

7inch HDMI LCD (C), 1024×600, IPS, supports various systems

SKU: 7inch HDMI LCD (C)
Brand: Waveshare

\$59.99

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\$53.99	20+
\$49.99	100+

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DESCRIPTION

1024×600, 7 inch Capacitive Touch Screen LCD, HDMI interface, supports various systems

Features

- 1024×600 high resolution
- Capacitive touch control
- Supports Raspberry Pi
- Supports Banana Pi / Banana Pro, comes with Lubuntu, Raspbian images
- Supports BB Black, comes with Angstrom image
- For other mini-PCs, driver is required and should be developed by users
- Not only for mini-PCs, it can work as a computer monitor just like any other general HDMI screen
- HDMI interface for displaying, USB interface for touch control
- Back light control to lower power consumption

For revisions under Rev2.1:

- For the Raspberry Pi, comes with Raspbian driver (works with your Raspbian directly), and Ubuntu image
- When work as a computer monitor, touch function is unavailable

Rev2.1 New Features:

- Upgrade to IPS screen, wider viewing angle, more clear displaying
- Standard HID protocol, easy to be integrated into your system
- For the Raspberry Pi, supports Raspbian, Ubuntu, Windows 10 IoT, single touch, and driver free
- When work as a computer monitor, supports Windows 10/8.1/8/7, five-points touch, and driver free

Supported mini PC

mini PC	Driver	Image
Raspberry Pi B	Raspbian	Raspbian
Raspberry Pi A+	Raspbian	Raspbian
Raspberry Pi B+	Raspbian	Raspbian

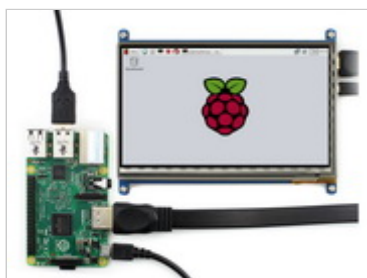
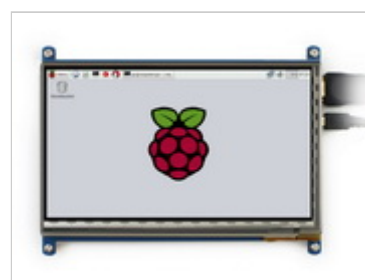
Raspberry Pi 2 Model B	Raspbian	Raspbian, Ubuntu, Windows 10 IoT
Raspberry Pi 3 Model B	Raspbian	Raspbian, Ubuntu
Banana Pi	-	Raspbian, Lubuntu
Banana Pro	-	Raspbian, Lubuntu
BB Black	-	Angstrom

Note :

