Tutorial Title Name

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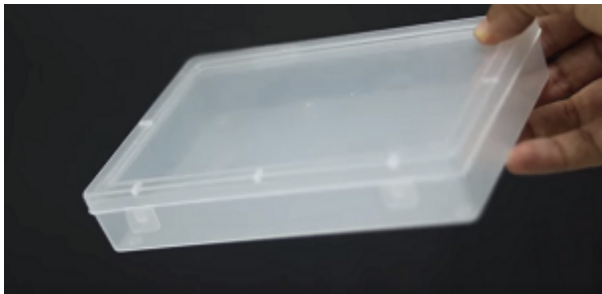
Intro

This tutorial will guide you through the process of creating your own Portable RetroPi Console.

Prerequisites

In order to proceed with this tutorial you will need:

- a RaspberryPi (I've used a Pi-B+ with this build.)
- a 5 to 7 inch LCD screen

(image is placeholder)

- a case for the RaspberryPi & a case for the entire build to be mounted into. (includes screen, speaker, battery pack, room for cords, etc.)
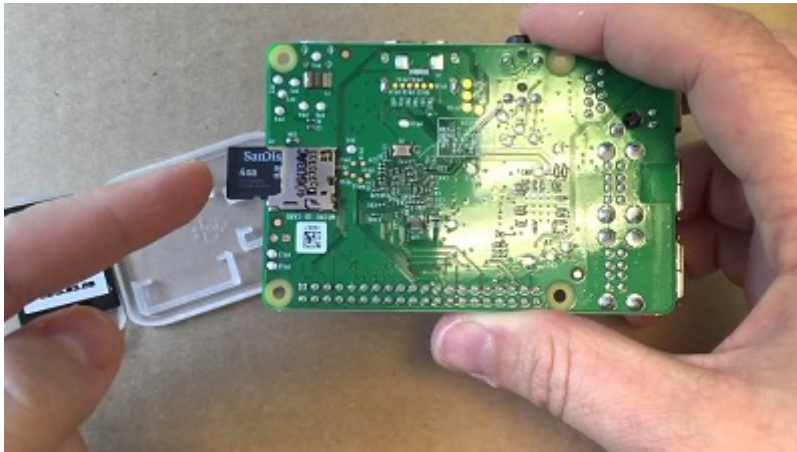- a battery pack (5600mah)

(image is placeholder)

- 6inch HDMI cord
- a heatsink & fan for the RaspberryPi
- HDMI adapter
- An SD card with the RetroPi OS to be able to run games
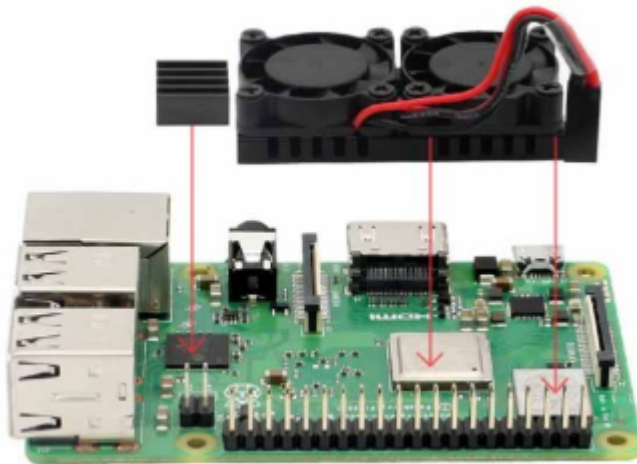
Instructions

1. Step one.

> The first step that we will need to take, is to insert the SD card into the
> RaspberryPi.

(image is placeholder)

2. Step two.

> The second step is to install the RaspberryPi to its case.
> For this build, I have gone with an open case,
> where I only have to connect the bottom half of the RaspberryPi to it.
> After the RaspberryPi has been installed to it's case,
> proceed to install the HeatSink/Fan to the RaspberryPi.

(image is placeholder)

3. Step three.

> Place the RaspberryPi inside of the entire case and glue it in place.

4. Step four.

> Place the Screen in the top half of the closeable plastic case, glue it in place.

5. Step five.

> Connect the HDMI from the screen to the RaspberryPi

6. Step six.

> Connect the speaker to the raspberrypi. Glue it in place.

7. Step seven.

> Connect the raspberrypi to the battery pack in order to give it power.
> Turn the power pack on, the raspberrypi on and play the retro console with an external controller!