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KITS & PROJECTS / PROJECT PACKS / ADAFRUIT IOT PI PRINTER PROJECT PACK



Adafruit IoT Pi Printer Project Pack - v2

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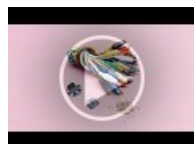
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DESCRIPTION

TECHNICAL DETAILS



DESCRIPTION

Build an "Internet of Things" connected mini printer that will do your bidding! This is a fun weekend project that comes with a beautiful laser cut case. Once assembled, the little printer connects wirelessly to get Internet data for printing onto 2 1/4" wide receipt paper. Based on a Raspberry Pi computer, this is a powerful mini Linux machine. We have example python code for a few different printouts including a daily weather forecast report, sudoku puzzles, image printer and a Tweet-printer that connects Twitter's search API and retrieve and print tweets according to your requests: you can have it print out tweets from a person, a hashtag, mentioning a word, etc! All the code is written in python and is open source so its easy to adapt and write your own custom printer software

The project is based on Raspberry Pi, and while its not a very complex project soldering-wise it

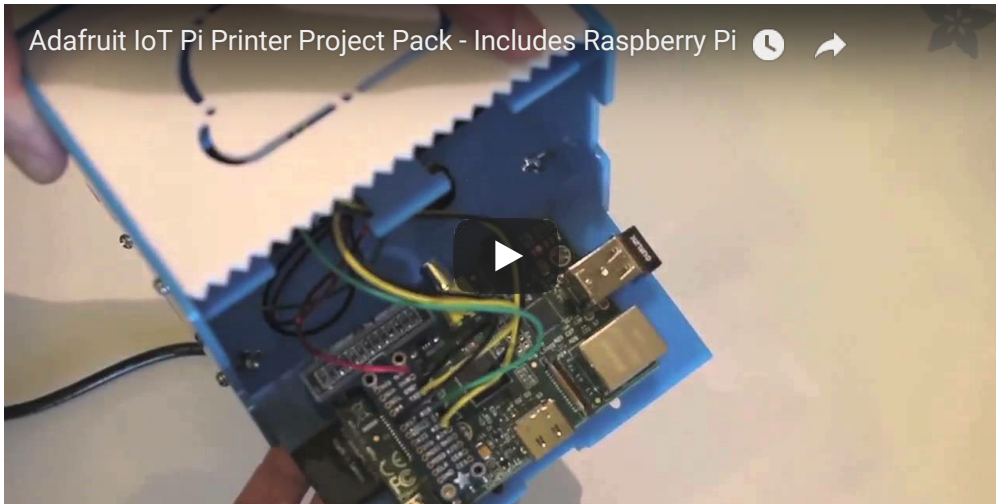
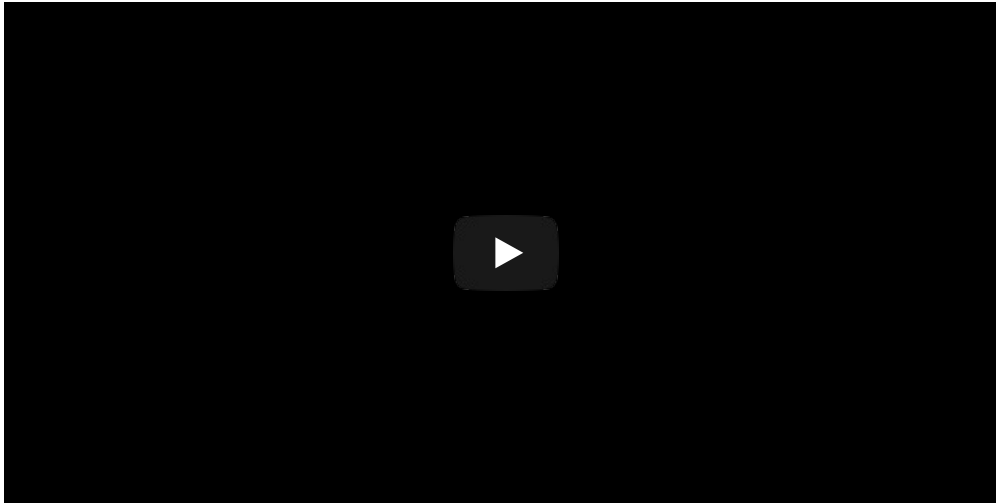
Downloaded from Arrow.com ibly work. This project is a good project to take

