

SEEED-114992404

GameGo - handheld console, code your own games with MakeCode with Free Course



PRODUCT DETAILS

Description

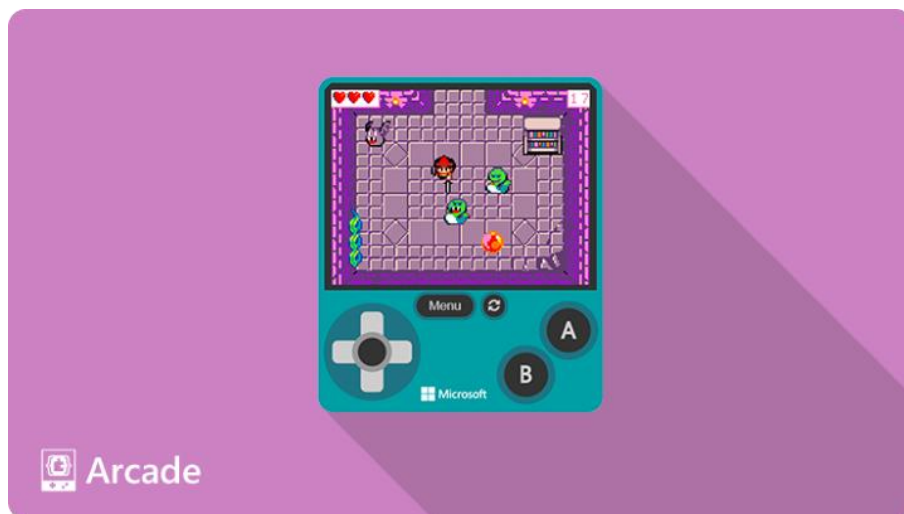
As video games became more complex, a lot of effort went into their development. Now it requires a whole team of developers & lots of resources and time to make a video game.

What if you want a shortcut to making your own games? This handheld console is made for STEM educators or people who just like creating retro games. It is based on the STM32F401RET6 ARM Cortex M4 chip and fully supports Microsoft MakeCode, both for block programming and JavaScript.

Features

Microsoft MakeCode Arcade Compatible - A Powerful Programming Platform

[MakeCode Arcade](#) is a popular platform for simulating your own games. You can easily use it through a web browser and download your code to deploy on GameGo.



Educational Course Materials - To Get Started Quickly And Easily

Kids' creative thinking and hands-on skills are nurtured while they design new games or recreate ones from the past. GameGo comes with a 10 lesson online course to help users to learn the basics of making your own retro games. The course aims to guide students to understand and learn the software and hardware knowledge of game development starting with a simple game based on graphical programming, gradually deepening, and iterating continuously to make a relatively complex, multi-level and story-telling game project. The course provides a large number of game examples for students to understand the concepts and principles through improvement and optimization.



Specifications

Specification	Details
MCU	STM32F401RET6
Display	1.8" 160x128 color TFT screen
Working Voltage	5V
Power Supply	Built-in lithium battery or 5V Micro USB
Built-in power supply	Rechargeable lithium battery (502535, 400mAh)

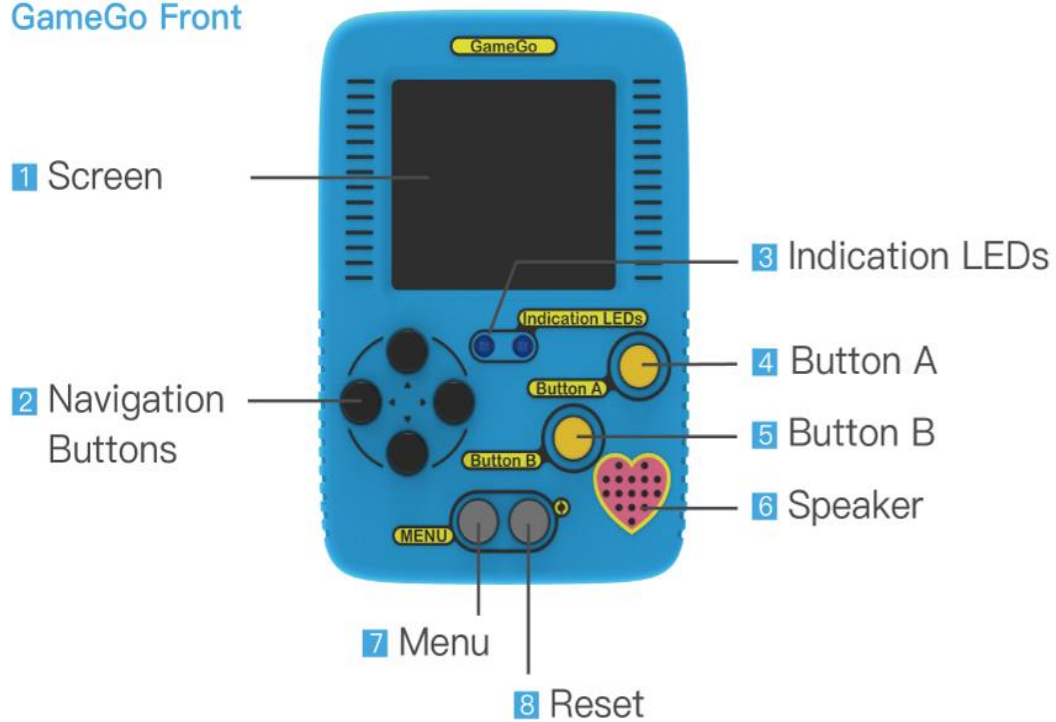
This kit is suitable for:

- Maker teachers
- DIY hobbyists
- High school students

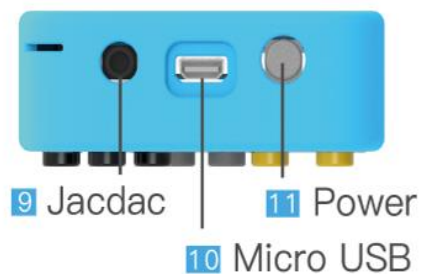
- Micro:bit users
- Homeschooling educators

Hardware Overview

GameGo Front



GameGo Top



Parts List

- 1 x GameGo
- 1 x Mico-USB Cable
- 1 x Guidebook



GameGo x 1



Cable x 1



Guidebook x1