7inch Capacitive Touch Screen LCD (B), 800×480, HDMI, Low Power

SKU: 10829
Part Number: 7inch HDMI LCD (B)
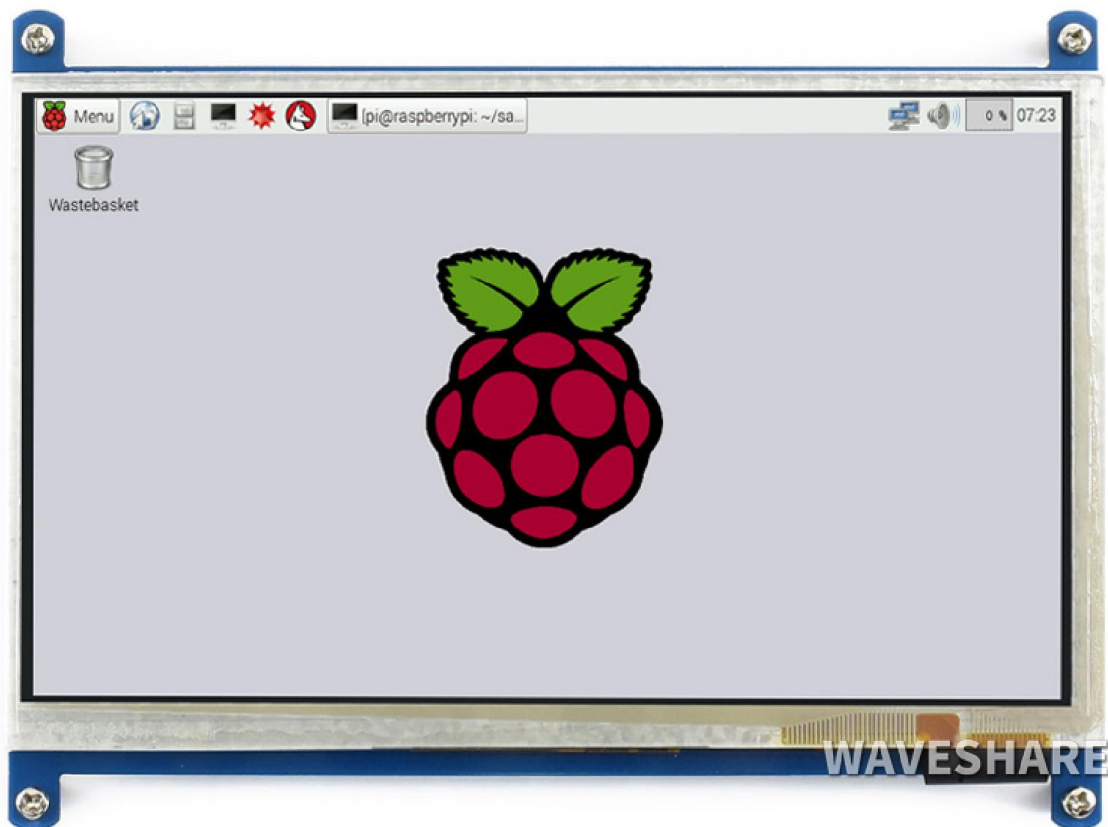**Brand:** Waveshare
UPC: 712321339553
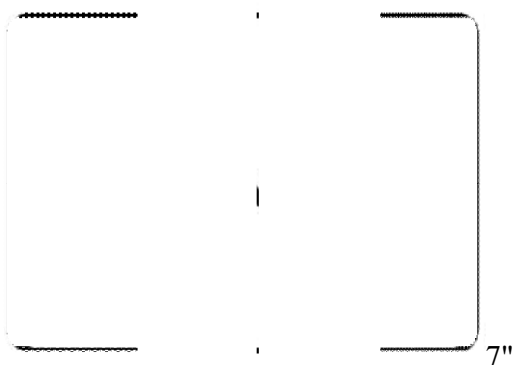
Description
Package Content

