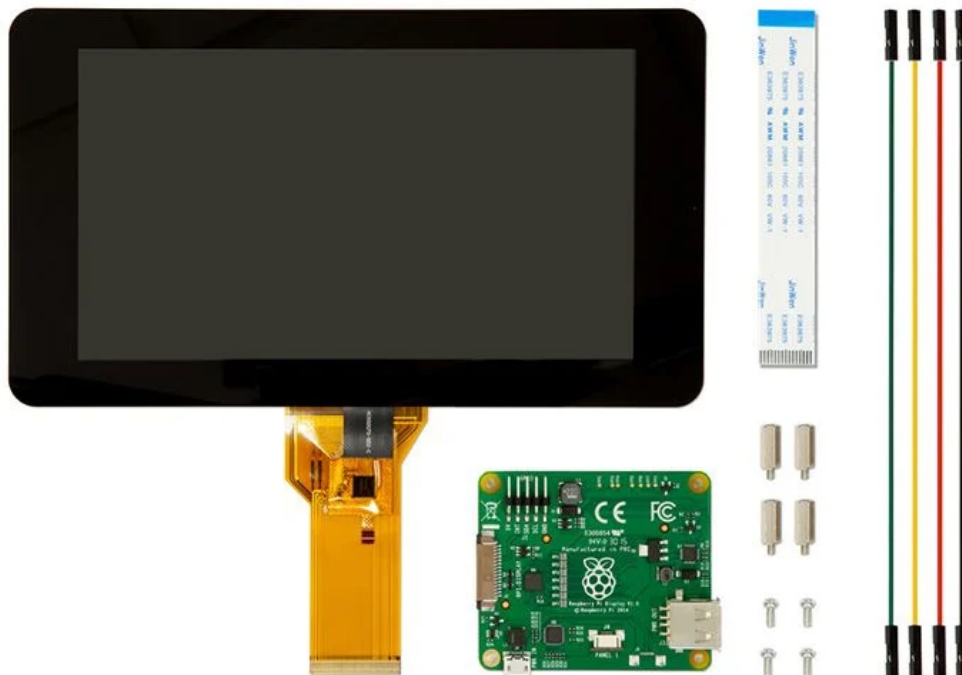


# Raspberry Pi 7 inch Touchscreen Display

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The 7" Touchscreen Monitor for Raspberry Pi gives users the ability to create all-in-one, integrated projects such as tablets, infotainment systems and embedded projects. The 800 x 480 display connects via an adapter board which handles power and signal conversion. Only two connections to the Pi are required; power from the Pi's GPIO port and a ribbon cable that connects to the DSI port present on all Raspberry Pi's. Touchscreen drivers with support for 10-finger touch and an on-screen keyboard will be integrated into the latest Raspbian OS for full functionality without a physical keyboard or mouse.

## Features

- 7" Touchscreen Display.
- Screen Dimensions: 194mm x 110mm x 20mm (including standoffs)
- Viewable screen size: 155mm x 86mm
- Screen Resolution 800 x 480 pixels
- 10 finger capacitive touch.
- Connects to the Raspberry Pi board using a ribbon cable connected to the DSI port.
- Adapter board is used to power the display and convert the parallel signals from the display to the serial (DSI) port on the Raspberry Pi.

## Compatible with

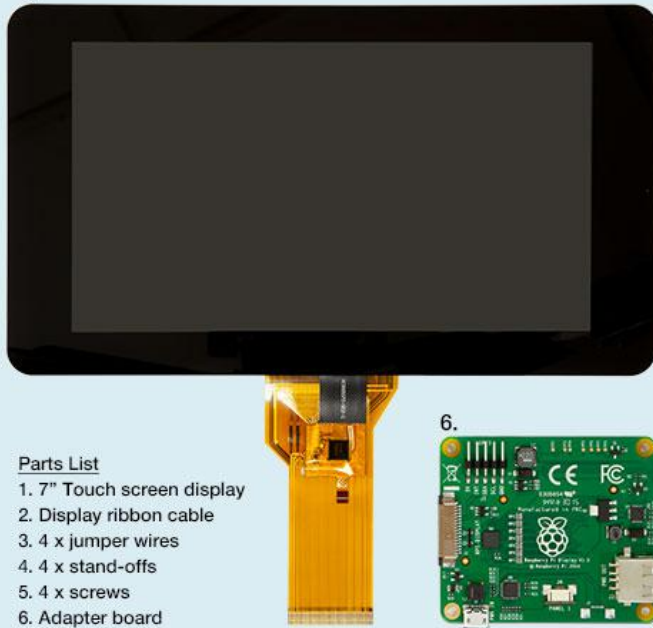
- [Raspberry Pi 3 Model B](#)
- [Raspberry Pi 2 Model B](#)
- [Raspberry Pi Model B+Raspberry Pi Model A+](#)
- [Raspberry Pi 4 Computer Model B 4GB](#)

## Part List

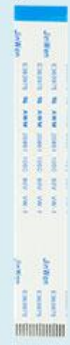
- 1x 7" Touchscreen Display
- 1x Adapter Board
- 1x DSI Ribbon cable

- 4x stand-offs and screws (used to mount the adapter board and Raspberry Pi board to the back of the display)
- 4x jumper wires (used to connect the power from the Adapter Board and the GPIO pins on the Pi so the 2Amp power is shared across both units)

1.



