



# Arduboy

SKU 114990348



## Description

What is Arduboy?

Arduboy is an open platform for people to play, create and share games. A game system the size of a credit card. Choose your favorite classic game from the completely free Arduboy Arcade. Built on the popular Arduino software, it's also an excellent way to learn how to program! Because you can learn to make your own games, Arduboy is a game system the size of your imagination!



## Key Features

- 1.3" Brilliant Black & White OLED Display
- 6 Tactile Momentary Push Buttons
- 2 Channel Piezo Speaker
- Durable Metal & Polycarbonate Construction
- 8+ Hour Battery Life & Rechargeable
- Fully Programmable with Arduino!

## Specs

- Processor: ATmega32u4 (same as Arduino Leonardo & Micro)
- Memory: 32KB Flash, 2.5KB RAM, 1KB EEPROM
- Connectivity: USB 2.0 w/ built in HID profile
- Inputs: 6 momentary tactile buttons
- Outputs: 128x64 1Bit OLED, 2 Ch. Piezo Speaker & Blinky LED
- Battery: 180 mAh Thin-Film Lithium Polymer
- Programming: Codebender, Arduino IDE, GCC & AVRDUDE



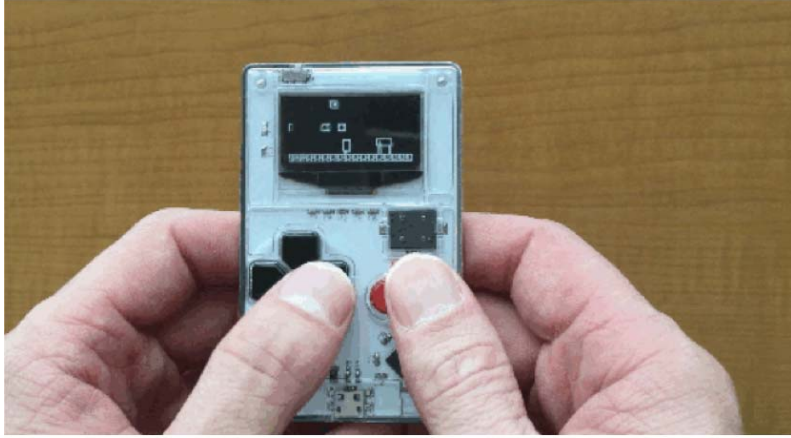
A polycarbonate front, ultra thin circuit board, and stamped metal back gave us the ultimate combination.

A rechargeable lithium polymer battery provides over 8 hours of battery life, and the same cable you use to charge can be used to upload new games!

## Open Source Gaming!



Create and share games online, Arduboy is fun for everyone!



## Free Games!

Every game published on ArduBoy Arcade will be free, open source and available to be edited. We have sent out over a hundred developer kits and here are a few titles the community has built and we are working on adapting to the platform:



Special thanks to the Arduino Gaming Community!! We are proud to join the party of open source gaming started by these awesome projects that pioneered the way to make and share games!

- Hackvision
- Gamebuino
- TeamARG

Everyone playing Arduboy!



Ready to Play

You can find various games from Arduboy community **here**.

<http://community.arduboy.com/c/arduboy/games>

## PART LIST

- 1x Arduboy (Color: White)