hardware and more. It's fully open-source and customizable, so you can extend it in whatever way you like.

The idea of Flipper Zero is to combine all the hardware tools you'd need for exploration and development on the go. Flipper was inspired by pwnagotchi project, but unlike other DIY boards, Flipper is designed with the convenience of everyday usage in mind – it has a robust case, handy buttons, and shape, so there are no dirty PCBs or scratchy pins. Flipper turns your projects into a game, reminding you that development should always be fun.

Flipper Zero is a tiny piece of hardware with a curious personality of a cyber-dolphin. It can interact with digital systems in real life and grow while you use it. Explore any kind of access control system, RFID, radio protocols, and debug hardware using GPIO pins.





Flipper Zero is completely autonomous and can be controlled from a 5-Position directional pad without additional devices, such as computers or smartphones. Common scripts and functions are available from the menu.

For more control, you can connect to Flipper via USB. Instead of a TFT/IPS/OLED, we decided to build in a cool old-school LCD screen, which is perfectly visible in sunlight and has an ultra-low power consumption of 400nA with the backlight turned off.

More about Flipper Zero <https://flipperzero.one/>