

10.1inch HDMI LCD, 1024×600



10.1inch Resistive Touch Screen LCD, HDMI interface, Designed for Raspberry Pi

Features

- 1024×600 high resolution
- Resistive touch control
- Compatible and Direct-connect with any revision of Raspberry Pi (except the Pi 1 model B or Pi Zero, which requires an HDMI cable)
- Drivers provided (works with your own Raspbian/Ubuntu directly)
- Also works as a computer monitor, in this case, touch panel is unavailable and HDMI cable is required
- HDMI interface for displaying, no I/Os required (however, the touch panel still needs I/Os)
- Back light control to lower power consumption

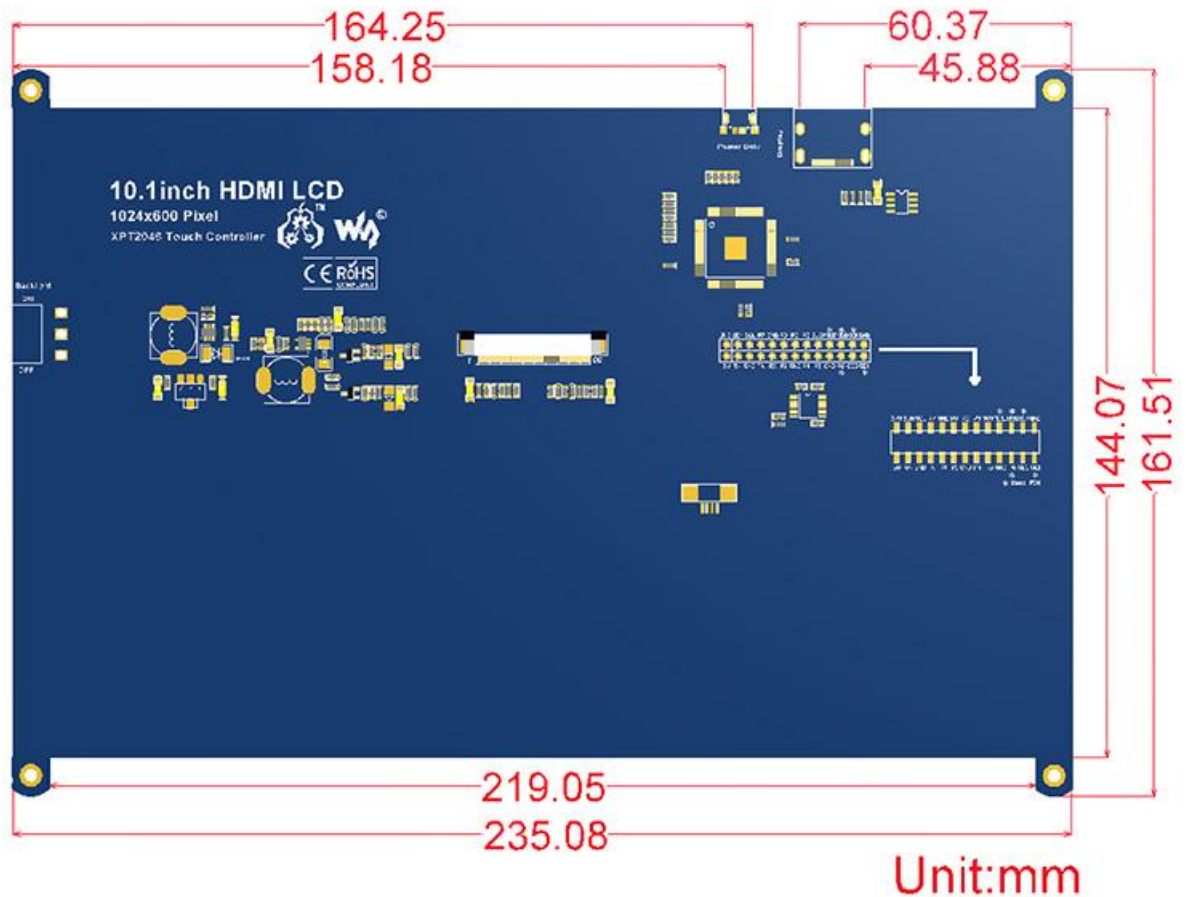
Photos



Interface

PIN NO.	SYMBOL	DESCRIPTION
1, 17	3.3V	Power positive (3.3V power input)
2, 4	5V	Power positive (5V power input)
3, 5, 7, 8, 10, 11, 12, 13, 15, 16, 18, 24	NC	NC
6, 9, 14, 20, 25	GND	Ground
19	TP_SI	SPI data input of Touch Panel
21	TP_SO	SPI data output of Touch Panel
22	TP_IRQ	Touch Panel interrupt, low level while the Touch Panel detects touching
23	TP_SCK	SPI clock of Touch Panel
26	TP_CS	Touch Panel chip selection, low active

External Dimension



Development Resources

Wiki : www.waveshare.com/wiki/10.1inch_HDMI_LCD

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: