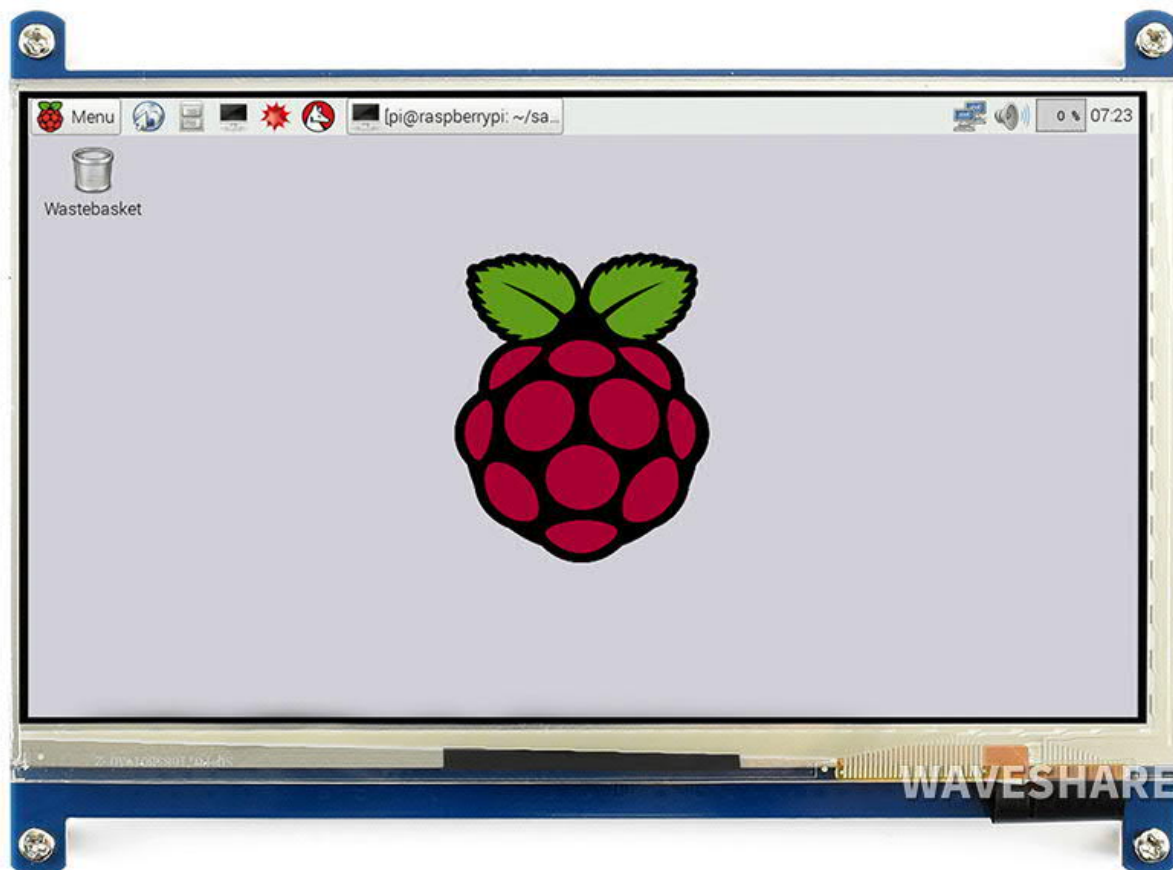
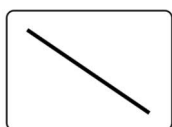


7inch Capacitive Touch Screen LCD (C), 1024×600, HDMI, IPS, Low Power Consumption

## 7" HDMI Touch Display

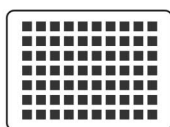


### Size



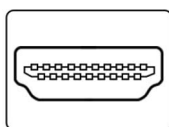
7"

