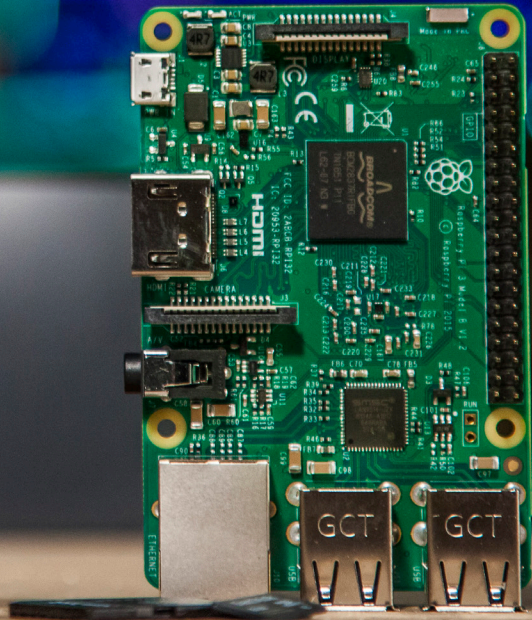




MAN CRATES
PROJECTS

RASPBERRY PI

GAMING KIT



HELLO AND GOOD PI

The inevitable machine uprising has been a long time in the making. In the 50s, a home computer took up a literal home and struggled to solve basic math problems without scratch paper. In 1987, a computer defeated the World Chess Champion. And even though they were just playing Tic-Tac-Toe, we still find the development disturbing.

It's time to take matters into your own hands. With the Raspberry Pi Gaming Kit, you can finely hone the skills you'll need to override our computer overlords and exploit their power to aid the forces of good. Namely, relaxing in your PJs and watching colorful pixels dart around a television screen. The past has never looked so good.





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- 2 Micro SD Card with Standard SD Card Adapter
- 3 Micro USB 5V Power Supply
- 4 HDMI Cable
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What You'll Need

We've tried to include everything you'll need to get your Raspberry Pi up and running some awesome retro video games, but depending on your particular computer hardware, we might have left something out. Namely, though most modern computers have an SD card reader, some don't. If you're one of the unlucky few, you'll need to buy an adapter. These are available at most department stores and should only cost you a couple bucks. Other than that, you'll need to have access to the internet, a thumb drive, and an HDMI capable monitor or TV.

How's This Going to Work?

Assembling the Raspberry Pi is actually easy as...pie. But first we need to do a little work behind the scenes to get it running the RetroPie operating system*, which contains the emulator you'll need to actually play games. Once that parts out of the way, getting your new gaming rig online will be a cake walk. Or should we say a Pi walk? We're so sorry.

* **Lingo:** Confused? Don't be. The operating system is just the software you'll use to tell the computer what to do, which is a crucial tool to have in our endless war against the robots.



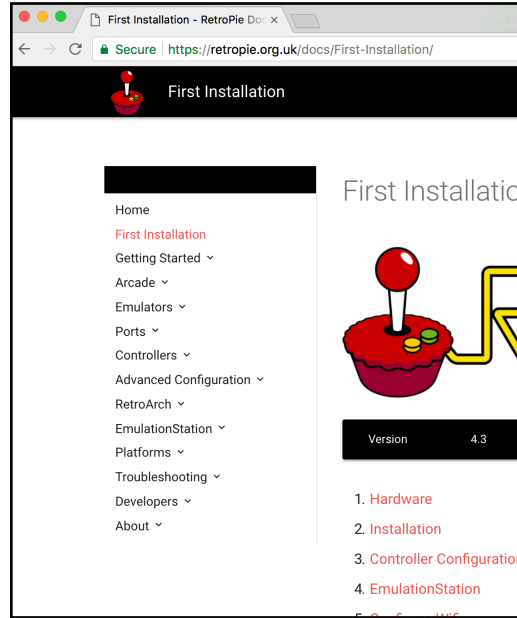
COMPLICATED STUFF

Because software changes pretty regularly, we thought it safest to point you in the direction of the official RetroPie website for the most up-to-date operating system installation instructions. We'd hate to give you the deets only to find out the deets have changed.

You'll find full instructions for house training your Raspberry Pi to play games at the website below. The official site also hosts some pretty awesome community forums that could be useful if you get stuck.

These instructions will walk you through the entire software journey, from installing the operating system to setting up your gaming controller, your way of asserting dominance and showing this thing who's boss.

<https://retropie.org.uk/docs/First-Installation/>



PRO-TIP: Some of the instructions might differ depending on which version of the Raspberry Pi you're setting up. The Raspberry Pi included in this kit is the Raspberry Pi 3, the best device money can Pi. Crap. Sorry.

CASE ASSEMBLY

Some people are going to be totally cool with letting the Raspberry Pi hang out in its natural state, uncovered and vulnerable to the elements. And that's fine, after all, beauty's in the Pi of the beholder. Yeah, we know. We have a problem.

For everyone else, securing the Raspberry Pi in the sleek plastic housing will rocket your device's fashion sense from zero to hero. Or, if you're a techie, "from zero to one!"*

Before you begin snapping your Raspberry Pi into its handsome new home, it's best to double check the micro SD card is fully inserted into the Raspberry Pi board.

PRO-TIP: At their most basic level, all computers read a code called binary, which consists entirely of 0's and 1's. Editor's Note: We're not saying this knowledge makes that joke any better.





PLUG & PLAY

Plug & Play

Now that we've successfully enslaved the technology in its cage, all that's left to do to get gaming is plug some stuff in. Included in your kit is a 2.5A power supply to bring your Pi to life, a USB cable to connect the retro USB game controller, and an HDMI cable to display games on your TV in their fully restored, 16 bit glory.

A Note About Games

The game files that your Raspberry Pi will read are called ROMs (Read-Only Memory). Copyright law regarding certain ROMs is murky. To avoid complications, Man Crates recommends legal ROMs from participating game developers. Some of our favorites can be found at the site below:

<http://nesworld.com/content.php?data=homebrew>

After you've downloaded a few games you like, check out the section titled "Transferring ROMs" on the official RetroPie website below and get to gaming!

<https://retropie.org.uk/docs/First-Installation/>



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