

10.1" IPS HD Resolution Touchscreen Display for Raspberry Pi

multicomp PRO

**RoHS
Compliant**



Description

Unleash the potential of the Raspberry Pi with our pre-assembled display kit, turning the Raspberry Pi into a complete system with a 10.1" IPS HD resolution Projective Capacitive touch screen, PCAP Display System- WXGA.

Applications

The potential uses are limitless and encompass a very wide range of applications, e.g. industrial automation, medical devices, home technology, IoT products, communication on systems etc.

Integration

The Raspberry Pi is simply mounted onto the rear of the interface PCB using the supplied pillars and screws. The system can be either panel or flush mounted using our range of cases, covers and front bezels for easy integration to most applications.

Features

- Full viewing angle TFT display
- Multi-touch input PCAP touch screen
- Pinch, Zoom, Rotate.
- One single power supply for both screen & Pi
- Easy Integration for panel or flush mount
- HD- 1280 x 800 - WXGA Resolution
- 10.1" Diagonal Full View Angle (IPS) TFT Display(85/85/85/85)
- Multi-finger Capacitive Touch
- Connects direct to the Raspberry Pi Via the HDMI port
- USB or I2C Touch Interface

Specifications

Dimension	: 255mm × 174mm × 9mm
View Area	: 218mm × 137mm
Brightness	: 450cdm (Typ.)
Resolution	: HD 1280 × 800 Pixels- WXGA
Power	: 0.5A @ 12V DC (6 Watts) (Exc. Pi)

Compatible with
Raspberry Pi- Compute Module
Raspberry Pi- Model A
Raspberry Pi- Model A+
Raspberry Pi 2
Raspberry Pi 3- Model B
Raspberry Pi 3- Model B+
Raspberry Pi 4

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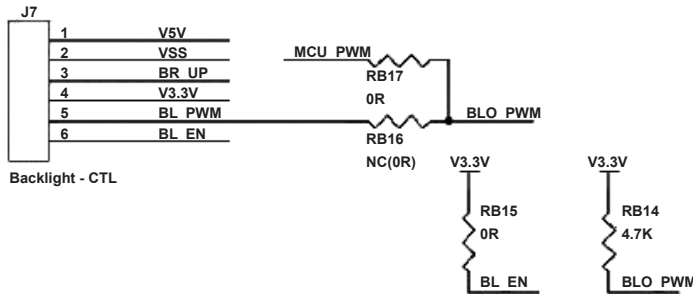


Included in Kit as Standard

- 10.1" Touch Screen Display & HDMI interface (pre-assembled)
- HDMI to HDMI connector to Pi Interface
- Micro USB to USB interface cable
- Internal Power cable for Raspberry Pi
- USB / I2C Touch Interface Cable
- 4×M2.5 Screws & Pillars to mount Raspberry Pi

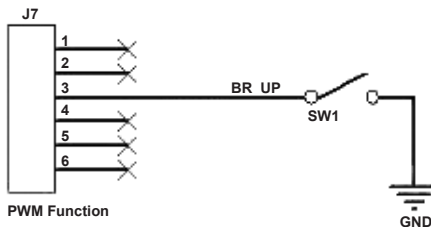
Backlight Brightness Control

If anyone want to control the display brightness, the user should connect an externally generated pulse width for pin #5 of J7. Please modify resistor RB16 and RB17: RB17 open/RB16 short. (zero-ohm resistor)



Hardware Push Button Switch (Active)

Use switch to setting the backlight brightness, low active for 10 cycles to brightness control.



Part Number Table

Description	Part Number
10.1" Touchscreen Display, Raspberry Pi	Touchscreen 10.1

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