### Resolution



1024×600

### Display Port



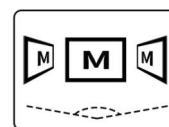
HDMI

### Display Panel



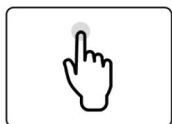
IPS

### Viewing Angle



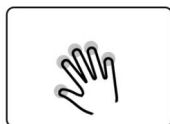
170°

### Touch Type



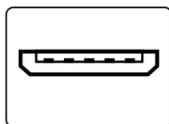
Capacitive

### Touch Points



5-Points

### Touch Port



USB

### Consumption



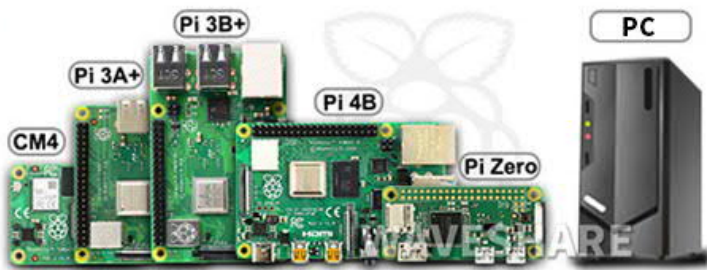
Low Power

### Certification



CE

## Device & System Support



## Raspberry Pi

Supports Raspbian, 5-points touch, driver free

Supports Ubuntu / Kali / WIN10 IoT, single point touch, driver free

Supports RetroPie, driver free

