

High Performance Intelligent Mainboard

AIY-A002M belongs to Linux intelligent mainboard, use i.MX6UL ARM Cortex-A7 high energy efficiency CPU, It is a cost-effective application processor used in industrial-grade single-board computers for industrial control and communications.

AIY-A002M build-in 512MB DDR3L and 8GB EMMC, Integrated Ethernet, WiFi, NB IOT, USB, CAN, TF card and other functions. Supports RGB1366*768 resolution video output

The power supply voltage of the product is 12V DC. the working temperature of the product is -20~60°C, and the storage temperature is -30~70°C, which can work reliably in different environments.



Features:



Diagram:

Operation system	Linux
CPU	i.MX6UL, Cortex-A7 high energy efficiency processor
Memory	512MB DDR3L+ 8GB EMMC (support TF Card)
Display Port	RGB (1366*768)
Communication Interface	100 Mbps Ethernet, WIFI(optional), RS232*7, OTG*1、USB*2、USB host*3, CAN*2, SPI*2, I2C*1, GPIO*5
Audio interface	Dual channel output、MIC Audio input
Extended Interface	MINI PCIE(4G Modules, optional), SIM Card, NB IOT(Optional)
Power Supply	12V DC
Power Mode	Standby mode, sleep mode
System upgrade	Support for Local USB Upgrade
OSD Language	Chinese, English
Working temperature	-20~60°C
Storage temperature	-30~70°C
Dimensions	126*90 mm