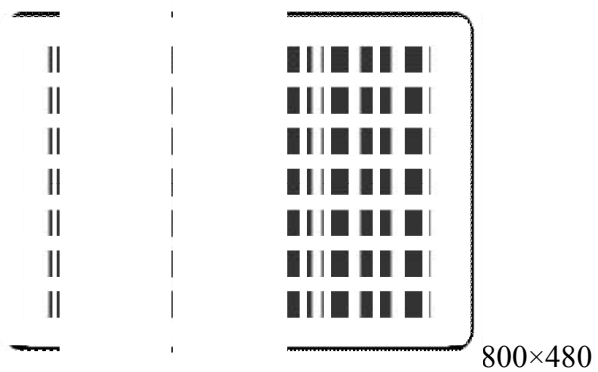   7inch Capacitive Touch Screen LCD (B), 800×480, HDMI, Low Power Consumption
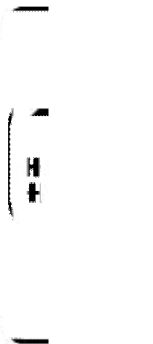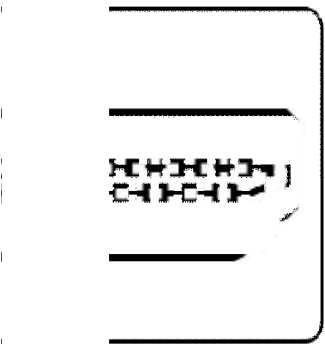   7" HDMI Touch Display

- Size   7"

- Resolution   800×480
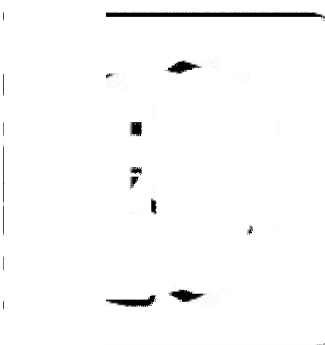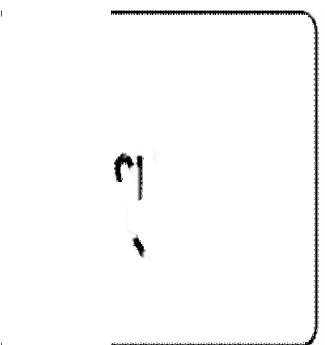
- Display Port   HDMI

- Consumption   Low Power

- Touch Type   Capacitive

- Touch Points   5-Points

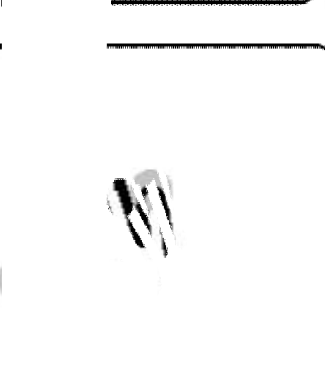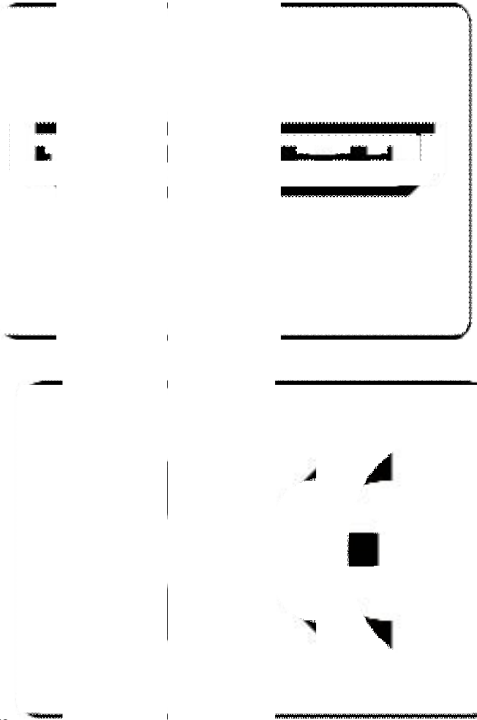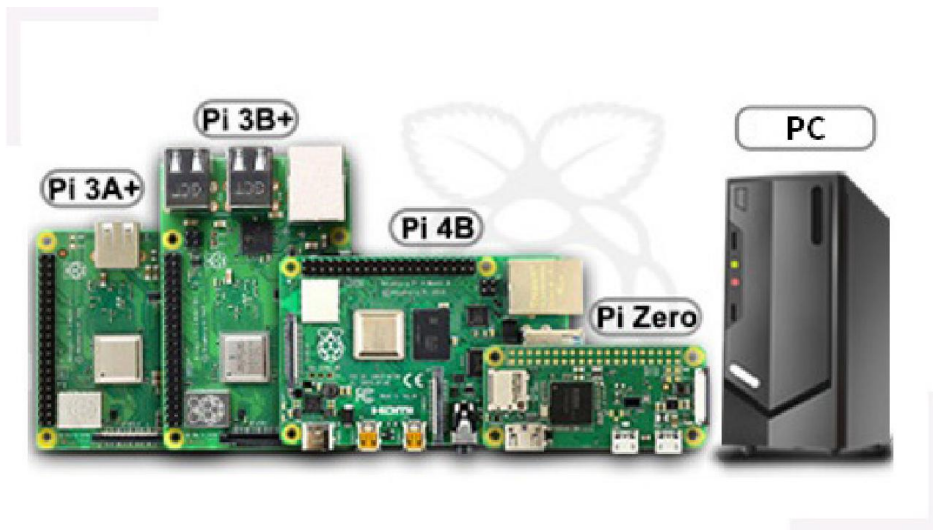- Touch Port   USB

