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LCDS & DISPLAYS / HDMI DISPLAYS / HDMI 4 PI: 5" DISPLAYS / HDMI 4 PI 5" DISPLAY NOT TOUCHSCREEN 800X480 - HDMI/VGA/NTSC/PAL

HDMI 4 Pi 5" Display not Touchscreen 800x480 - HDMI/VGA/NTSC/PAL

PRODUCT ID: 1678

1 IN STOCK

1	ADD TO CART

☐ **Also include 1 x 12V DC 1000mA (1A) regulated switching power adapter - UL listed ()**

☐ **Also include 1 x 9 VDC 1000mA regulated switching power adapter - UL listed ()**

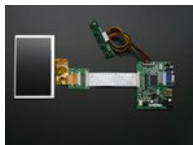☐ **Also include 1 x HDMI Cable - 1 meter ()**

1-9
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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Yes, this is a cute little 5" TFT display with WVGA 800x480 resolution (**NOT TOUCHSCREEN**). We tried to get the smallest display that would be good for embedded computing usage and at

a good price. This display measures 5" diagonal and is a 'raw' TTL display as is used in

portable electronics. We include a driver board with HDMI, VGA and Composite inputs. The display is very easy to use - simply connect a 5-12V DC adapter to the 2.1mm center-positive DC jack, then connect a digital video source to one of the ports. Voila, a display!

It is not an IPS display so its best for direct viewing, our 7" and 10" HDMI IPS displays are designed for any angle view.
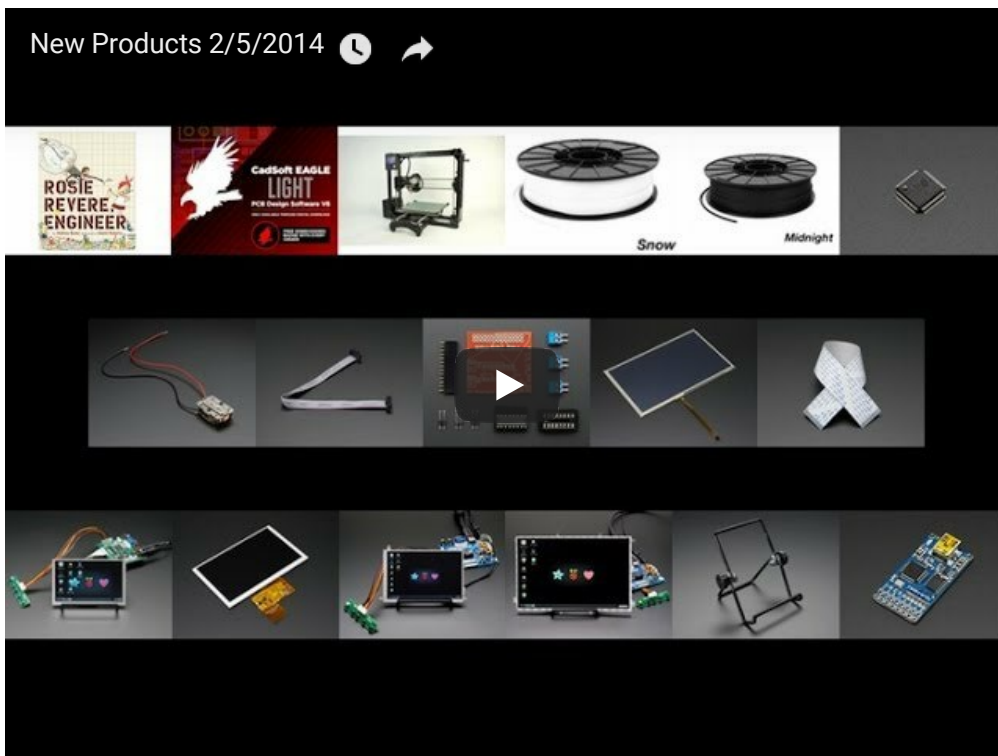
There's a little wired PCB with little buttons that let you enter a menu system for adjusting brightness, color and contrast. It tries to auto-detect which input you have and switches to that one or you can 'select' from the menu keypad which to display.

To demonstrate it, we took some photos with the display connected to a Raspberry Pi, but it will also work connected to any device with HDMI, VGA or NTSC/PAL output. It will not work with a device that only outputs DVI (without a DVI->HDMI converter) or SECAM.

For use with a Raspberry Pi we suggest editing config.txt to set the HDMI to 800x480 in case it doesn't detect the resolution properly. You can see our suggested config.txt in the Technical details tab. The easiest way to edit the config.txt is to put the Pi SD card into an every day computer and edit config.txt with any text editor and save. For use with a BeagleBone black, we found it works when plugged in, no configuration required.

We show the TFT above on a wire stand, which is not included. You can pick up one of these nice stands over here. If you want to extend the FPC cable between the driver and the TFT, you can grab a 10" long cable and swap it for the 4" one included.

A power adapter is not included! Any 5 to 12VDC adapter will work nicely: we prefer 9V DC. Check the technical tabs for current draw at various voltages.

New Products 2/5/2014

HDMI 4 Pi: 5" Display no Touchscreen 800x480 - HDMI/VGA/NTSC/PAL (12:40)

TECHNICAL DETAILS

- Driver Datasheet
- Keyboard Datasheet
- Power with 5-12VDC
- Resolution: 800 x 480
- Visible area: 108mm x 65mm 16:10
- Brightness: 200cd/m2
- Contrast: 300:1
- We ship with a an KD050G21-40N display, or equivalent
- Display dimensions: 121mm x 76 x 3.1 mm
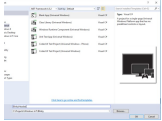- Not HDCP compatible - it cannot be used with 'secured' HDMI sources

For more information on this HDMI display, including a suggested config.txt, check out our HDMI Display ÜBERGUIDE!

LEARN

The Adafruit HDMI Display Monitor ÜBERGUIDE
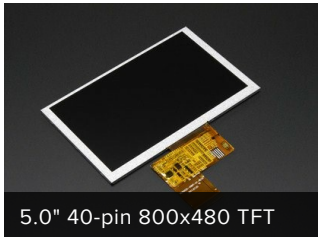Learn about our wide variety of HDMI/VGA/Composite Displays!

Raspberry Pi Video Looper
Turn a Raspberry Pi into a dedicated 1080p video playback tool for art installations, digital signs, or just playing cat videos!

Windows IoT Core Application Development: Headed Blinky
Learn how to create an Windows IoT Core Headed Application

MAY WE ALSO SUGGEST...

5.0" 40-pin 800x480 TFT	HDMI 4 Pi - 7" Display	50-pin 0.5mm Pitch FPC
HDMI Cable - 1 meter	Adjustable Bent-Wire Stand	HDMI 4 Pi - 10.1" Display
10.1" Display & Audio	HDMI 5" 800x480 Display	TFP401 HDMI/DVI Decoder
40-pin FPC Extension Board	HDMI 4 Pi: 5" Display (no	TFP401 HDMI/DVI Decoder

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"In considering any new subject, there is frequently a tendency, first, to overrate what we find to be already interesting or remarkable; and, secondly, by a sort of natural reaction, to undervalue the true state of the case, when we do discover that our notions have surpassed those that were really tenable" - Ada Lovelace

4.9 ★★★★★
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