2.



3.



Parts List

- 1. 7" Touch screen display
- 2. Display ribbon cable
- 3. 4 x jumper wires
- 4. 4 x stand-offs
- 5. 4 x screws
- 6. Adapter board

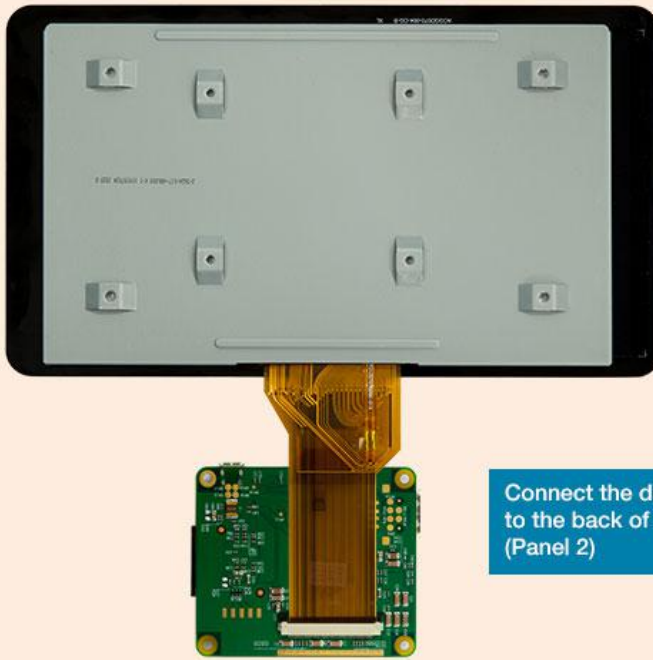
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5.



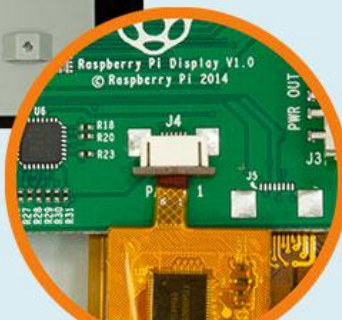
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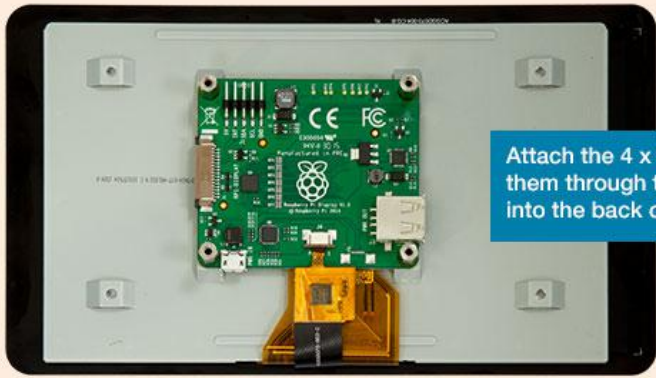


Connect the display ribbon cable to the back of the adapter board (Panel 2)



Lie the adapter board onto the back of the display then connect the touch screen ribbon cable into J4 (Panel 1)

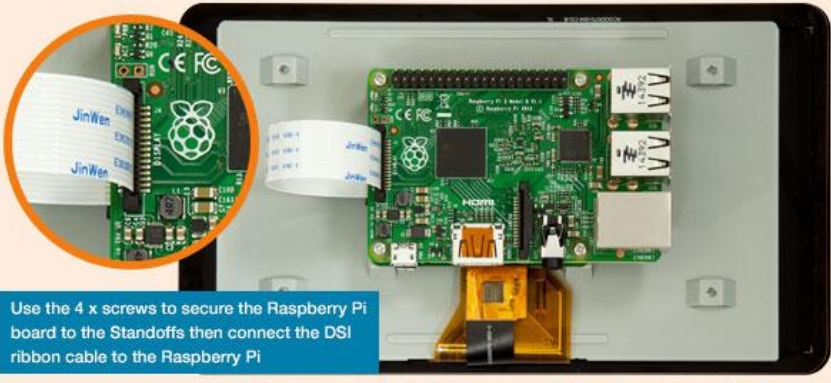




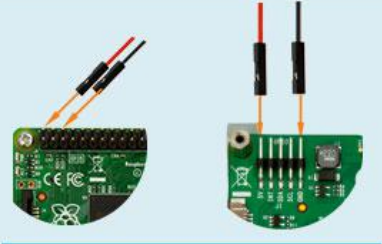
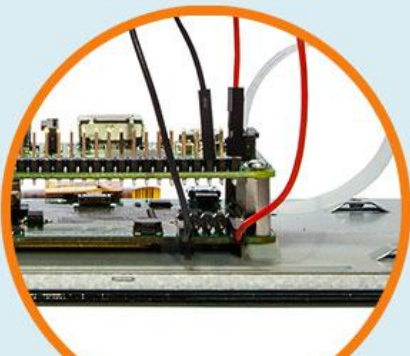
Attach the 4 x Standoffs & screw them through the adapter board into the back of the display