- 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
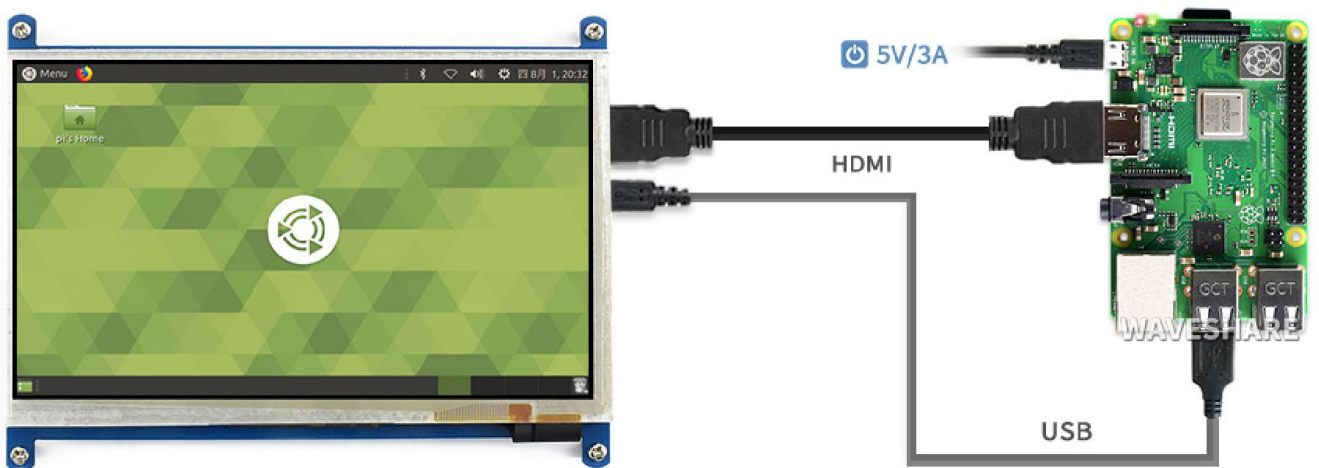
Supports all versions of Raspberry Pi

