

MPI7009

MPI7009 LCD Product manual



To ensure safe use of this product, please read this manual
carefully

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1. Summary description

1.1. Feature description

Own shell

- Hard iron shell

7inch IPS full Angle display

- The viewing Angle is large

- true color

- Dynamic picture quality is excellent

1024X600 Resolution

- HD Vision

- Display is very delicate

- Software settings, resolution can be increased to 1920X1080

New touch panel

- Tempered glass touch panel

- Hardness up to 6H, more durable and more scratch resistant

High sensitivity capacitive touch screen

- Accurate touch

- Supports up to 5 touch points

HDMI video input interfaces

- High definition video display

audio output

- Stereo dual speaker output shock sound

- 3.5mm external audio interface

Multifunctional leave Switch

- Support brightness and volume adjustment

- Support menu settings

Support multiple device access

- Can connect to mainstream development boards such as Raspberry Pi, Banana Pi, BB Black, etc

- Can connect to mainstream game consoles such as PS4, Xbox360, Switch, etc

- Can connect to mainstream TV boxes and digital cameras (display only)

Supports multiple system displays

- Support systems such as Raspbian, Kali Linux, Ubuntu, Kodi, Win10 IOT, and touch free drive

- Support Win7/8/10/11 and other systems, touch free drive

CE and RoHS certified

1.2. Product image



2. Parameter

2.1. LCD Parameter

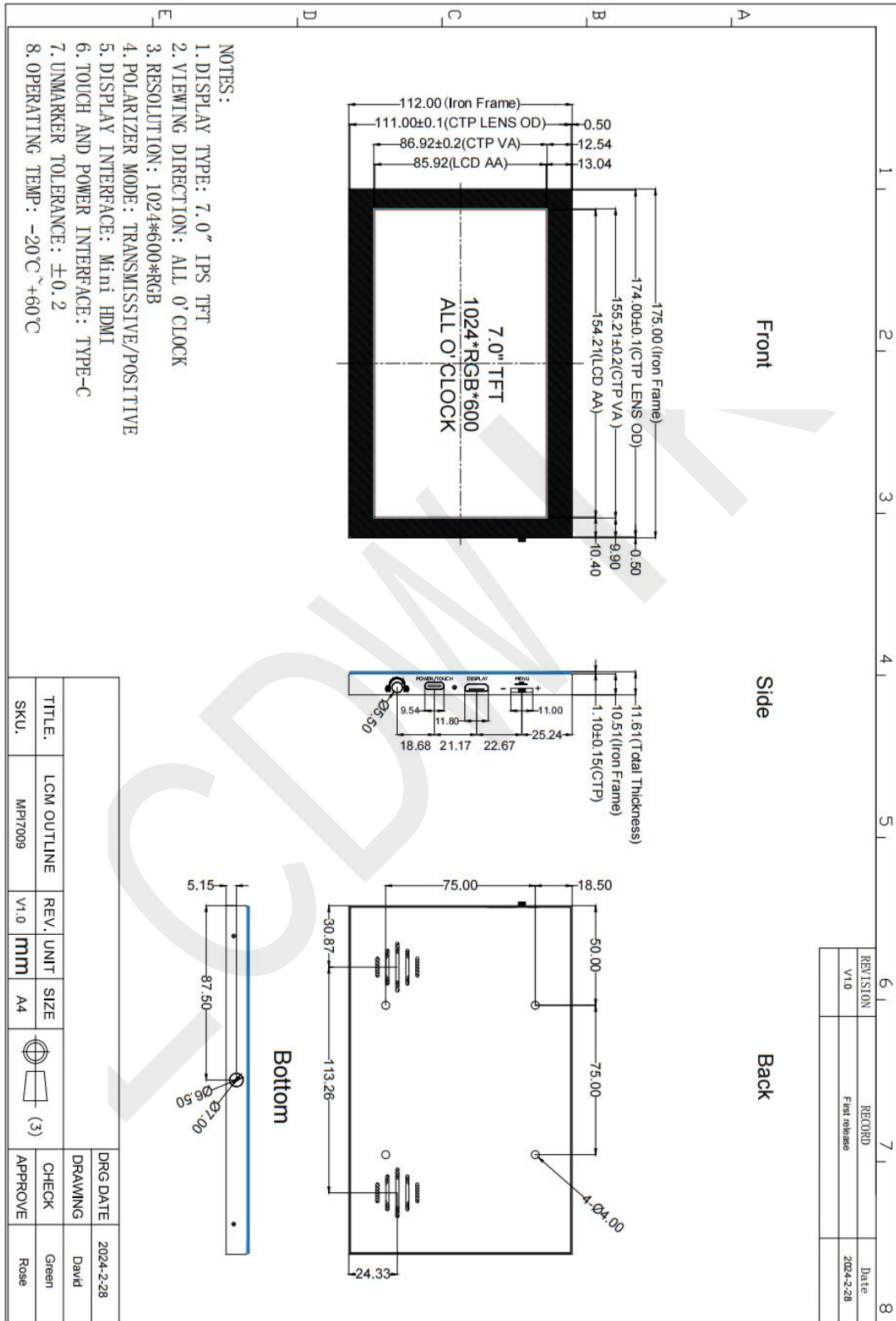
Item	Parameter	Unit
Panel Size	7.0	inch
Panel Type	IPS	-
Resolution	1024*600	pixels
Active Area	154.21(W) x 85.92(H) (mm)	mm
Pixel Pitch	0.0502(H) x 0.1432(V) (mm)	mm
View Angle	170	deg
Luminance(TYP)	400	cd/m2
Backlight Type	LED	-
Operation Temperature	-20~60	°C
Storage Temperature	-30~70	°C
Outline Size	175.0(W) x 112.0(H) x 11.61(T)(mm)	mm
Touch Screen Type	Capacitive Touch Screen	-

