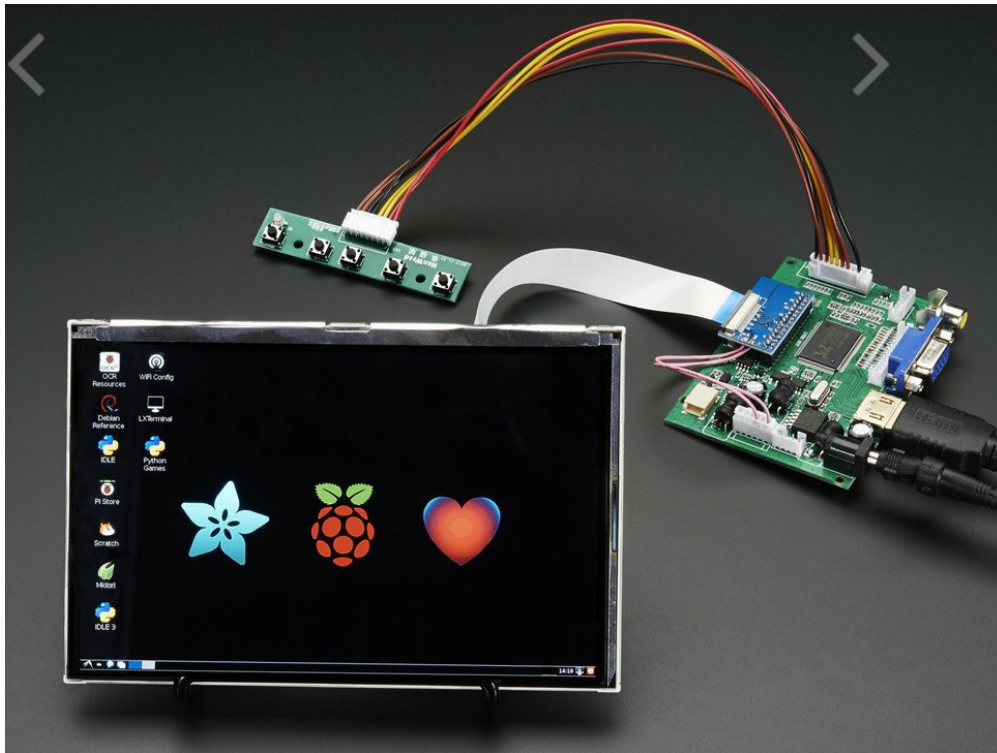




HDMI 4 Pi: 7" Display 1280x800 IPS - HDMI/VGA/NTSC/PAL

PRODUCT ID: 1931

DISCONTINUED

[DESCRIPTION](#)

[TECHNICAL DETAILS](#)



DESCRIPTION

Make a lovely video setup with a 7" IPS screen at 1280x800. Here we have a beautiful bright 7" TFT display with incredibly high resolution and great angle-visibility! We tried to get the thinnest,

Downloaded from [Arrow.com](#), be good for embedded computing usage. The

visible display measures 7" diagonal and is a 'raw LVDS' display as is used in a tablet which makes it ultra thin and very bright. We include a driver board with HDMI, VGA and Composite inputs. The setup is very easy to use - simply connect a 9VDC adapter to the 2.1mm center-positive DC jack, then connect a digital video source to one of the ports . Voilà, a display!

This version does not come with audio output [Click here if you're looking for a display with audio and speaker drivers](#)

