

MPC8801/MPC8802

8.8inch Datasheet



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1. Summary description

1.1.Feature description

- ✧ 8.8 inch display with IPS full-angle panel, excellent viewing angle
- ✧ Support HDMI video input
- ✧ Resolution 480 x 1920
- ✧ Full protection for the display with a shell
- ✧ Tempered glass panel, hardness up to 6H, durable, scratch resistant
- ✧ Support mainstream Mini PC, such as Raspberry Pi, Banana PI and BB black
- ✧ Use as a Raspberry Pi display, support Raspbian, Ubuntu, Kali, win10 IOT and other systems
- ✧ Can be used as a computer monitor, supporting Win7, Win8, Win10, Win11 systems
- ✧ Can be used as a universal HDMI display, connect to the computer

1.2 Product and accessory images



8.8 inch Display * 1



USB-C to USB-A
cable * 1



HDMI Cable * 1



Micro-HDMI adapter
for RPI 4/5 * 1

2. Parameter

2.1. LCD Parameter

Item	Parameter	Unit
LCD Size	8.8	inch
LCD Type	IPS	-
Pixel Pitch	480 x 1920(RGB)	pixels
Active Area	54.72(W)x218.88(H)	mm
Number of Colors(Max)	16.7M	-
Pixel Pitch	0.114 x 0.114	mm
View Angle	170	deg
Luminance(TYP)	580 (No Touch) 520 (Touch)	cd/m2
Contrast	800	-
Backlight Type	White LED	-
Backlight Current	160	mA
Operation Temperature	-30~80	°C
Storage Temperature	-30~80	°C

2.2. Size Parameter

Item	Parameter	Unit
Iron frame Size	76.45(W)x239.8(H)x14.6(T)	mm

2.3. IC and interface parameters

Item	Parameter	Unit
Video input interface	HDMI	-
Power	Type-C	-

2.4. Other parameters

Item	Parameter	Unit
SKU	MPC8801 (Touch) / MPC8802 (No Touch)	-
Voltage	5.0	V
Total power (max)	3.8	W
Weight	375 (No touch) / 425 (Touch)	g

4. Interface and switch

interface	Function Description
HDMI	HDMI interface: For connecting motherboard and LCD monitor to HDMI transmission.
Type-C	USB Touch / power supply connector: For power supply and touch output, the functions of the both are the same, can just use one of them.

5. Connect and USE

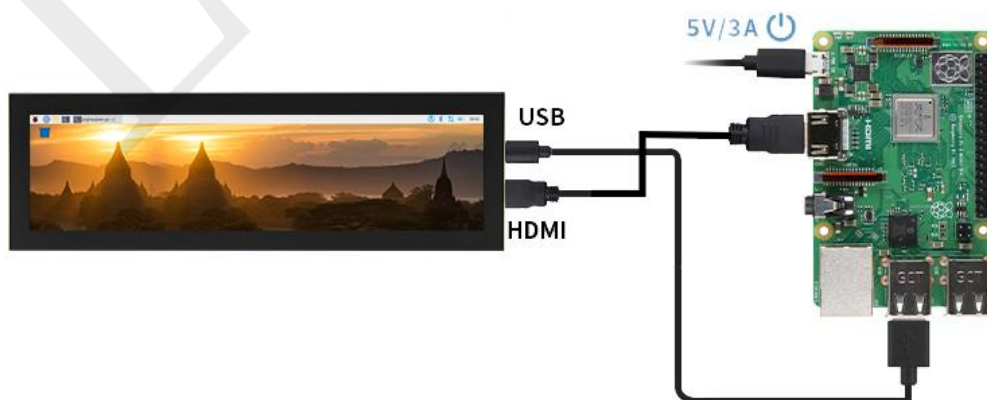
5.1. Connect to PC/Laptop

Connect to PC HDMI

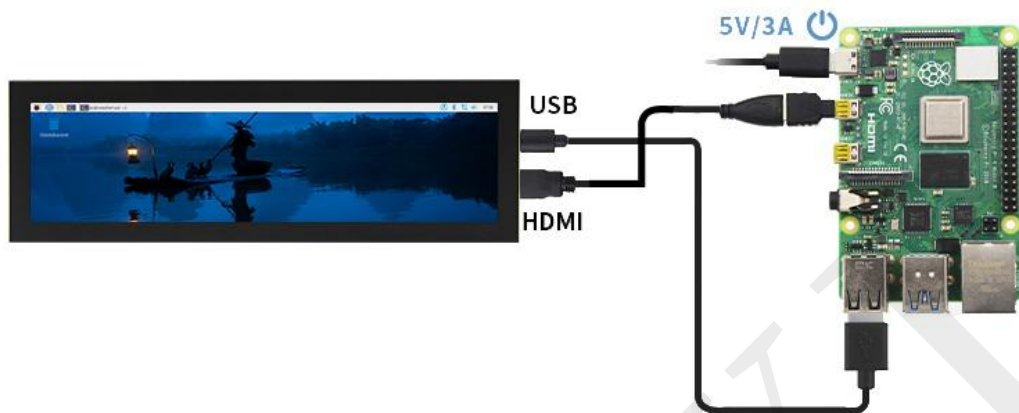


5.2. Connect to Raspberry

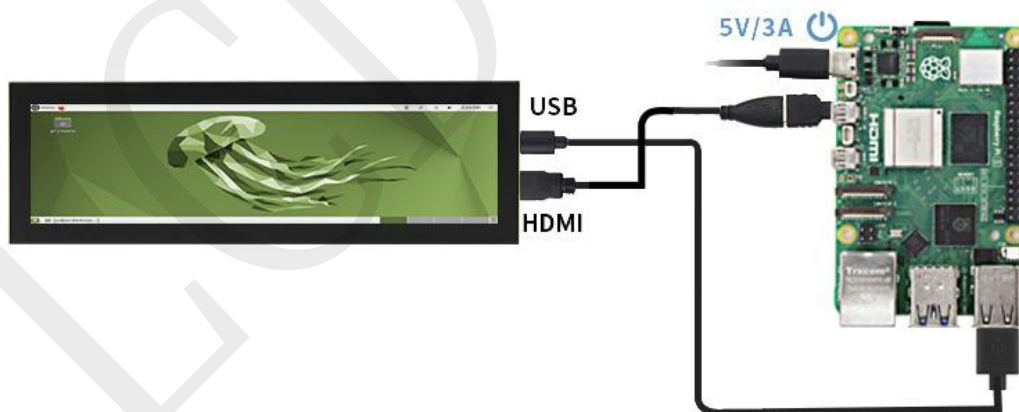
Connect to Raspberry Pi 3B+



Connect to Raspberry Pi 4B



Connect to Raspberry Pi 5



5.3. Connect to Jetson

Connect to Jetson Nano

