

Adafruit Assembled Pi Cobbler Breakout + Cable for Raspberry Pi - Model B

PRODUCT ID: 914

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



DESCRIPTION

Now that you've finally got your hands on a [Raspberry Pi® Model B](#) , you're probably itching to make some fun embedded computer projects with it. What you need is an add on prototyping Pi Cobbler from Adafruit. which can break out all those tasty power, GPIO, I2C and SPI pins

from the 26 pin header onto a solderless breadboard. This set will make "cobbling together" prototypes with the Pi super easy. **Designed for use with Raspberry Pi Model B AND Model A, both revisions. This will not work with the Raspberry Pi 2 or Model A+ or B+ If you have one of those, check out our 40-pin version of this item.**

This Cobbler is in a compact shape, which is the least bulky way to wire up. [We also have the fancier T-Cobbler.](#)

The Pi Cobbler mini kit comes with a fully assembled PCB with socket and headers as well as a [26 pin ribbon cable](#) **No soldering required!** The cable plugs between the Pi computer and the Cobbler breakout. The Cobbler can plug into any [solderless breadboard](#) (or even a prototyping board like the [PermaProto](#)). The Cobbler PCB has all the pins labeled nicely so you can go forth and build circuits without keeping a pin-out printout at your desk. We think this will make it more fun to expand the Pi and build custom circuitry with it.

The Adafruit Pi Cobbler is compatible with Model A and Model B both versions 1 and 2 of the Raspberry Pi Computer - for version 2 computers, note that the GPIO #21 has been replaced with GPIO #27 and that the I2C pins are now I2C port #1 instead of #0. All other pins are the same. **This Cobbler is not compatible with the Model B+ unless you have a [GPIO downgrade cable](#)**

Please note, this kit only contains a [26 pin ribbon cable](#) (in slimming Adafruit Black) and assembled Cobbler. The [Raspberry Pi](#), [breadboard](#), [breadboarding wires](#), cables, [case](#), [power supply](#), and other components are not included! We do stock many of those items in the shop, so check those out as well!

What is the Raspberry Pi® ? A low-cost ARM GNU/Linux box.

The Raspberry Pi® is a single-board computer developed in the UK by the Raspberry Pi Foundation with the intention of stimulating the teaching of basic computer science in schools. The design is based on a Broadcom BCM2835 system on a chip (SoC), which includes an ARM1176JZF-S 700 MHz processor, VideoCore IV GPU, and 256 megabytes of RAM. The design does not include a built-in hard disk or solid-state drive, instead relying on an SD card for booting and long-term storage. The Foundation plans to support Fedora Linux as the initial system software package/distribution, with support for Debian and Arch Linux as well - [Wikipedia](#).

Raspberry Pi® is a trademark of the Raspberry Pi Foundation.

TECHNICAL DETAILS

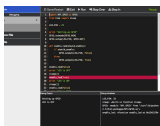


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[Adafruit Pi Cobbler Kit](#)

Assemble your Adafruit Pi Cobbler Kit



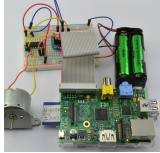
[Debugging with the Raspberry Pi WebIDE](#)

When your LED's just won't blink.



[Playing sounds and using buttons with Raspberry Pi](#)

Triggering mp3's based on tactile input with a Pi



Adafruit's Raspberry Pi Lesson 9. Controlling a DC Motor

Drive a DC motor forward
and in reverse with variable
speed

[SEE ALL GUIDES](#)

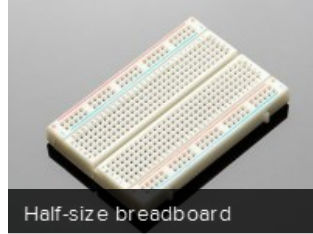
MAY WE ALSO SUGGEST...



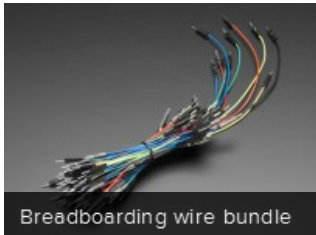
Adafruit Pi Box - Enclosure



Premium Female/Male



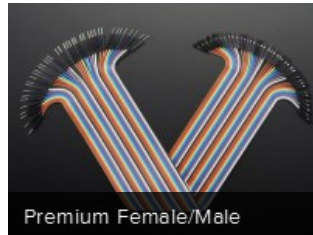
Half-size breadboard



Breadboarding wire bundle



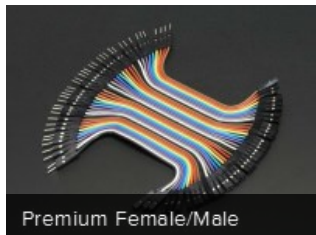
Raspberry Pi - Skill badge,



Premium Female/Male



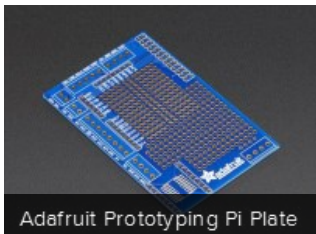
Full sized breadboard



Premium Female/Male



GPIO Ribbon Cable for



Adafruit Prototyping Pi Plate



Adafruit PiTFT 2.4" HAT Mini



Adafruit Assembled Pi T-

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4.6 ★★★★★
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