



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

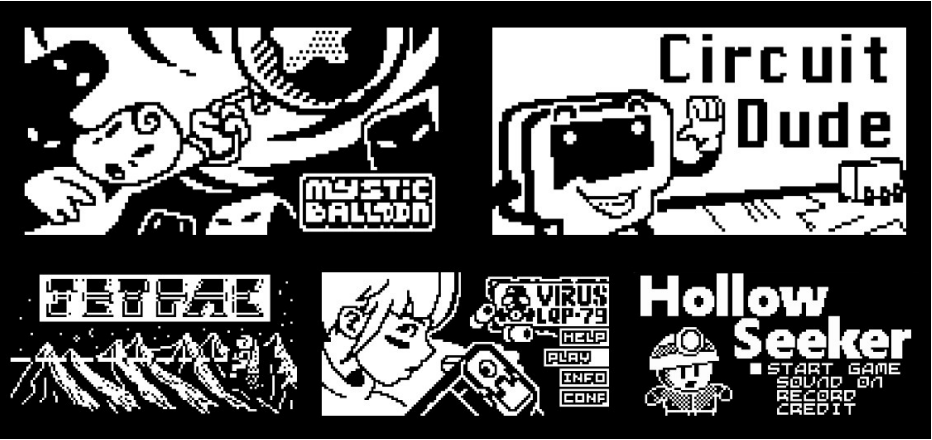

Open Source


8-Bit Gaming



Open Sourced Gaming!

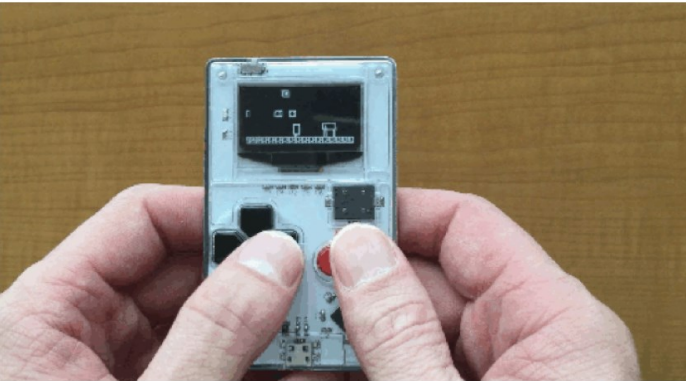
Games for the Arduboy are made by users! Anyone can create and publish games with a friendly and active community of developers online! Check out some of the community's favorite games below!



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 Arduiboy 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 Arduiboy!

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!



They like Arduboy

"finally learn how to code with languages like C++ using included tutorials.."

- Gizmodo

"Even better, it's a completely open platform, powered by Arduino."

- Popular Mechanics

"Arduboy is about more than a clever little handheld, though. It's also about creating a fun, open gaming ecosystem."

- Geek

"when you mix nostalgia, an Arduino and a low price point, you get the credit-card sized Arduboy."

- Engadget

"Ideally, Arduboy could be a sort of gateway into a wider world of programming."

- Huffington Post

"allowing users to make all of their 8-bit dreams come true."

- Tech Times

Technical Details

Dimensions0mm x 0mm x 0mm

Weight G.W 40g

| | |
|---------|---|
| Weight | 511.1 kg |
| Battery | Lithium Cells / Batteries contained in equipment UN3481 - PI967 |

Part List

Arduboy (Color: White)1

ECCN/HTS

ECCN Not Available

HSCODE9504901000

Certification

RoHSCompliant

Reviews

Thanks :D

August 16,2017 by exoruxz

Was this review helpful?

0

July 30, 2018 by tal256

Was this review helpful ?

0

May 28, 2018 by Anonymous User

Was this review helpful ?

0

May 12, 2018 by larn840629

Was this review helpful ?

0

March 06,2018 by Anonymous User

Was this review helpful ?

0

August 30,2017 by vertnather

Was this review helpful ?

0

Questions and Answers

Have a question about this? Ask people who

0 The description says 8 hours on battery and the specifications say 6 hours :O
erwinried on Aug 17,2017 Reply upvote (0)

Seeed Techsupport Team on Sep 13,2017 09:23 AM

Reply upvote (0)

@Seeed Techsupport Team Sorry, according to the official website of Arduboy,it is 6 hours.

Seeed Techsupport Team on Sep 13,2017 16:39 PM

Reply upvote (0)

Arduboy

SKU 114990348     

[Read all 6 reviews](#)

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