



深圳市晶彩智能有限公司

Shenzhen Jingcai Intelligent Co., Ltd

4.3 inch ESP32P4 module

JC4880P443C_I_W/Y



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Product description

This LCD module uses ESP32-P4 module as the main control, the main control is a dual-core MCU, integrated WI-FI and Bluetooth functions, the main frequency can reach 360MHz, 768 KB HP L2MEM, 32 KB LP SRAM, 128 KB HP ROM, 32M PSRAM, Flash size is 16MB, The display resolution is 480*800, without touch or Capacitive touch. The module includes LCD display screen, backlight control circuit, touch screen control circuit. Reserve the TF card interface, IO port interface, this module supports development in arduino IDE, ESP IDE, Micropython and Guition.

Features

- 4.3-inch color screen, support 24 BIT RGB 16.7M color display, display rich colors
- 480x800 resolution
- The sample program has been programmed in the factory and can be plugged in
- With TF card slot for easy expansion storage
- Provide arduino library functions and sample programs to facilitate rapid secondary development
- Support one-click download program
- Lithium battery interface circuit
- Military-grade process standards, long-term stable work



Product parameters

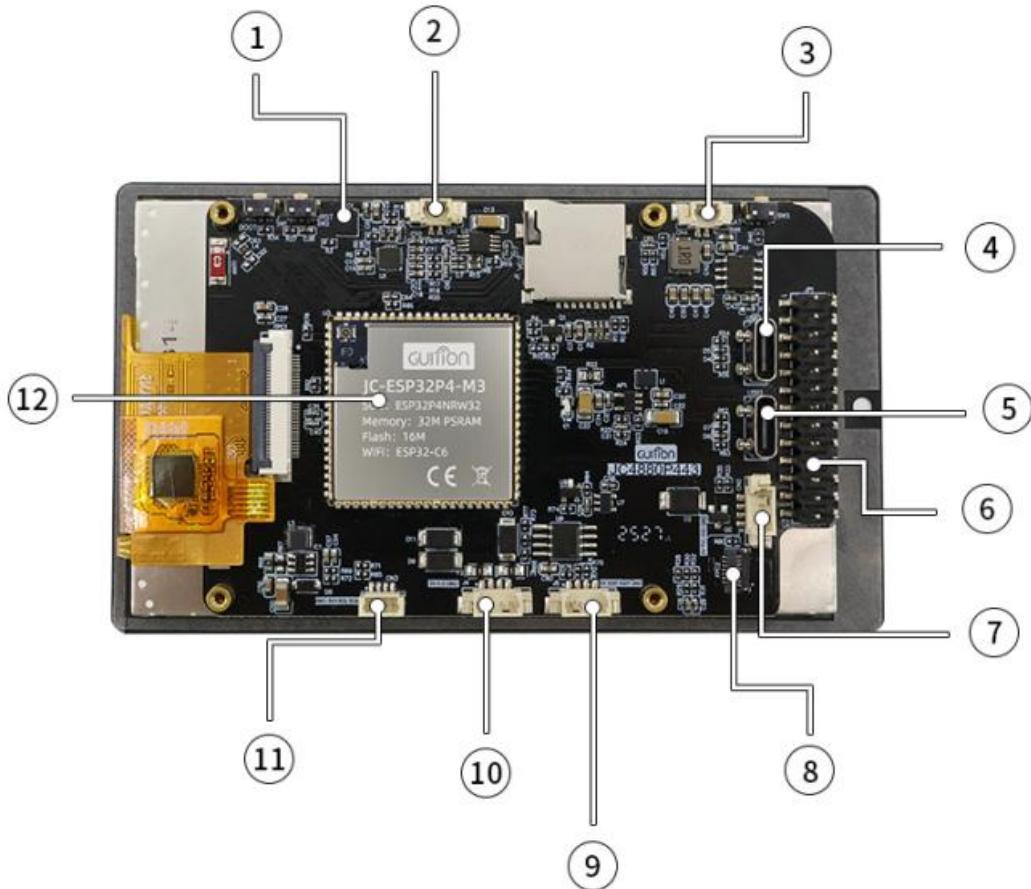
Name	Describe	Remark
Display color	16.7M color	
SKU	Capacitance touch: JC4880P443C_I_W	Without shell
SKU	Capacitance touch:JC4880P443C_I_W_Y	With shell
Size	4.3 inch	
Type	TFT	
Driver chip	ST7701S	
Resolution	480 * 800(Pixel)	
Effective display area	93.60 * 56.16(mm)	
Module size	117.01 *69.41 (mm)	
View	IPS	
Operating temperature	-20°C~70°C	
storage temperature	-30°C~80°C	
Operating Voltage	5V	
Power consumption	About 320mA	
Product weight	About 120g	



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Interface Description



1. Microphone

7. MX 1.25 4P UART0

2. MX 1.25 2P speaker interface

8. Camera interface

3. MX 1.25 2P lithium battery interface

9. MX 1.25 4P UART interface

4. Full-speed Type-C

10. MX 1.25 4P 485 interface

5. High-speed Type-C

11. HS 1.0 2P I2C interface

6. 2*13 2.54 pin header

12. ESP32P4+ESP32-C6 core board



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Product Size





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