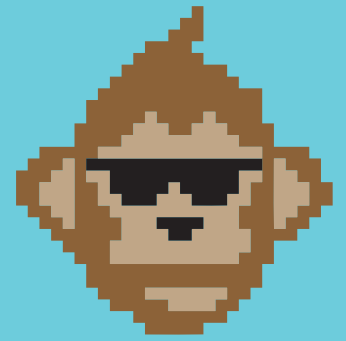# the Monku1000

EXPERTLY ASSEMBLED & PREPARED ODROID-GO™

Emulators:

Your Monku1000 is configured with the latest stable firmware and emulator software available at the time of construction. The Monku1000 comes configured and ready to run the following emulators out of the box, just pop in your unzipped ROMS.

Note: ROMS must be uncompressed and follow the naming convention outlined in the **README_ROMS.txt** file on the SD card. The following emulators are available under the following emulator Apps. Changing emulator apps requires an "App Flash," detailed below.

Go-Play App:

- ✓ Nintendo
- ✓ Sega Master System
- ✓ Sega SG-1000
- ✓ Sega Game Gear
- ✓ Nintendo GameBoy
- ✓ Nintendo GameBoy Color

Stella App:

- ✓ Atari 2600

Prosystem App:

- ✓ Atari 7800

fMSX_20181018 App:

- ✓ MSX

App Flash: To perform an "App Flash" turn off your device. Turn on the device while holding the **B** button for five seconds. Select the app you want to set as the startup app, then follow the prompts. It only takes a few moments to switch between apps. Your Monku1000 can also play a simplified version of DOOM, and supports the MicroPython programming language.

Extra Activities:

1. Make your own Tetris game for the Monku1000
https://wiki.odroid.com/odroid_go/arduino/33_game_tetris

2. Make your own Flappy Bird game for the Monku1000
https://wiki.odroid.com/odroid_go/arduino/32_game_flappybird

3. Display "Hello ODROID-GO" on the LCD screen
https://wiki.odroid.com/odroid_go/arduino/02_hello_world

4. Control the blue LED on the front of the device
https://wiki.odroid.com/odroid_go/arduino/03_blue_led_and_pwm

5. Read the status of the 12 buttons on the device
https://wiki.odroid.com/odroid_go/arduino/04_buttons

6. Read the battery voltage of your device
https://wiki.odroid.com/odroid_go/arduino/05_battery

7. Generate sounds from the speaker
https://wiki.odroid.com/odroid_go/arduino/06_speaker

8. Measure distance with ultrasonic sound waves
https://wiki.odroid.com/odroid_go/arduino/31_ultrasonic_distance_meter

Package Contents:

- 1 Monku1000
- 1 Set of Extra Screws
- 1 Expansion Board for Projects
  (See "Extra Activities" Below)
- 1 Micro SD to USB Converter
- 1 Micro SD to SD Converter
- 1 16GB Class 10 Micro SD Card
- 1 USB Charging Cable
- Game ROMs not included

Storage:

There is a storage folder on the SD card prepared with subfolders for each emulator. Because some emulators don't handle subfolders it helps to copy ROMs you aren't using to the storage folder. It'll make browsing for games quicker and easier.

Customization:

You can customize your Monku1000 by creating a 4.5cm x 3.3cm picture (use the paper image in the device as an example). Make sure you remove the SD card and turn off your device before taking apart the case and inserting your image. Use a small screw driver that properly fits, don't force it. Carefully lift out the battery to gain access to the paper image.

ROM Download Sites:

1. https://romsmania.cc
2. https://nicoblog.org/rompacks-romsets
3. https://emulator.games
4. http://romhustler.net

Notices:

- **This device does not include game ROMs. Please reference ROM download sites above.**
- Remember to always remove the SD card and turn off the device when separating the case.
- Be sure to make a backup of the SD card in case it gets lost or damaged.
- There are no returns and no warranty on this device.
- This device was tested and charged in preparation for mailing.
- There should be a thin clear plastic layer on the screen, you can leave this on for more protection. Please be careful removing it.

cool!