



- 3.5"
Industrial
Motherboard
- i.MX6UL
Processor
- 512MB
DDR3
- 8GB
eMMC
- Linux4.1
OS
- Rich
Interfaces

Introduction

HIB-IMX6UL is a 3.5-inch ARM industrial motherboard based on NXP ARM Cortex-A7. Meet the specifications of 3.5-inch industrial motherboard, with the features of low power consumption, high performance, industrial grade, long supply cycle, it is a wide application product.

HIB-IMX6UL is the best platform for upgrading ARM9, ARM11. With rich industrial application interfaces LVDS, RGB display interface, CAN bus, RS485 / RS232, 2x100M network ports, it can meet the applications of industrial field, IOT gateway, vehicle information processing, industrial networking, Intelligent devices, medical electronics and embedded terminals and so on.

Feature

- ◆ NXP ARM Cortex™-A7 i.MX6UL processor
- ◆ Onboard 512MB DDR3 memory and 8GB flash eMMC4.5 storage
- ◆ Provide LVDS、RGB display interface
- ◆ Provide 2*LAN(100M), 2*CANBUS、5*USB HOST2.0、5*RS232、1*RS485
- ◆ Onboard WiFi/Bluetooth combo wireless modules
- ◆ Support Linux4.1 operating system

Specification

CPU	Adopts NXP ARM Cortex™ -A7 i.MX6UL 528MHz processor
Cache	32KB I-Cache/32KB D-Cache, 128KB L2-Cache
Memory	Onboard 512MB DDR3
FLASH	Onboard 8GB eMMC4.5 storage
SD card slot	Onboard SD card slot, maximum support 32GB SD card
I/O Interface	5*USB HOST 2.0、1*USB OTG 2.0 5*RS232, 1*RS485、2*CAN BUS、1*I2C
Button	1*reset button, 1*power on/off button
Display Interface	1*LVDS interface, with I2C touch signal port 1*24 bit RGB interface, with I2C touch signal port
Audio	Adopts WM8960 chip, onboard 1*microphone, 1*headphone jack. Reserve 2 speaker port on motherboard
LAN	2*100M stradrad RJ45 network ports
WIFI/BT	Onboard 1*WiFi/BT 4.0 combo modules
RTC	Support
Work Environment	Temperature: -20~60C° Humidity: 5%~90%RH@31C°,no condensation
Storage Environment	Temperature: -40~85C° Humidity: 5%~95%RH@39C°,no condensation
Power	Adopts standard DC Jack power interface, single power supply 12V, reserve 2 pin power supply interface
Buzzer	Onboard 1*buzzer
OS	Linux 4.1

Size