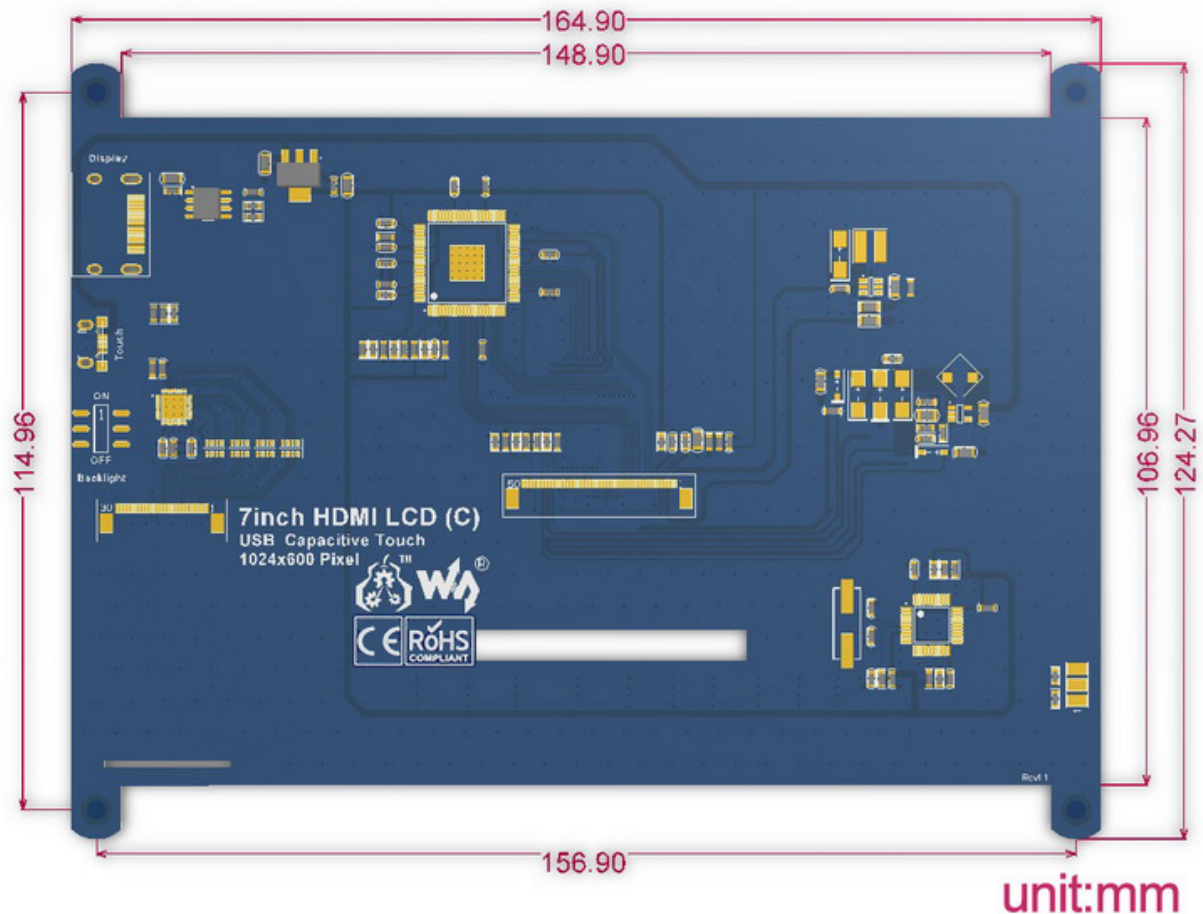
Drivers can be added to your current system to support LCD display and touch control.

Images CAN NOT be used with your current system. They're stand-alone systems which support LCD display and touch control already.

Photos



External Dimension



Development Resources

Wiki : [www.waveshare.com/wiki/7inch HDMI LCD \(C\)](http://www.waveshare.com/wiki/7inch_HDMI_LCD_(C))

FAQ

Why the LCD doesn't work with my Raspbian?

To use the LCD with the Raspberry Pi official image, driver should be installed first. Please refer to the user manual. However, for the first testing, you may want to use our provided image directly.

Why the LCD still doesn't work with the Waveshare provided image?

Make sure the hardware connection is correct and connects fine.

Make sure the image in TF card is burnt correctly.

The PWR will keep on and the ACT will keep blinking when the Raspberry Pi starts up successfully, in case both of the two LEDs keep on, it is possible that the image was burnt incorrectly OR the TF card was in bad contact.

Which power supply should I use?