Attach the DSI ribbon cable to the Adapter Board



Use the 4 x screws to secure the Raspberry Pi board to the Standoffs then connect the DSI ribbon cable to the Raspberry Pi



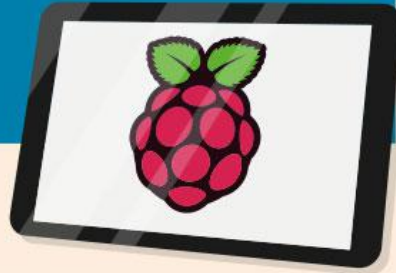
Connect the jumper wires from the Raspberry Pi to the adapter board

Insert a Micro SD Card into the Raspberry Pi with the Latest version of Raspbian installed then attach a 2Amp Power Supply to the Raspberry Pi Adapter Board to power the display and Raspberry Pi Board.



Operating Software:  
Now that you've assembled your Raspberry Pi Touchscreen Display, you will need to download and install the latest version of the Raspbian Operating System - available to download from the Raspberry Pi Foundation at: <https://www.raspberrypi.org/downloads/>

Once installed, type  
`sudo apt-get update`  
and  
`sudo apt-get upgrade`  
(in that order) to install all of the latest drivers and software to support the Touchscreen Display.



Product name	Resolution	Power supply	Display interface	For use with	Dimension(mm)	Touch panel type	Display tec.
<a href="#"><u>5 inch 720x1280 HDMI IPS LCD Display</u></a>	720x1280	5V	HDMI2.0	Raspberry Pi3, Windows, etc.	134x84	None	IPS
<a href="#"><u>5 inch 800x480 Capacitive TouchScreen</u></a>	800x480	5V	HDMI & USB 2.0	Raspberry Pi3, Windows, etc.	184x106x45	Capacitive	TFT
<a href="#"><u>5 Inch HDMI Display with USB TouchScreen</u></a>	800x480	5V	HDMI & USB 2.0	Raspberry Pi3, Pi4, Windows, etc.	170x90x40	Resistive	TFT
<a href="#"><u>5 inch Capacitive touch screen &amp; Acrylic Case Kit</u></a>	800x480	5V	HDMI & USB 2.0	Raspberry Pi3, Windows, etc.	210x150x50	Capacitive	TFT
<a href="#"><u>7 inch 720x1280 HDMI IPS LCD Display</u></a>	720x1280	5V	HDMI2.0	Raspberry Pi3, Pi4, Windows, etc.	192x118	None	IPS
<a href="#"><u>Raspberry Pi 7 inch Touchscreen Display</u></a>	800x480	5V	Display ribbon cable	Raspberry Pi3, Pi2, Pi	194x110x20	Capacitive	TFT
<a href="#"><u>7 Inch 1024x600 Capacitive Touch Screen With Camera Kit</u></a>	1024x600	5V	HDMI & USB 2.0	Raspberry Pi3, Windows, etc.	177x113x15	Capacitive	TFT
<a href="#"><u>10.1 inch 1200x1920 HDMI IPS LCD Display</u></a>	1200x1920	5V	HDMI2.0	Raspberry Pi3, Pi4, Windows, etc.	255x165	None	IPS
<a href="#"><u>15.6 Inch 1920*1080 Full HD IPS Touch Screen Portable Monitor</u></a>	1920x1080	5V	Mini DP/ Mini HDMI / Type C	Raspberry Pi3, Pi4, Windows, etc.	375x230x12	Capacitive	IPS
<a href="#"><u>7 Inch HDMI 1280x800 IPS Display</u></a>	1280x800	7.5V~12V	AV + VGA + HDMI (HDMI 1.2)	Raspberry Pi3, Windows, etc.	162x106x5	None	IPS
<a href="#"><u>7 Inch 1024x600 Capacitive Touch Screen DIY Kit</u></a>	1024x600	5V	AV + VGA + HDMI (HDMI 1.2)	Raspberry Pi3, Windows, etc.	265x165x50	Capacitive	TFT

<u>10.1 Inch LCD Display - 1366x768 HDMI&amp;VGA&amp;NTSC&amp;PAL</u>	1366x768	5V~24V	AV + VGA + HDMI (HDMI 1.2)	Raspberry Pi3,Pi4,Windows,etc.	230x150x5	None	TFT
<u>Raspberry Pi HDMI LCD (10.1 inch)</u>	1280x800	5V	HDMI & USB 2.0	Raspberry Pi3,Pi4,Windows,etc.	290x200x35	Capacitive	IPS