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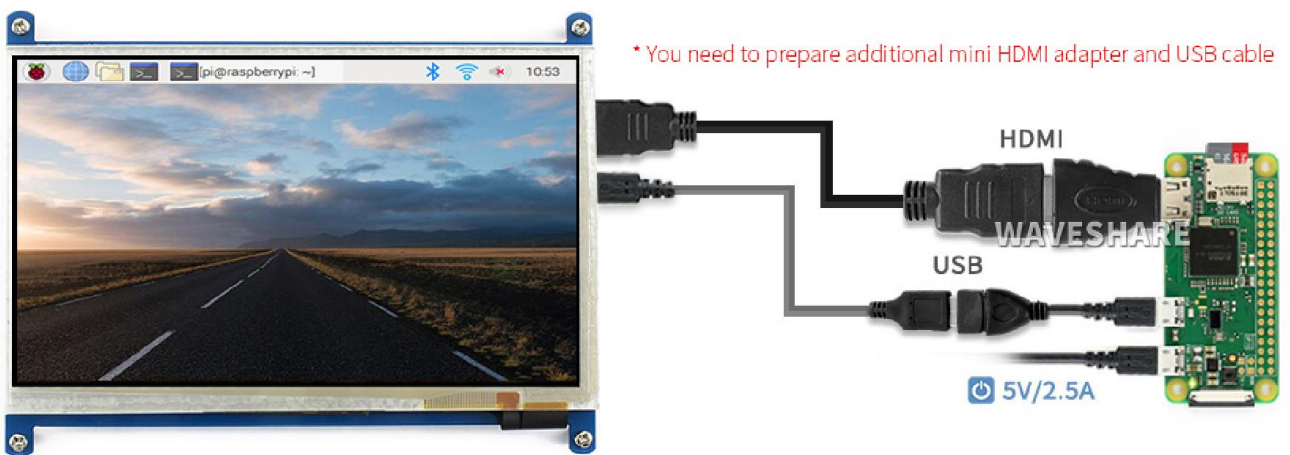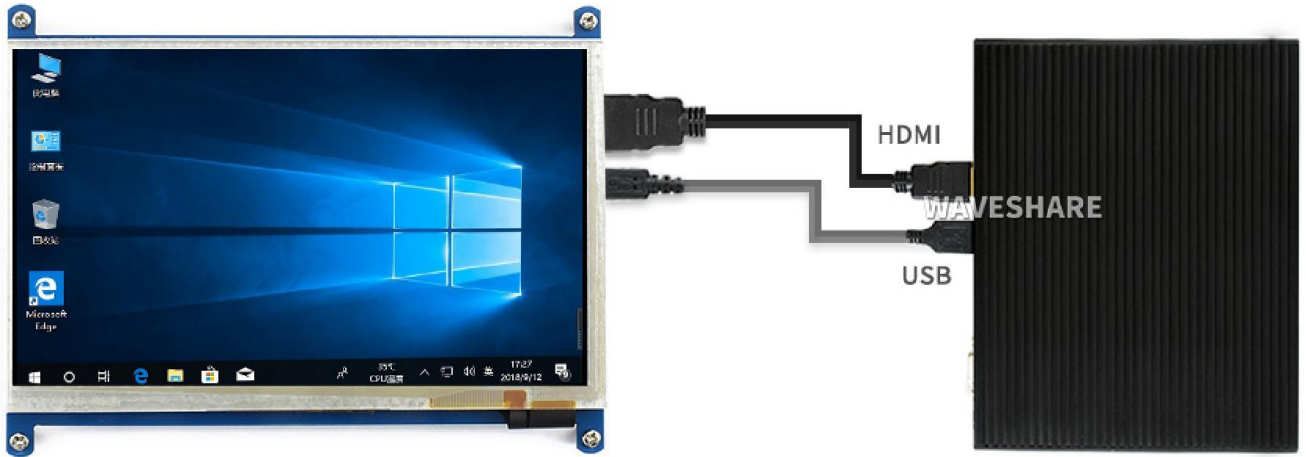Hookup Example

Working with Raspberry Pi 4

Working with Raspberry Pi 3B+

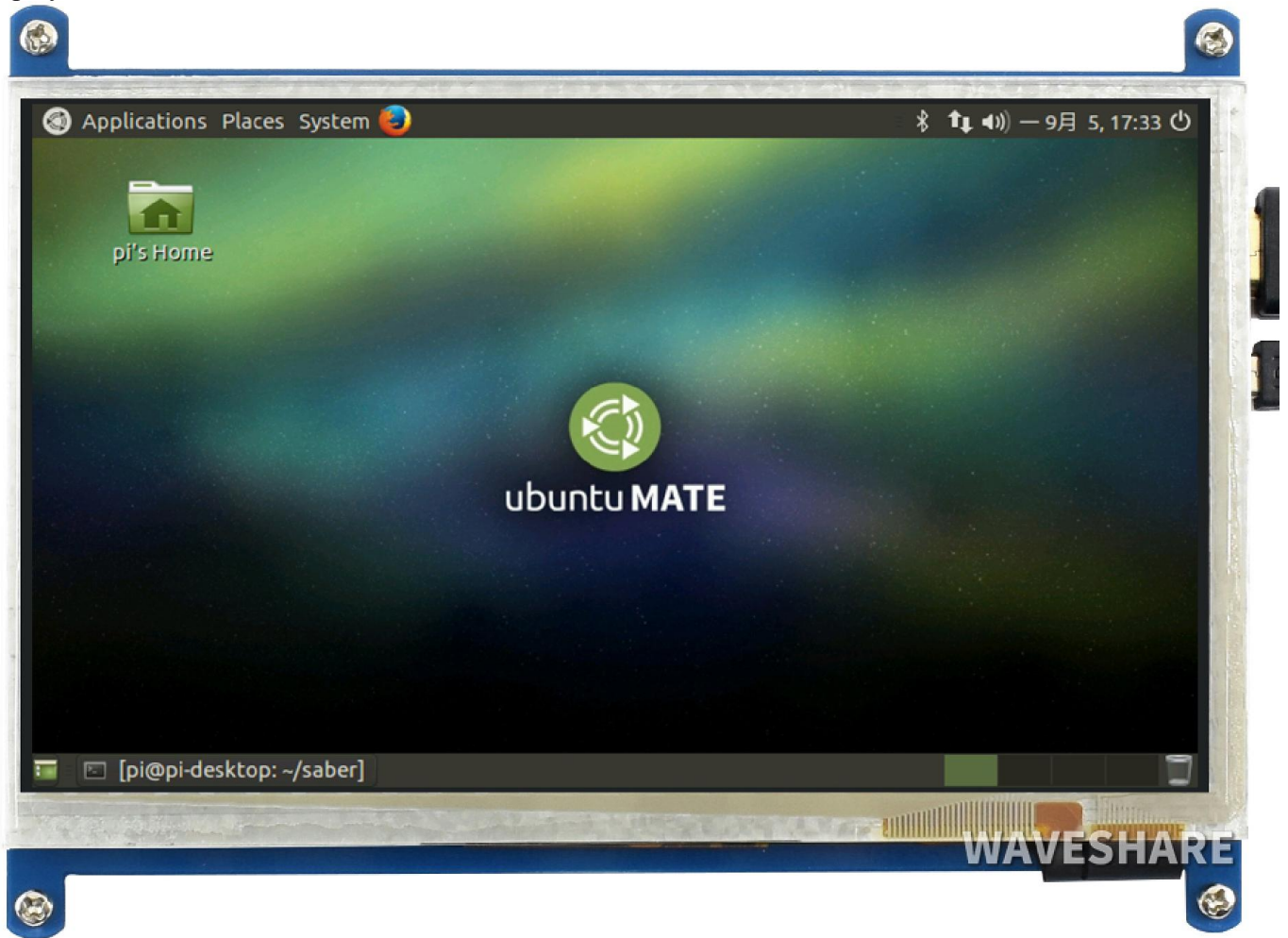Working with Raspberry Pi Zero W

Working with mini PC

Display

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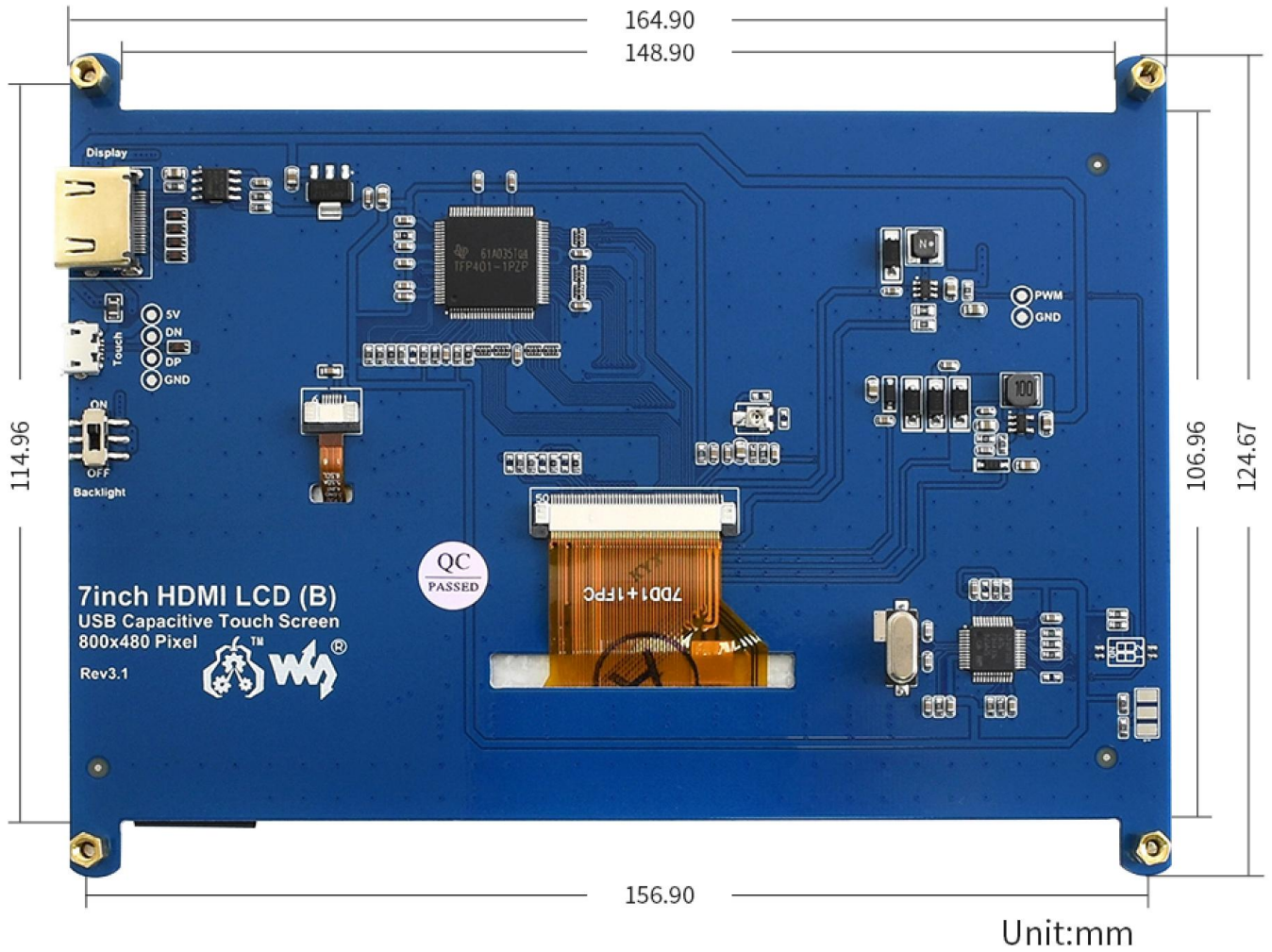
1) up to 5-points touch, depending on the operating system.

Demystifying Design Details

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

Appearance and Dimensions

164.90

148.90

Display

5V
DN
DP
GND
Touch

ON
OFF
Backlight

114.96

7inch HDMI LCD (B)
USB Capacitive Touch Screen
800x480 Pixel
Rev3.1

QC
PASSED

61A035TG4
TFP401-1PZP

PWM
GND

100

7DD1+1FPC

106.96

124.67

156.90

Unit:mm

Resources & Services
Wiki: www.waveshare.com/wiki/7inch_HDMI_LCD_(B)