Supports all versions of Raspberry Pi

## PC

Supports Windows 10 / 8.1 / 8 / 7, 5-points touch, driver free

# Connection Examples

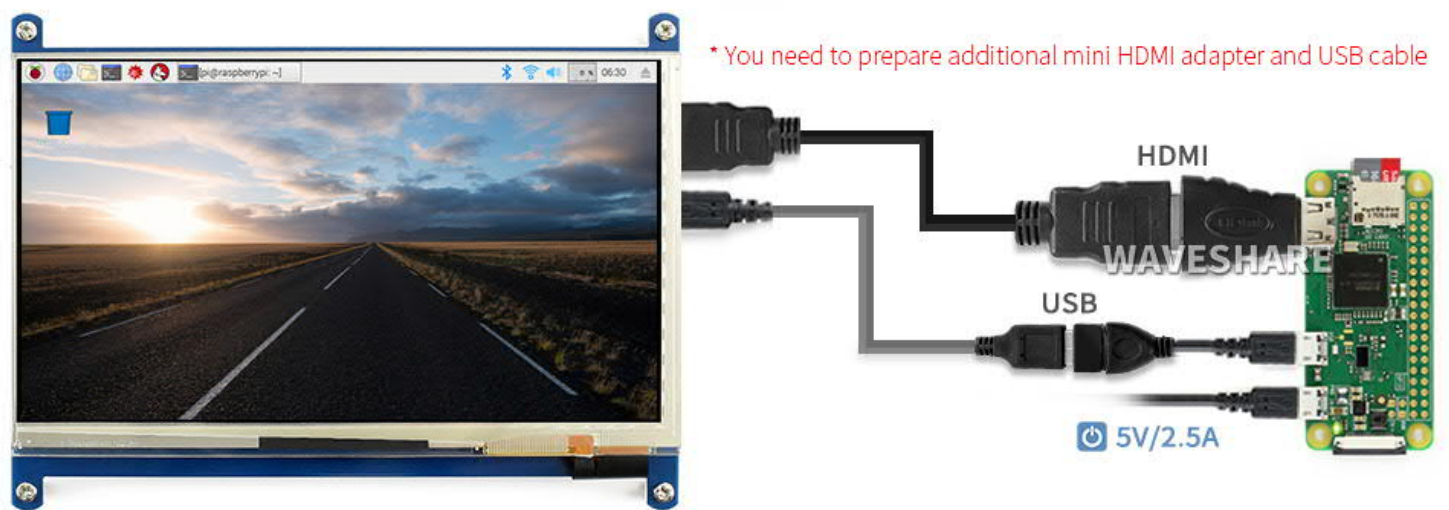
## Working With Raspberry Pi 4



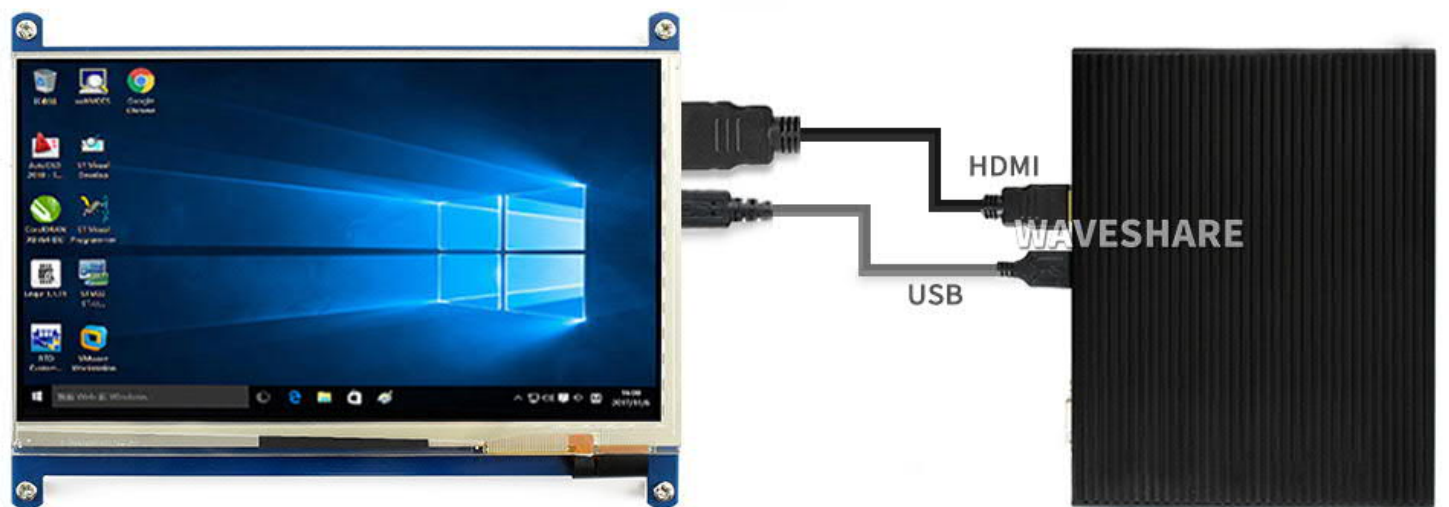
## Working With Raspberry Pi 3B+



## Working With Raspberry Pi Zero W



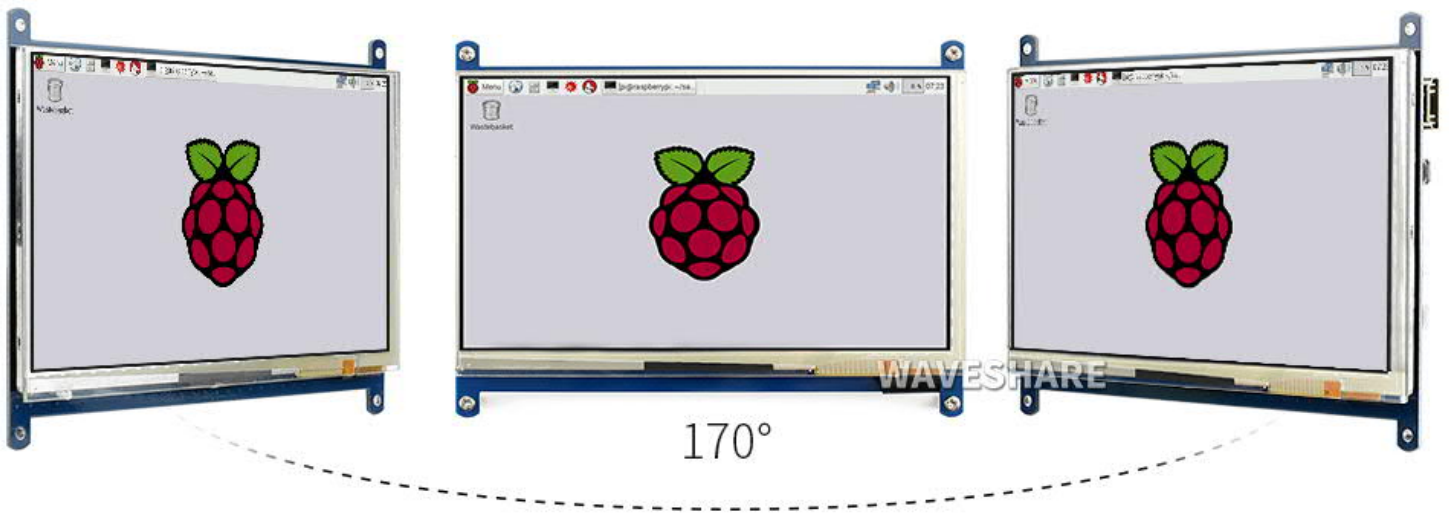
