



深圳市晶彩智能有限公司
Shenzhen Jingcai Intelligent Co., Ltd

7.0 inch ESP32P4 module

JC1060WP470C_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 400MHz, 768 KB HP L2MEM, 32 KB LP SRAM, 128 KB HP ROM, 32M PSRAM, Flash size is 16MB, The display resolution is 1024*600, 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

- 7.0-inch color screen, support 24 BIT RGB 16.7M color display, display rich colors
- 1024X600 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

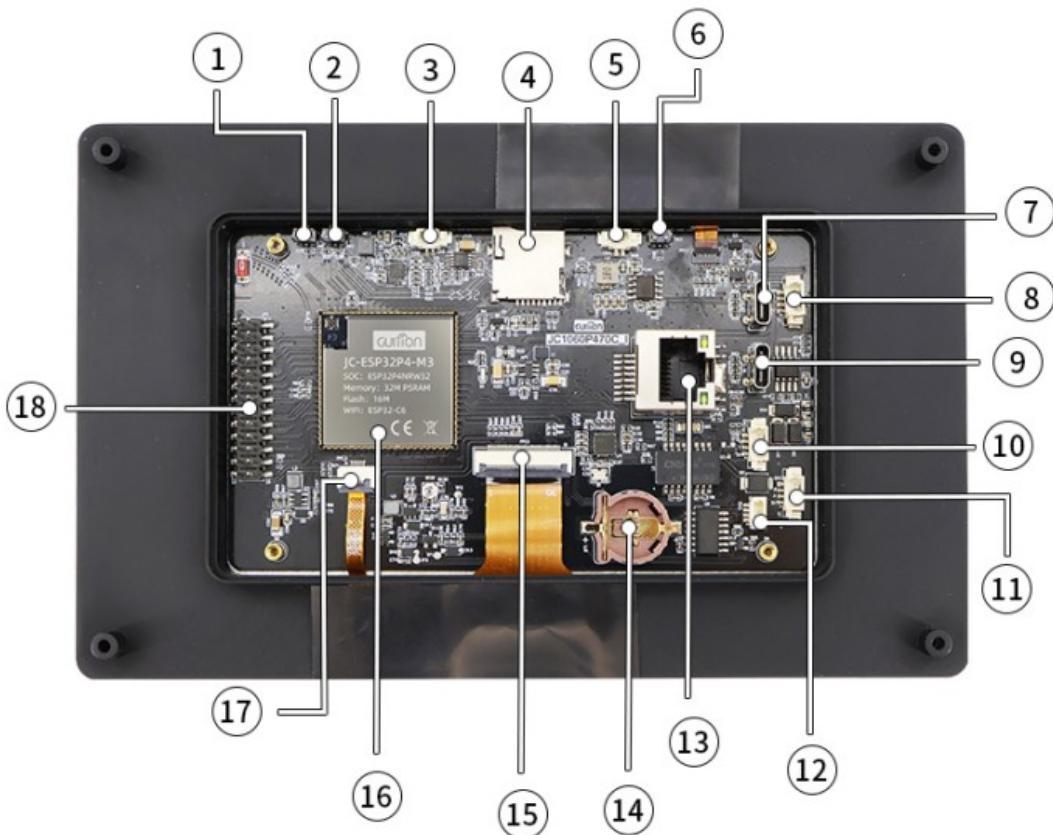
Name	Describe	Remark
Display color	16.7M color	
SKU	Capacitance touch:JC1060P470C_I_W_Y	
Size	7.0 inch	
Type	TFT	
Driver chip	JD9165	
Resolution	1024*600(Pixel)	
Effective display area	155.01* 86.72(mm)	
Module size	181.80*113.72(mm)	
View	IPS	
Operating temperature	-20°C~70°C	
storage temperature	-30°C~80°C	
Operating Voltage	5V	
Power consumption	About 600mA	
Product weight	About 300g	



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Interface Description



- | | |
|---|---------------------------------|
| 1. BOOT button | 10. MX 1.25 4P UART |
| 2. Reset button | 11. MX 1.25 4P RS-485 Interface |
| 3. MX 1.25 2P speaker interface | 12. SH 1.0 4P I2C Interface |
| 4. TF card slot | 13. 100Mbps Ethernet Port |
| 5. MX 1.25 2P lithium battery interface | 14. RTC Battery Holder |
| 6. Battery button | 15. 30P 0.5-FPC MIPI Interface |
| 7. Full-speed Type-C | 16. JC-ESP32P4-M3 |
| 8. MX 1.25 4P UART1 | 17. 6P 0.5-FPC Touch Interface |
| 9. High-speed Type-C | 18. 2x13 2.54mm Pin Header |



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