on if you've set up a Raspberry Pi computer before and know how to run commands on your Pi. **This kit contains all you need but the Pi and tools. Raspberry Pi computer is not included.** You can use a Raspberry Pi Zero, Zero W, B+, 2 or Pi 3. **We recommend using a Pi 3 or Pi Zero W because the built in WiFi will save you a step. If you are using a Pi Zero you will also need to pick up a 2x20 header** to solder in so you can plug in the connectors.

Contains:

- [Mini Receipt Printer](#)
- [50 foot long receipt paper. BPA-free](#)
- [5V 4A power adapter](#)
- [2.1mm Panel Jack](#)
- [Rugged Metal Pushbutton with White LED Ring](#)
- [8GB SD card with NooBs V2.8- Note you will be re-burning this card to run Raspbian Lite!](#)
- [20 pcs Jumper wire](#)
- [4700uF Electrolytic Capacitor](#)
- [Laser cut enclosure + hardware](#)

We've totally revamped this kit to make it less expensive, and easier to build! [Check out our tutorial on how to build this kit over at learn.adafruit.com](#) Some assembly, including soldering, required - but it's totally worth it.



TECHNICAL DETAILS

Revision History:

- **As of Sept 2017 we are selling version 2 which has been redesigned to work with the new Pi B+/2/3 and Pi Zero's!** We still have instructions for the old version but the new version of the kit does not come with a Pi, console cable or Cobbler.



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Primary Guide: Internet of Things Printer for Raspberry Pi
Build an "Internet of Things" connected mini printer that will do your bidding!



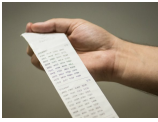
Laser-Cut Enclosure Design

Secret Adafruit ninja design tricks revealed!



Raspberry Pi Thermal Printer One Time Pads

Set up your RPi Internet of Things Thermal Printer to generate one time pads!



MAY WE ALSO SUGGEST...



Mini Thermal Receipt Printer



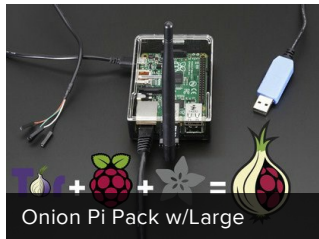
Mini Thermal Receipt Printer



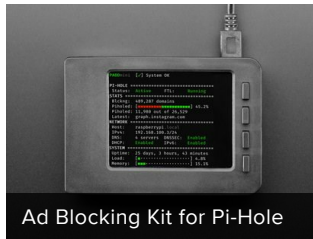
Nimbus the Cloud - Internet



Thermal paper roll - 50'



Onion Pi Pack w/Large



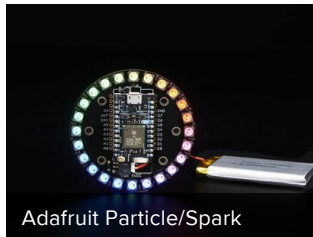
Ad Blocking Kit for Pi-Hole



Onion Omega2+ Starter Kit



Thermal Receipt Printer



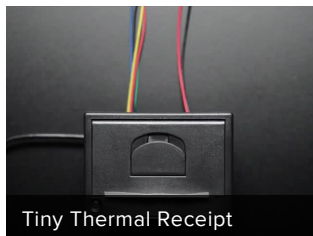
Adafruit Particle/Spark



Onion Omega2+ Maker Kit



Thermal Paper Roll - 33'



Tiny Thermal Receipt

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