## Working With Mini PC



# Display

IPS Panel





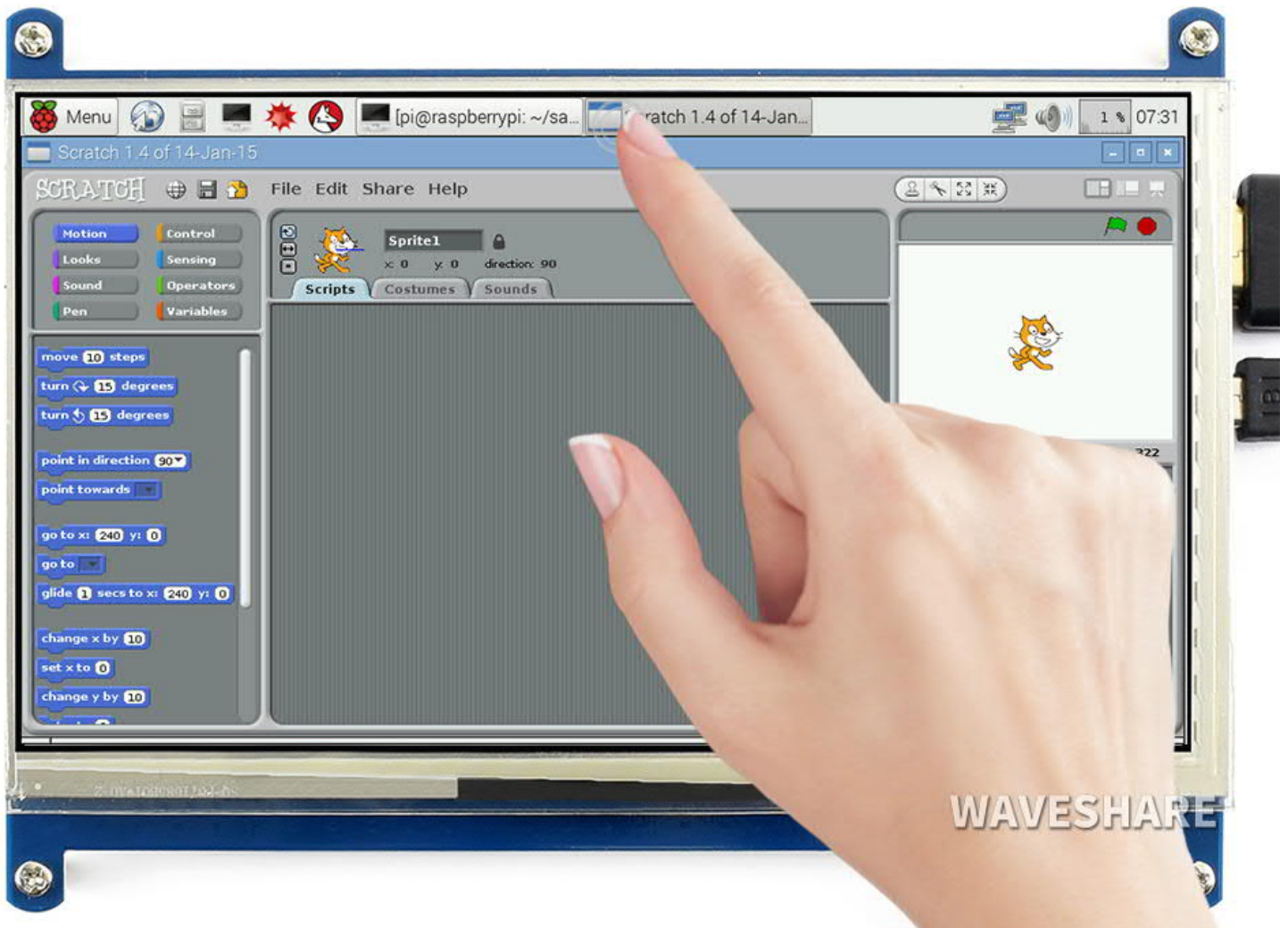
## Touch Control



Capacitive Touch

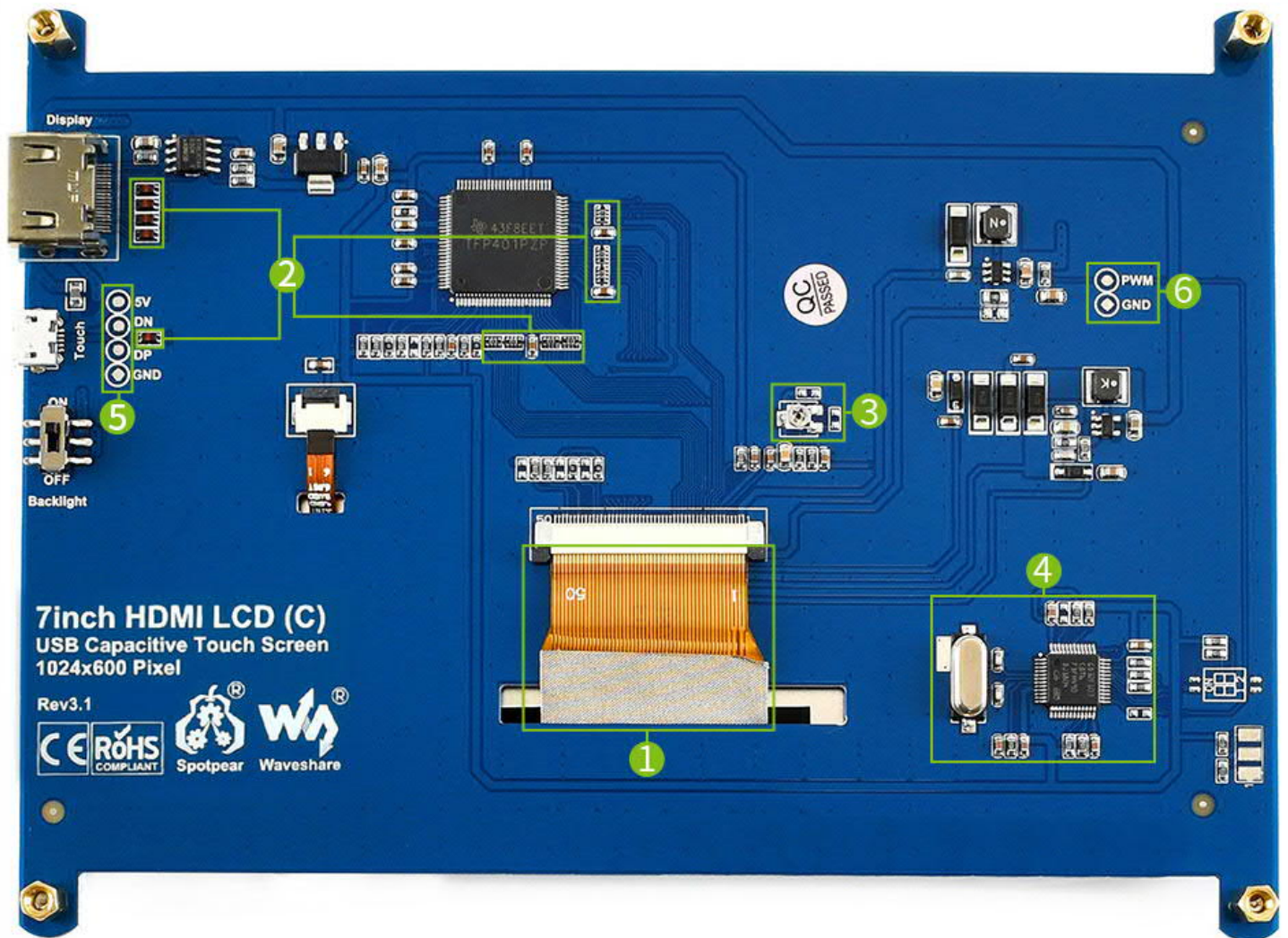


Up To 5-Points Touch<sup>1)</sup>



1) up to 5-points touch, depending on the operating system.

