

## 4inch Resistive Touch Screen LCD, HDMI interface, IPS Screen, Designed for Raspberry Pi



### Features

- 800×480 high resolution
- Resistive touch control
- IPS technology, high quality and perfect displaying from very wide viewing angle
- 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

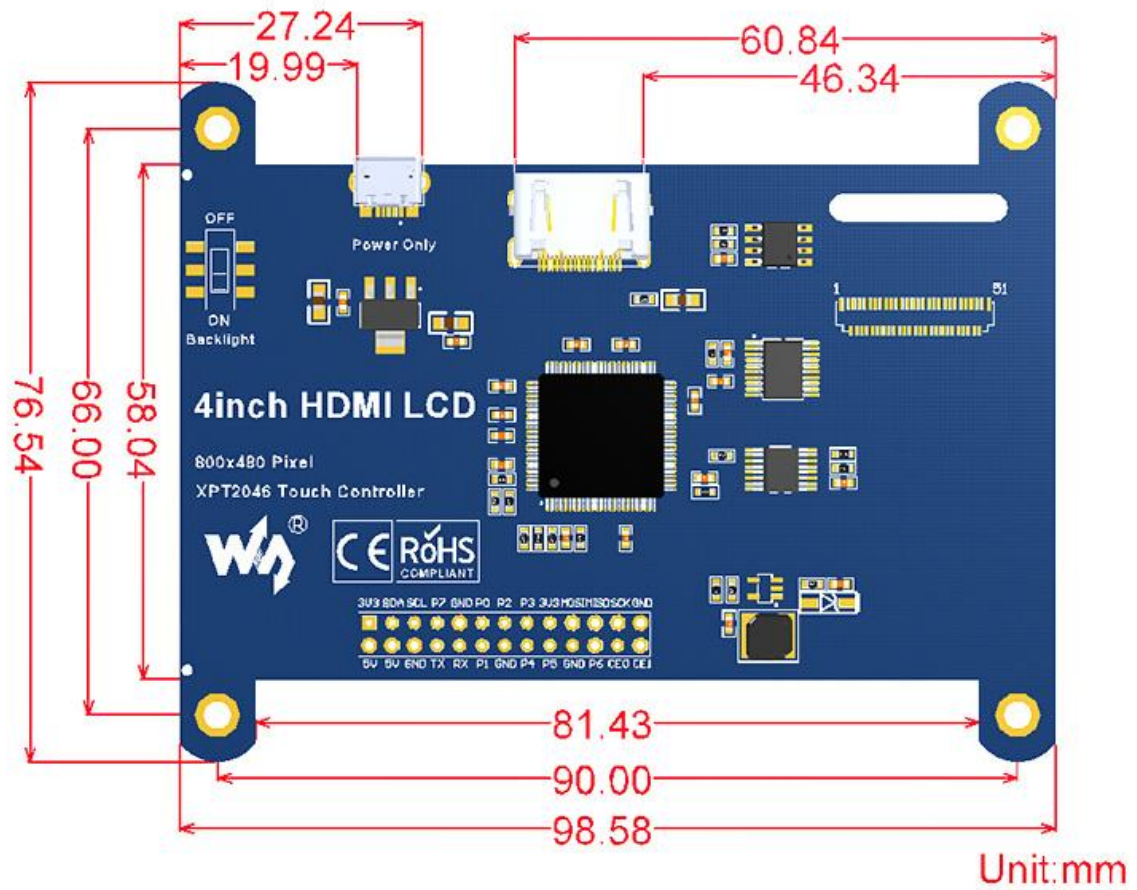
### Photos



## 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/4inch\\_HDMI\\_LCD](http://www.waveshare.com/wiki/4inch_HDMI_LCD)