2.2. Other Parameter

Item	Parameter	Unit
SKU	MPI7009	-
Total Power	2.5W (100% brightness, 0% volume), 3.2W(100% brightness, 100% volume)	W
Weight(including package)	469	g
Package Size	210.00x149.00x54.00	mm

3. Size chart

3.1. Size chart



4. Interface and switch



4.1. Interface description

Key and Interface	Description
DISPLAY	Input HDMI signal, connect using Mini HDMI cable, commonly used to connect to a computer, with a maximum support resolution of 1920x1080
POWER/TOUCH	The power and touch interfaces are shared, connected using Type-C cables, and provide both power and touch functions.
Headphone	3.5mm audio output interface for connecting audio devices, such as headphones or audio systems
MENU	Brightness Adjustment: When there is no OSD interface displayed in the display state, turning the pulsator switch in the "+" direction triggers the brightness setting function. After triggering, turning the switch up and down can adjust the brightness value. After the adjustment is completed, press the switch briefly to exit or wait for 10 seconds for automatic exit.
	Volume Adjustment: When there is no OSD interface displayed in the display state, turning the pulsator switch in the "-" direction triggers the volume setting function. After triggering, turning the switch up and down can adjust the volume value. After the adjustment is completed, press the switch briefly to exit or wait for 10 seconds for automatic exit.
	Menu Setting: When there is no OSD interface displayed in the display state, short press the pulsator to trigger the menu setting function. After triggering, enter the menu and toggle the switch up and down to select or adjust the setting items. Short press the switch to confirm, long press the switch to return or exit
	Turn off Display: When there is no OSD interface displayed in the display state, long pressing the wave wheel development triggers the shutdown of the display function, and the product goes black at this time. Press the switch again briefly to turn on the display

5. Connect and use

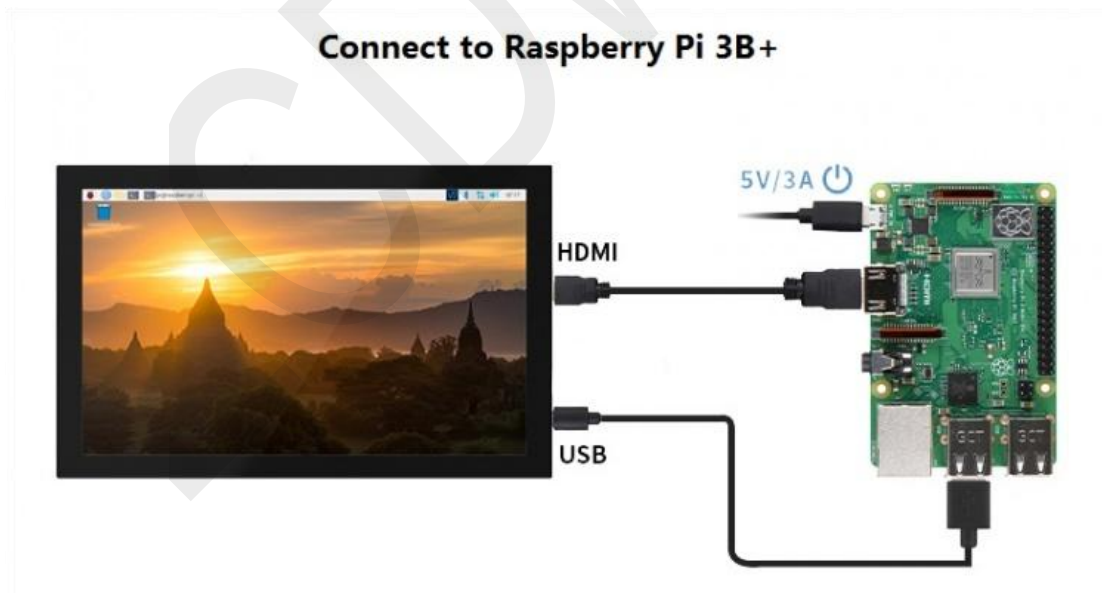
5.1. Connect PC/Laptop

Connect to PC HDMI

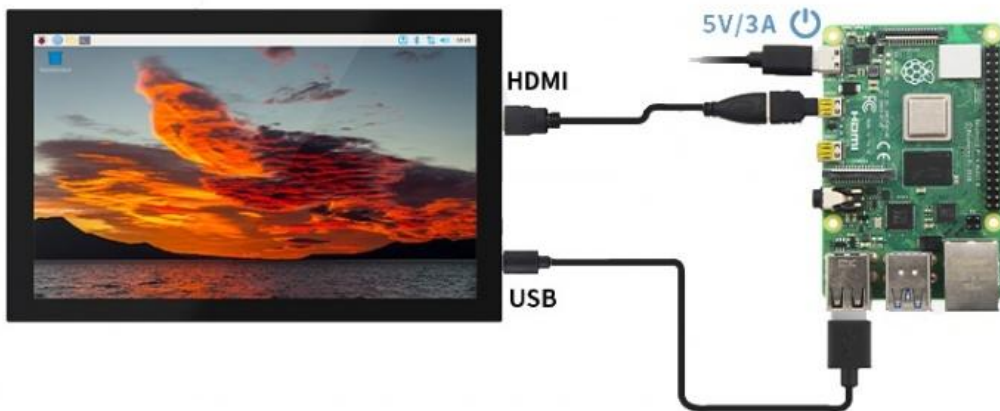


5.2. Connect Raspberry Pi

Connect to Raspberry Pi 3B+



Connect to Raspberry Pi 4B



5.3. Connect Jetson Nano

Connect to Jetson Nano