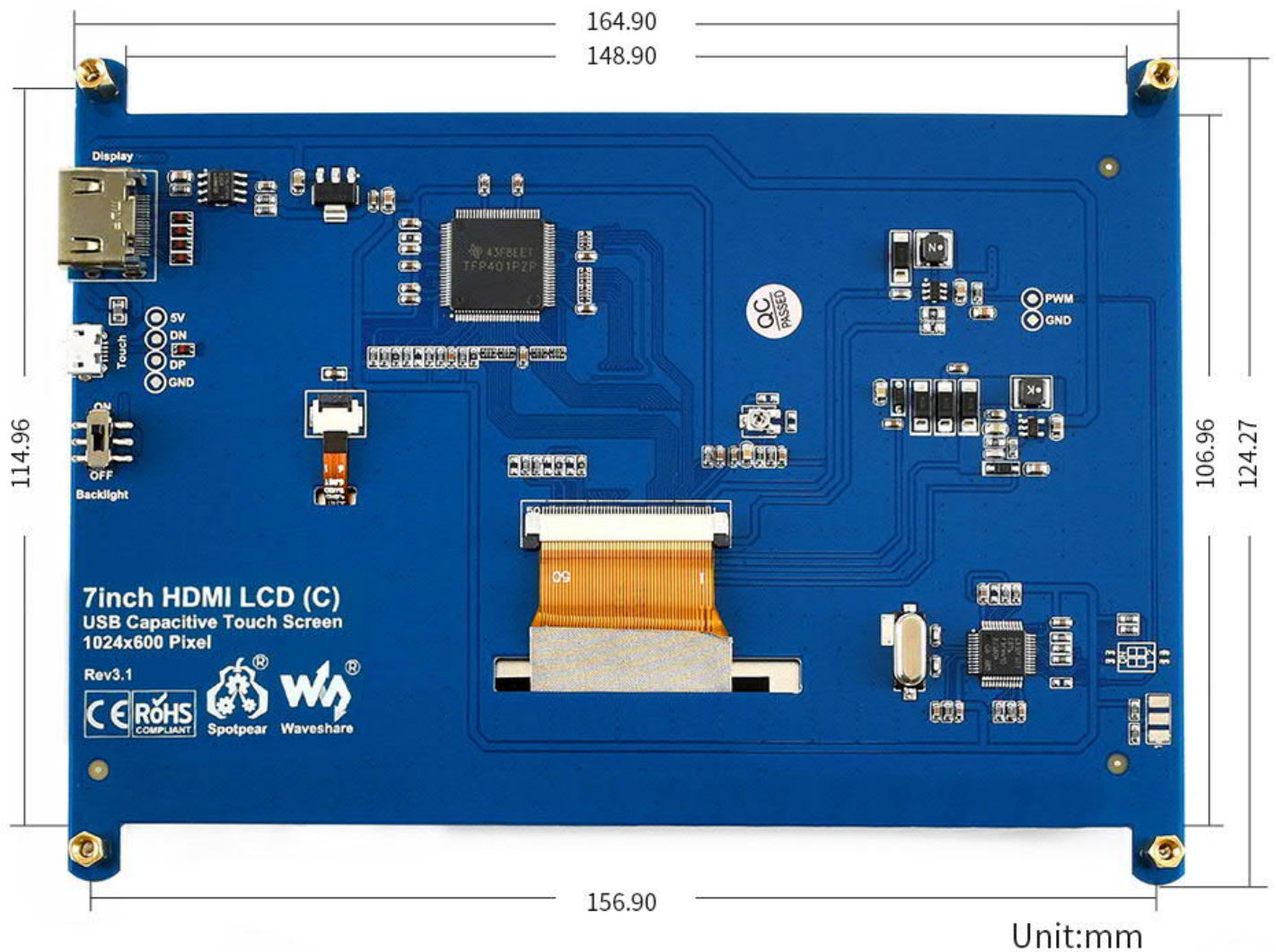
## Demystifying Design Details



1. LCD FFC cable anti-interference design, more stable for industrial application
2. EMI and ESD protection, in compliance with CE certification
3. VCOM voltage adjustment for optimizing display effect
4. USB protocol translator, converting the touch signal into standard multi-points touch protocol to achieve smooth multi-points touch control
5. USB and power input solder pads, breakout USB interface, easy for connecting external power supply
6. Backlight adjustment solder pads for PWM signal input, so as to control the backlight brightness, increasing the lifetime of the display

## Appearance And Dimensions





## Resources & Services



WAVESHARE  
ORIGINAL ✓



PROFESSIONAL  
TECH SUPPORT



RICH RESOURCES  
MANUAL & DEMO

Wiki: [www.waveshare.com/wiki/7inch\\_HDMI\\_LCD\\_\(C\)](http://www.waveshare.com/wiki/7inch_HDMI_LCD_(C))

## Product Certification

HDMI Certified



HDMI® Licensing Administrator, Inc.

# Certified HDMI® Adopter

Certified Adopters are official HDMI licensees who are authorized to design, manufacture, and sell Licensed Products based on the HDMI Specification in accordance with the HDMI Adopter Agreement.

Presented to Shenzhen Weixue Electronics Co., Ltd.

Date issued March 29, 2021

Expiration date March 29, 2022

A handwritten signature in black ink.

President, HDMI Licensing Administrator, Inc.



Certification # RUHSQECNP51

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