images or video etc. Best of all it plugs right in on top of your Model A+ or B+ and fits into our case quite nicely.

It's designed to plug directly onto the Raspberry Pi 2, Pi 3, Pi Zero or Raspberry Pi 1 Model A+ or B+ . While not specifically designed for Pi Model A or B, you can use it with A/B if you solder in an extra-tall 2x13 header (not included) instead of the included 2x20 header

This design uses the hardware SPI pins (SCK, MOSI, MISO, CE0, CE1) as well as GPIO #25. All other GPIO are unused and are available on a 25-pin long breakout line. Since we had a tiny bit of space, there's 4 flat 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.

Comes as a fully assembled display PCB and an additional 2x20 GPIO header. Some light soldering is required to attach the 2x20 GPIO header to the HAT but it's fast and easy for anyone with a soldering iron and solder. You can also swap the plain female header we have with a 'stacky' type that lets you plug in a hat or GPIO cable on top or a slim ultra-low-profile header.

To make it super easy for use: we've created a custom kernel package based of off Notro's awesome framebuffer work, so you can install it over your existing Raspbian (or derivative) images in just a few commands. Our tutorial series shows you how to install the software, play small videos, or display images such as from your PiCam and more!

TECHNICAL DETAILS

- Board Dimensions: 65mm x 57mm x 6mm / 2.6" x 2.2" x 0.2"
- Screen Dimensions: 55mm x 40mm / 2.2" x 1.6"
- As of July 28, 2016 we have a version that breaks out the GND, 3.3V and 5V power pins as well
- Datasheets, schematic, PCB files, and Fritzing available in the product tutorial

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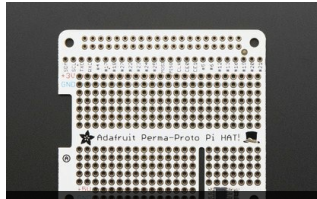---

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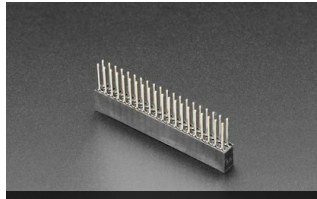
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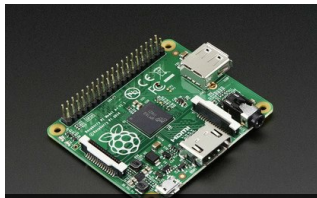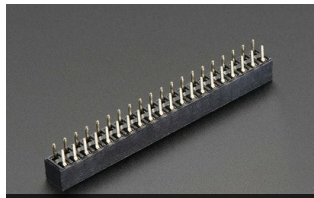
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