

MPI7008

MPI7008 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

IPS full Angle display

The viewing Angle is large

true color

Dynamic picture quality is excellent

Energy saving and environmental protection

1024X600 hd vision

Resolution for hd 1024X600 dot matrix

It is more delicate than 800X480 ordinary screen

Tempered glass touch panel

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

Built-in sound system

Built - in power amplifier circuit

Built-in stereo dual speaker system, in the display while dancing with the music

Front key dimming + breathing lamp

The front panel has a set of hidden touch buttons to support one-button adjustment of backlight brightness

The front panel is equipped with a breathing lamp to indicate the working status

Used as a mini PC monitor

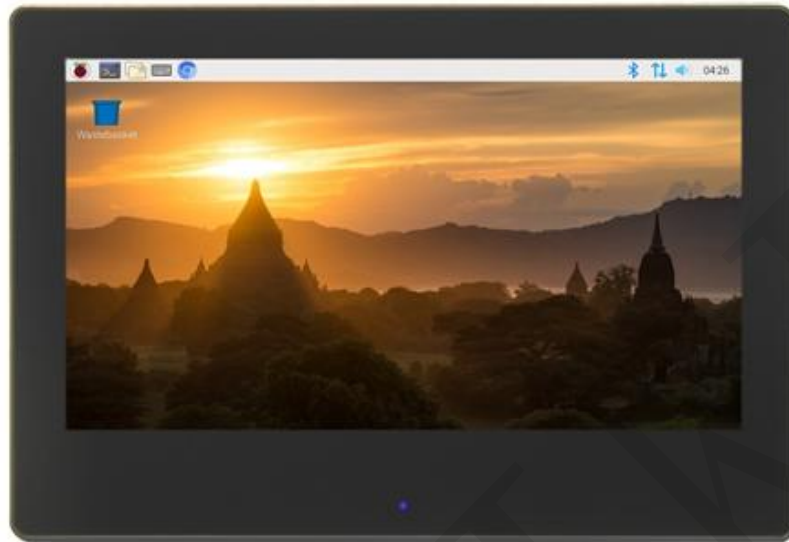
Support raspberry pie, Banana Pi, BB Black and other mainstream development board

Support Raspbian, Kali Linux, ubuntu and other mainstream systems, single touch plug and play without driver.

Used as a computer display

Support win10/win8/win7 system, support five-point touch plug and play driv

1.2. Product image



TOP



Bottom

2. Parameter

2.1. LCD Parameter

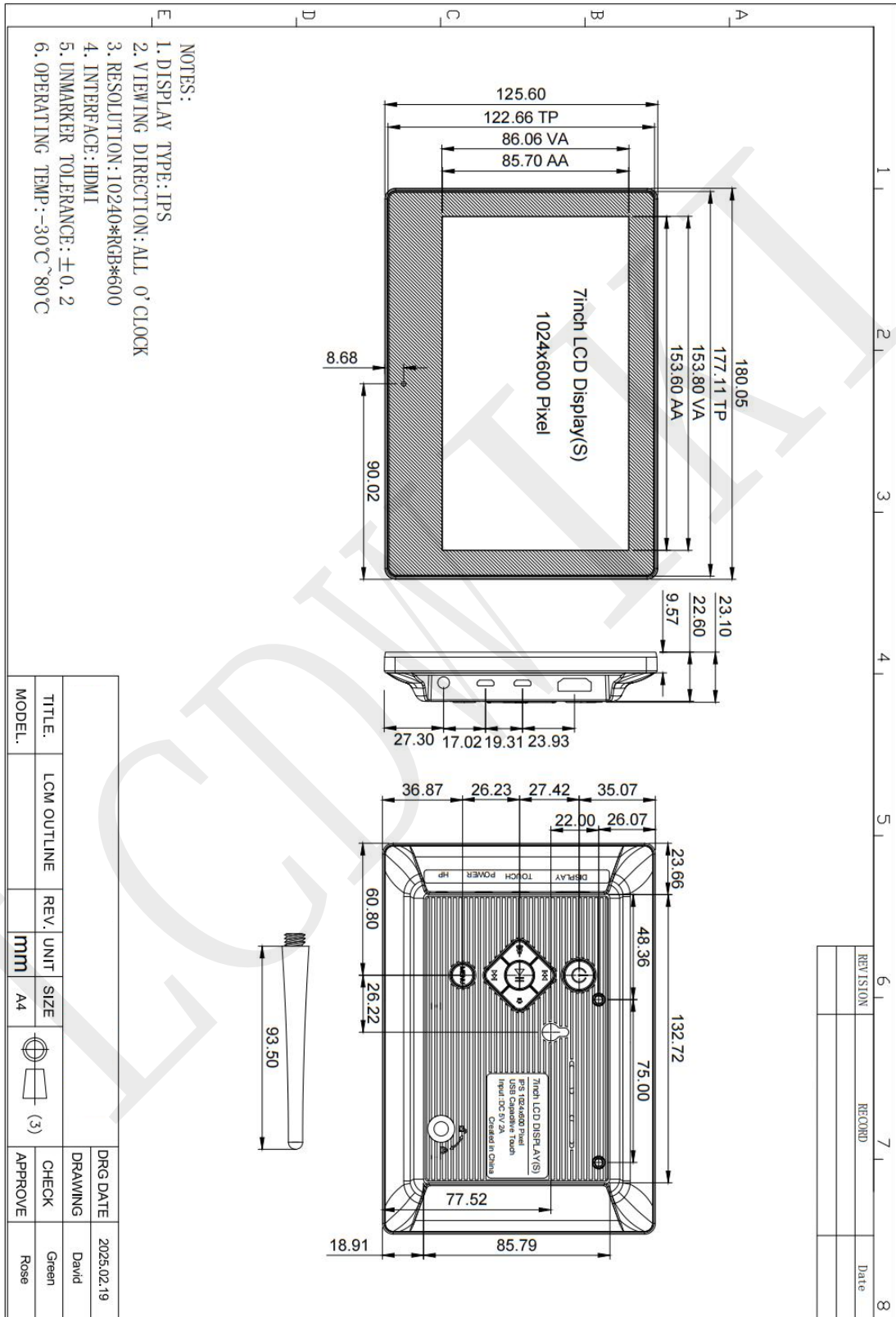
Item	Parameter	Unit
Panel Size	7.0	inch
Panel Type	IPS	-
Resolution	1024*600	pixels
Active Area	153.60 x 85.70)	mm
Pixel Pitch	00.1461 x 0.1462	mm
View Angle	170	deg
Luminance(TYP)	280	cd/m2
Backlight Type	LED	-
Operation Temperature	-30~80	°C
Storage Temperature	-30~80	°C
Outline Size	180.05x125.60x23.10	mm
Touch Screen Type	Capacitive Touch Screen	-
Structure	Glass+Glass	
Surface hardness	6H	

