Introducing Arduboy

Arduboy is a miniature game system the size of a credit card. It comes installed with a classic 8-bit game and can be reprogrammed from a library of open source games available online. Arduboy is open source so you can learn to code and create your own games.
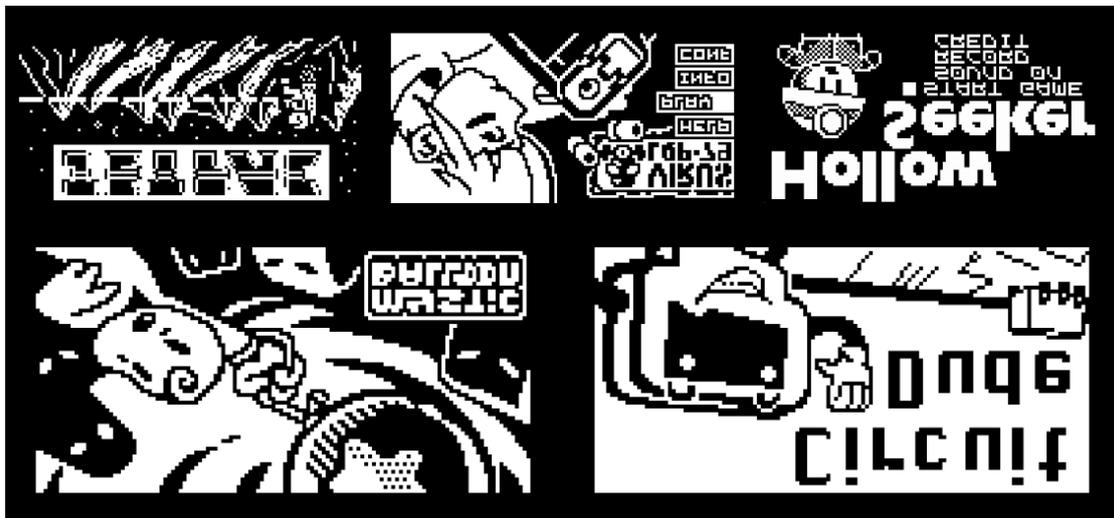

Easy to Learn
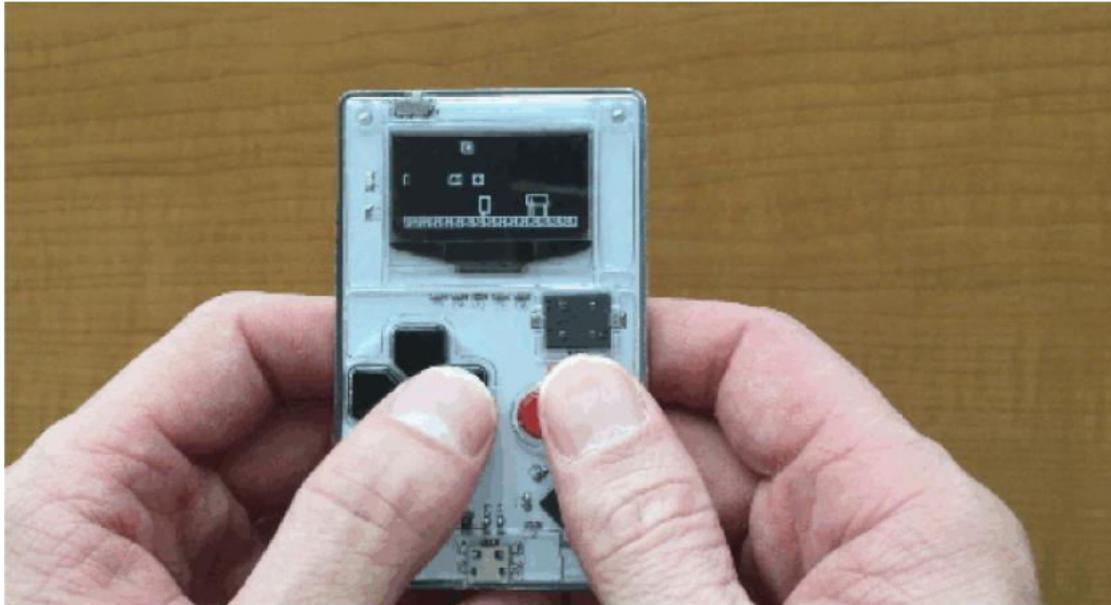

Open Source

8-Bit Gaming

Open Sourced Gaming!

Games for the Arduboy are made by users! Anyone can create and publish games with a friendly and active community of developers online! Check out some of the community's favorite games below!

Every game published on Arduboy Arcade is free, open source and available to be edited. There are now approximately 100+ games, tutorials and other fun codes online on the community site, and many more are added every week by the Arduboy community.

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

Start to Play!
Using the Arduboy for the first time is easy! All you need is a PC with an internet connection and a Micro-USB Cable! Follow the steps in the Quick Start Guide to get started with your Arduboy!

Specifications

- 1-Bit OLED Matrix Display, 128x64 Pixels
- 8-Bit Microcontroller, ATmega 32u4
- 16Mhz, 32KB Flash, 2.5KB RAM, 1KB EEPROM
- 6 Hour Battery, 180mAh Lithium Polymer
- Arduino Compatible
- USB Recharge and Reprogram
- 6 Soft Click Buttons
- RGB LED and Piezo Speaker

A polycarbonate front, ultra-thin circuit board, and stamped metal back is the ultimate combination to enjoy retro gaming. A rechargeable lithium polymer battery provides over 8 hours of battery life, and the same data cable you use to charge can be used to upload new games!

Technical details

Weight	G.W 40g
Battery	Lithium Cells / Batteries contained in equipment UN3481 - PI967

Part List

Arduboy (Color: White)	1

ECCN/HTS

HSCODE	9504901000
UPC	841454120612
ROHS	1