The DPI interface is super fast, and has speed-optimizations just like HDMI, **but it uses just about every pin on the Pi** so it is a challenge to use this and also connect sensors, add-ons, device, etc to the Pi. You should stick to devices that interface with USB rather than the GPIO header.

The HyperPixel 4.0" is designed to fit nicely onto the Raspberry Pi Zero, Pi 3, Pi 2 or Model A+ / B+ (any Pi with a 2x20 connector). **Not for use with the old Pi 1 with 2x13 connector.** If you'd like to use a 3.5" display with the original Pi A or Pi B, check out the SPI-based PiTFT 3.5"

Everything comes fully assembled, so there's no soldering required! The display secures to the HyperPixel PCB via a neat little flush-mounting FPC cable. Just pop HyperPixel on your Pi and run the installer to get set up!
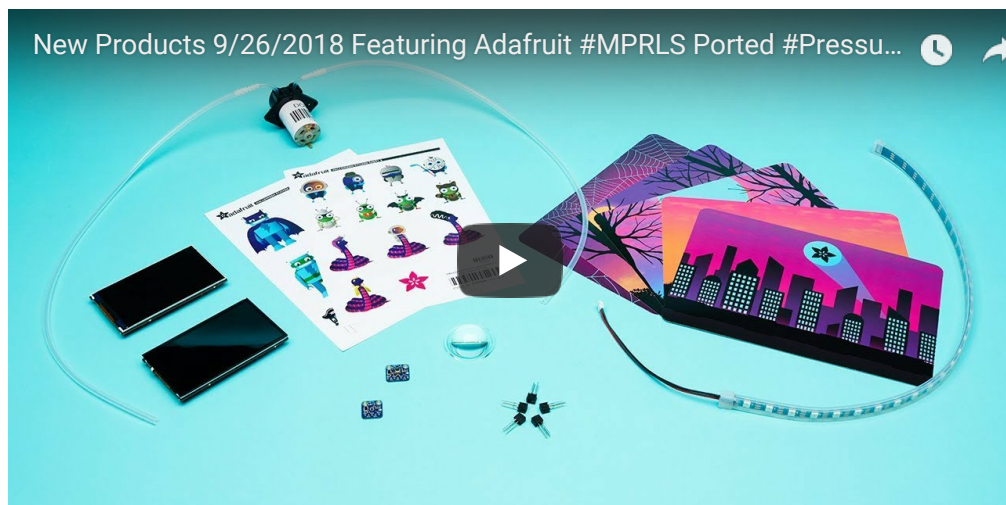
Works with any 40-pin version of the Pi, including Pi Zero and Pi Zero W. If you're using it with a larger Pi like the B+, 2, or 3, then use the extra 40-pin header that's included to boost it up to the required height. If you're using a Zero or Zero W then just pop it straight onto the GPI.

Features

- High-speed DPI interface
- 4.0" IPS (wide viewing angle, 160°) display (86.4x51.8mm)
- 800x480 pixels (~235 PPI)
- 18-bit color (262,144 colors) **(that's 262,144 colors! yowza!)**
- 60 FPS frame rate
- Contrast ratio: 500:1
- 40-pin female header included to boost height for Pi B+, 2, 3, 3 B+
- Standoffs included to securely attach to your Pi
- Compatible with Raspberry Pi 3 B+, 3, 2, B+, A+, Zero, and Zero W
- One-line installer

Please note: when installing HyperPixel onto your Pi, make sure not to press down on the screen surface. Hold the board by its edges and wiggle it to the extended header (or GPIO header).
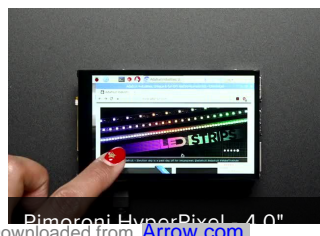
We also carry its capacitive touch "cousin"!

New Products 9/26/2018 Featuring Adafruit #MPRLS Ported #Pressu...
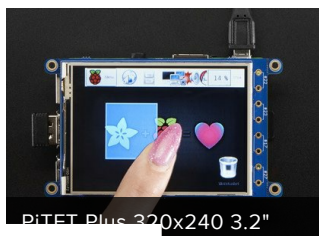

TECHNICAL DETAILS

Dimensions: 58.5 x 97 x 12mm (WxHxD including header)
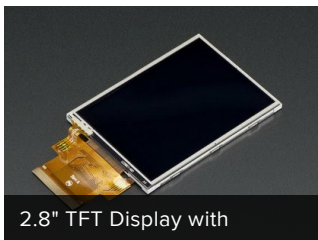

MAY WE ALSO SUGGEST...
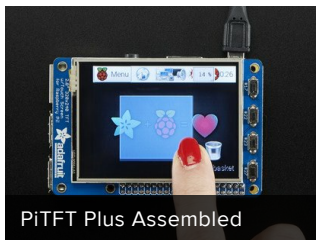

Pimoroni HyperPixel 4.0"

PiTFT Plus 320x240 3.2"

2.2" 18-bit color TFT LCD

2.8" TFT Display with
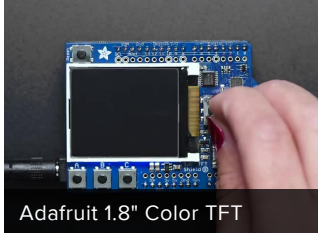

PiTFT Plus Assembled

PiTFT - Assembled

1.8" Color TFT LCD display

Adafruit PiTFT 2.2" HAT Mini

Adafruit PiTFT - 320x240

Adafruit 1.8" Color TFT

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"A good scientist is a person with original ideas. A good engineer is a person who makes a design that works with as few original ideas as possible. There are no prima donnas in engineering" - Freeman Dyson

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