2.2. Other Parameter

Item	Parameter	Unit
SKU	MPI7008	-
Total Power(Max)	2.58	W
Weight(including package)	537	g

3. Size chart

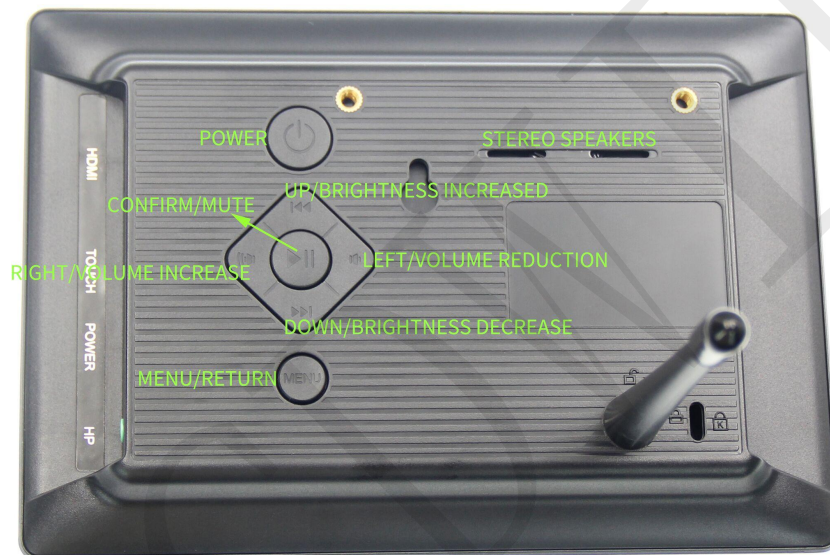
3.1. MPI7008 Size chart



4. Interface and switch

4.1. Interface description

Key and Interface	Description
HDMI	Input HDMI signal, connect using Mini HDMI cable, commonly used to connect to a computer
Touch	The power and touch interfaces are shared, connected using Type-C cables, and provide both power and touch functions
HP	3.5mm audio output interface for connecting audio devices, such as headphones or audio systems
POWER	The power and touch interfaces are shared, connected using Type-C cables, and provide both power and touch functions



Key and Interface	Description
BREATHING LIGHT	Short press once, the backlight brightness increases by 10%, after reaching 100%, it will start to cycle from 10%; Long press 3 seconds, backlight off; Short press again, Restore the brightness before.
POWER	When there is HDMI signal, press the button, the system starts up, and the breathing lamp turns blue and slowly flashes. Press again, the system shuts down, the breathing light turns red and slowly flashes.
MENU/RETURN	Open/Close the System Settings Menu; Return
CONFIRM/MUTE	Shortcut keys, Mute; In the System Settings Menu, Confirm

UP/ BRIGHTNESS INCREASED	Shortcut key, backlight brightness increase; In the System Settings Menu, Up
DOWN/ BRIGHTNESS DECREASE	Shortcut key, backlight brightness reduction; In the System Settings Menu, Down
LEFT/ VOLUME REDUCTION	Shortcut key, Volume reduction; In the System Settings Menu, Left
RIGHT/ VOLUME INCREASE	Shortcut key, Volume increase; In the System Settings Menu, Right

5. Connect and use

5.1. Connect PC/Laptop

连接电脑



5.2. Connect Raspberry Pi

连接树莓派Raspberry Pi 3B



连接树莓派Raspberry Pi 4B/5



连接树莓派Raspberry Pi ZERO W



5.3. Connect Jetson Nano

连接人工智能板Jetson nano