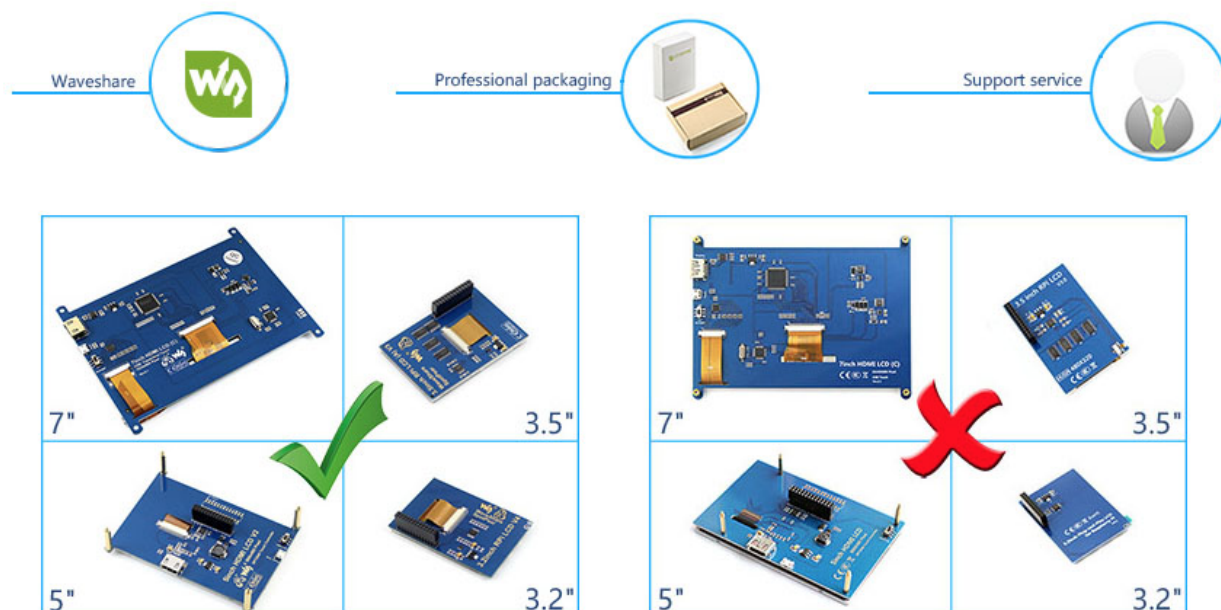
It is strongly recommended to use a stand-alone 5V/2A power adapter, because the PC's USB port might have not enough power to support the Pi and LCD.

For more info, please check the wiki page.

Anti-Piracy

Since the first-generation Raspberry Pi released, Waveshare has been working on designing, developing, and producing various fantastic touch LCDs for the Pi. Unfortunately, there are quite a few pirated/knock-off products in the market. They're usually some poor copies of our early hardware revisions, and comes with none support service.

To avoid becoming a victim of pirated products, please pay attention to the following features when purchasing:



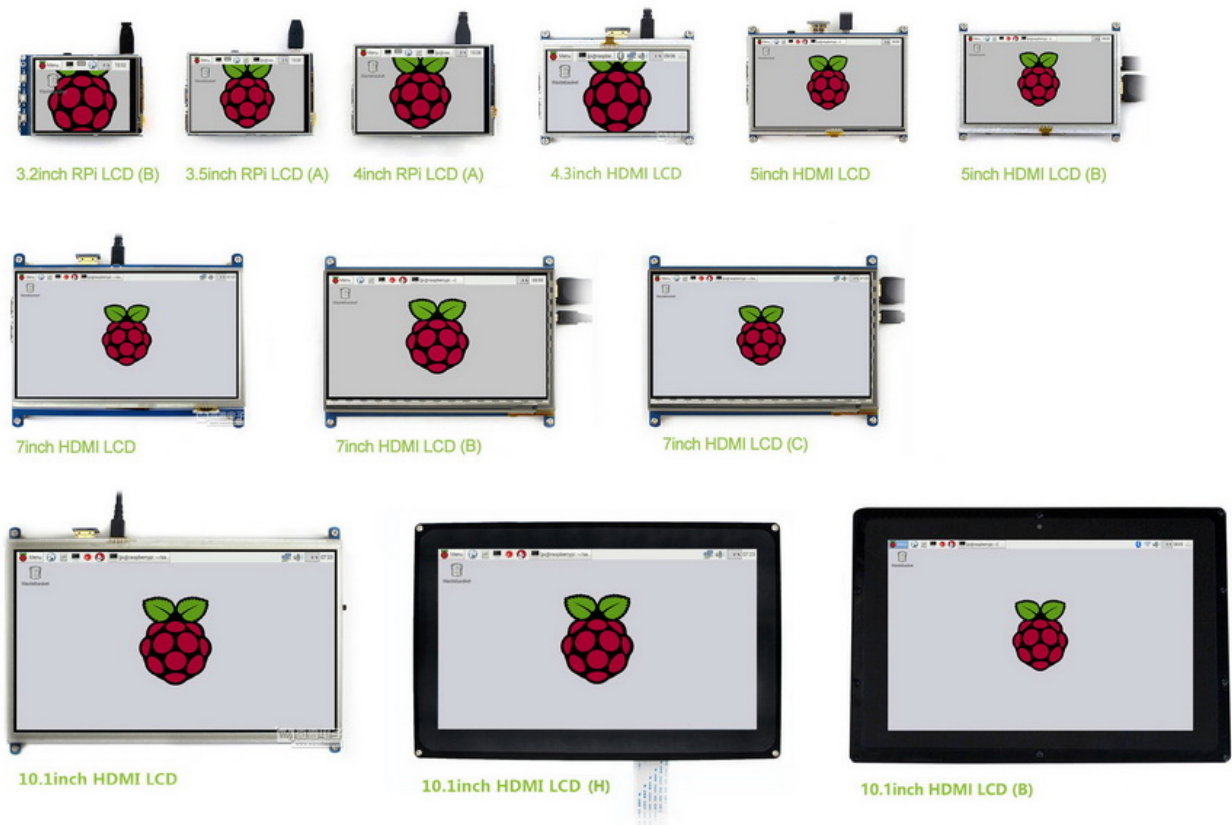
[\(Click to enlarge\)](#)

Selection Guide

Part Number	Resolution	LCD Interface	Touch Panel Interface	For use with	Dimension (mm)	Touch Panel Type	How you feel	Feature
3.2inch RPi LCD (B)	320x240	I/O	I/O	Pi	As the Pi 3B	Resistive	★★	Low cost
3.5inch RPi LCD (A)	320x480	I/O	I/O	Pi	As the Pi 3B	Resistive	★★★	Cost effective
4inch RPi LCD (A)	320x480	I/O	I/O	Pi	94 × 61	Resistive	★★★★☆	IPS screen
4.3inch HDMI LCD	480×272	HDMI	I/O	Pi	106 × 68	Resistive	★★★★	Cost effective
5inch HDMI LCD	800x480	HDMI	I/O	Pi	121 × 78	Resistive	★★★★	Low cost
5inch HDMI LCD (B)	800x480	HDMI	USB	Not only Pi	121 × 76	Resistive	★★★★	Supports various systems
7inch HDMI LCD	1024×600	HDMI	I/O	Pi	165 × 107	Resistive	★★★★☆	IPS screen
7inch HDMI LCD (B)	800x480	HDMI	USB	Not only Pi	165 × 107	Capacitive	★★★★☆	Supports various systems
7inch HDMI LCD (C)	1024x600	HDMI	USB	Not only Pi	165 × 107	Capacitive	★★★★★	IPS screen, Supports various systems
10.1inch HDMI LCD	1024×600	HDMI	I/O	Pi	235 × 144	Resistive	★★★★☆	Cost effective
10.1inch HDMI LCD (H)	1024x600	HDMI	USB	Not only Pi	257 × 162	Capacitive	★★★★☆	Supports various systems
10.1inch HDMI LCD (B)	1280x800	HDMI	USB	Not only	274 × 187	Capacitive	★★★★★	IPS screen, Supports

				Pi			various systems
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Note :
Pi 3B = Raspberry Pi 3 Model B
If the LCD is intended to play videos, please choose the one with HDMI display interface for better experience.
Have a look :



PACKAGE CONTENT

REVIEWS