

PiTFT Plus 320x240 3.2" TFT + Resistive Touchscreen

PRODUCT ID: 2616

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[DESCRIPTION](#)

[TECHNICAL DETAILS](#)





DESCRIPTION

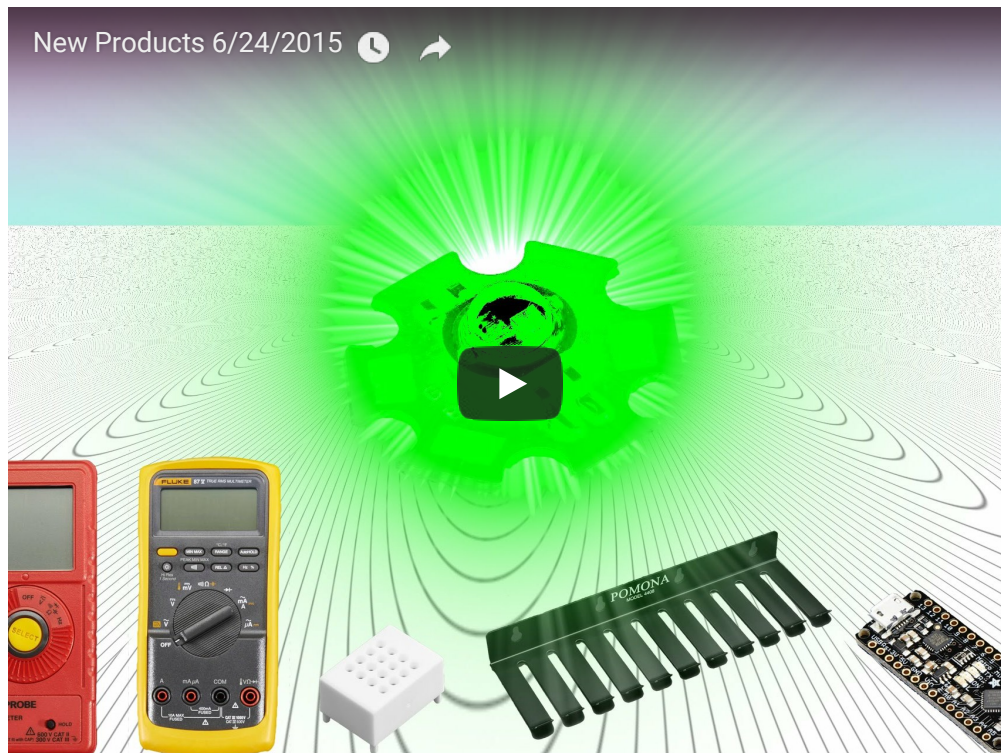
Is this not the cutest little display for the Raspberry Pi? It features a 3.2" display with 320x240 16-bit color pixels and a resistive touch overlay. The plate uses the high speed SPI interface on the Pi and can use the mini display as a console, X window port, displaying images or video etc. Best of all it plugs right in on top!

This design fits perfectly onto the Pi Zero, Pi 3, Pi 2 or Model A+, B+! (Any Pi with a 2x20 connector) **Not for use with an old Pi 1 with 2x13 connector.** This display is functionally the same as our [classic PiTFT 2.8"](#) and [PiTFT Plus 2.8"](#) - same pins used, same resolution, same drivers, but is just a bit bigger. It also has a 26- pins GPIO pins brought out so you can connect a [26-pin Raspberry Pi GPIO cable](#) underneath. [It's the same outline as a Pi 3 / 2 / B+ so it fits well on top of a Pi in our Raspberry Pi Enclosure base.](#)

The display and touchscreen uses the hardware SPI pins (SCK, MOSI, MISO, CE0, CE1) as well as GPIO #25 and #24. All other GPIO are unused. Since we had a tiny bit of space, there's 4 spots for optional slim tactile switches wired to four GPIOs, that you can use if you want to make a basic user interface. For example, you can use one as a power on/off button. See below for the link to get the optional tact switches, they're not included.

Use it for console access or easily pop up X11 onto the PiTFT for a mini monitor, although its rather small at 320x240. Instead, we recommend using PyGame or other SDL-drawing programs to write onto the frame buffer.

Raspberry Pi computer and enclosure not included! This display comes fully assembled, just plug it onto your Raspberry Pi and install our software to rock out. [Check out our detailed tutorial on how to play videos, display images, and otherwise customize your PiTFT \(the tutorial is identical to the 2.8" PiTFT\)](#)



TECHNICAL DETAILS

- Screen Dimensions: 50mm x 71mm / 2" x 2.8"
- PCB Dimensions: 56mm x 85mm / 2.2" x 3.3"
- Height with socket: 19mm / 0.75"
- Weight: 50g
- [EagleCAD PCB Files on GitHub](#)

Please note at this time the Pi Kernel we have does not come with support for built-in Pi 3



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[DIY WiFi Raspberry Pi Touchscreen Camera](#)

Make your own Cloud-connected point-and-shoot camera



[Adafruit PiTFT - 2.8" Touchscreen Display for Raspberry Pi](#)

Add a compact 320x240 resolution screen to the top of your Pi



[Processing on the Raspberry Pi & PiTFT](#)

How to run a Processing sketch on the Pi & PiTFT display.

MAY WE ALSO SUGGEST...



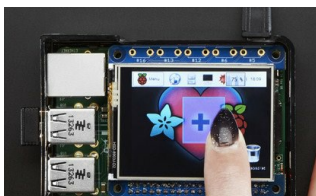
Adafruit PiTFT 2.2" HAT Mini



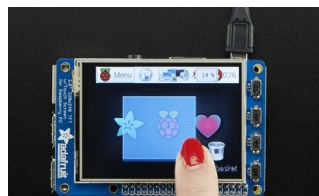
PiTFT Plus 480x320 3.5"



PiTFT - Assembled



Adafruit PiTFT 2.4" HAT Mini



PiTFT Plus Assembled



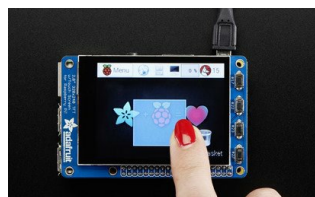
PiTFT 2.8" TFT 320x240 +



NTSC/PAL (Television) TFT



Tactile Switch Buttons (6mm)



Adafruit PiTFT Plus



Adafruit PiTFT - 320x240



Adafruit TFT 50pin to 40pin



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