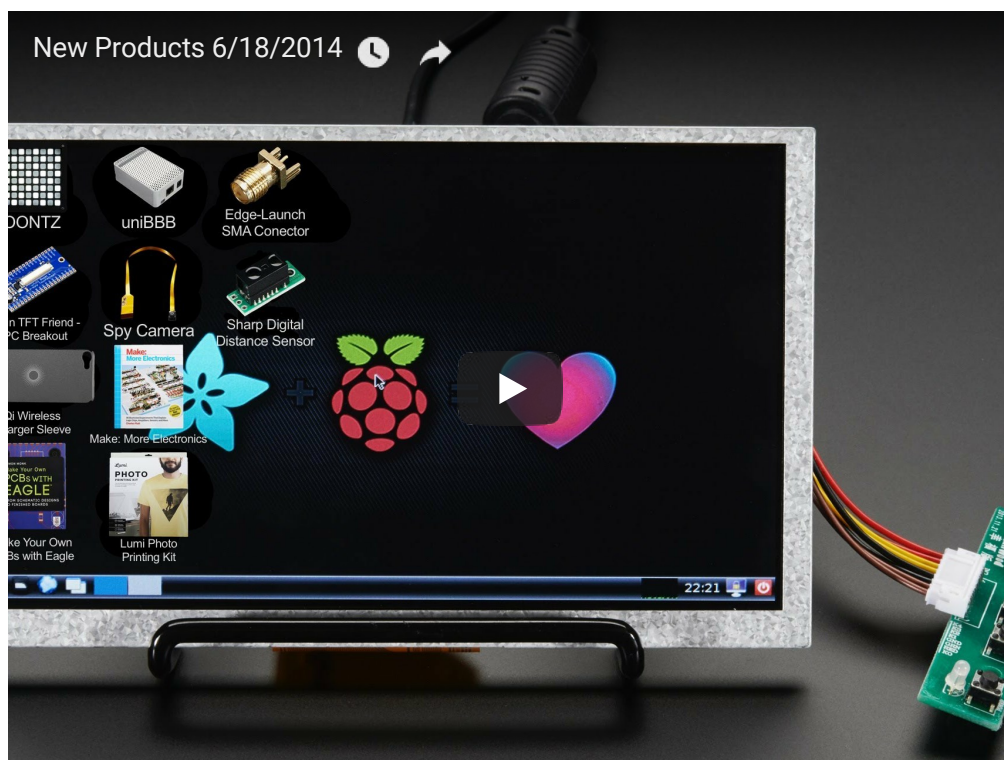
There's a little wired PCB with little buttons that let you enter a menu system for adjusting brightness, color and contrast. It tries to auto-detect which input you have and switches to that one or you can 'select' from the menu which to display.

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 to HDMI converter) or SECAM.

For use with a Raspberry Pi we suggest editing **config.txt** to set the HDMI to native 1280x800 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 running Ubuntu/Debian, we found it works when plugged in, no configuration required.

A power adapter is NOT included. You will need to either purchase a [9VDC 1Amp adapter](#) or you can use one you've already got around the house. [We show the display on a bent wire stand which is not included, but you can pick one up here.](#)



TECHNICAL DETAILS

- [Driver Datasheet](#)
- [Keyboard Datasheet](#)
- Dimensions of Screen: 105mm x 160mm x 3mm / 4.1" x 6.3" x 0.1"
- Weight of Screen: 91g
- Power with 9 VDC
- ~500mA power draw at 9V
- 16:10 display ratio
- Resolution: 1200 x 800
- Visible area: 150mm x 95mm 16:10
- Display dimensions: 162mm x 104mm x 4mm (6.4" x 4.1" x 0.2")
- Brightness: 400cd/m2
- Contrast: 800:1

- Uses [an HSD070PWW1 display](#)
- Weight (excluding power cable): 290g/10.2oz
- Not HDCP compatible - it cannot be used with 'secured' HDMI sources

Power draw from combined display+HDMI driver when backlight is on, please note that not all these voltages may work!

- 5V: 980mA
- 6V: 780mA
- 7V: 660mA
- 8V: 575mA
- 9V: 515mA

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](#)

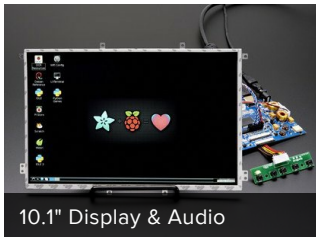
Learn about our wide variety of HDMI/VGA/Composite Displays!



[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!

MAY WE ALSO SUGGEST...



10.1" Display & Audio



HDMI 4 Pi - 7" Display



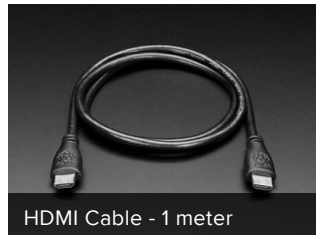
7" Display 1280x800 (720p)



HDMI 4 Pi 5" Display not



Adjustable Bent-Wire Stand



HDMI Cable - 1 meter



HDMI 4 Pi - 10.1" Display



HDMI 4 Pi: 7" Display no



HDMI 7" 800x480 Display



HDMI 4 Pi: 7" Display no



TFP401 HDMI/DVI Decoder



HDMI 7" 800x480 Display

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"I would rather entertain and hope that people learned something than educate people and hope they were entertained" - [Walt Disney](#)



4.9 ★★★★★
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