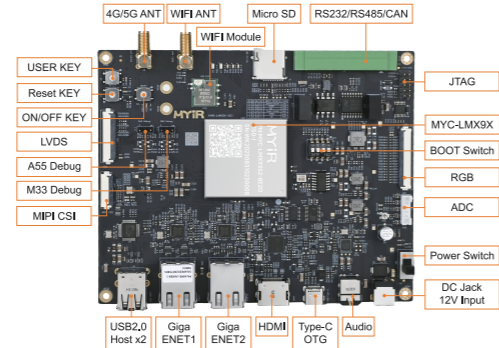


# MYD-LMX9X

## 快速使用指南

### 1. 硬件接口及注意事项



MYD-LMX9X开发板正面接口图

#### 注意事项:

- 板卡出厂时已经烧入了出厂镜像程序在核心板的 eMMC 中,您只需要按下面步骤就可以开机启动(请确保板卡设置在 eMMC 启动)。
- 请使用 12V/2A 电源适配器供电,以避免损坏板卡。

### 2. 快速操作指引

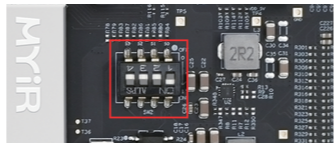
#### 第一步: 设置BOOT选择

设置拨码开关为 eMMC 启动模式。

启动方式	S3:S2:S1:S0
eMMC 启动	0001
SD 卡启动	0000
USB 下载	0010

#### 说明:

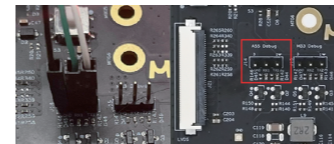
其他启动方式按表所示配置  
下图中为 eMMC 启动方式



#### 第二步: 连接调试串口线

用 USB-TTL 数据线连接 PC 端和开发板连接器 (J14)。

J14 接口	USB-TTL 线缆
TXD	RXD(白)
RXD	TXD(绿)
GND	GND(黑)



#### 第三步: 连接HDMI显示器

使用 HDMI 线缆连接板子 J22 和 HDMI 显示器,如无需显示,也可以不连接。



#### 第四步: 连接电源线

使用 12V/2A 供电,接入开发板 J1 接口。



#### 第五步: 开启电源开关, 板卡上电

开启电源开关 ON/OFF 为 ON 状态。



#### 第六步: 打开调试串口, 配置参数, 开始调试

在主机打开串口终端软件,配置如下参数:

波特率	数据位	停止位	极性	其他
115200	8 位	1 位	无	无流控

用户名: root, 密码: 无  
启动成功后终端输出如下:

```
[ 16.229753] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data
NXP i.MX Release Distro 6.1-mickledore myd-lmx9x ttyL0
myd-lmx9x login: root
root@myd-lmx9x:~#
```

### 产品资料链接

[down.myr-tech.com/MYD-LMX9X](http://down.myr-tech.com/MYD-LMX9X)

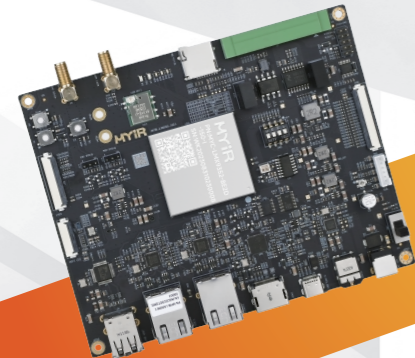
### 技术支持

如您遇到使用问题,欢迎与我们联系。

邮箱: support.cn@myir.cn

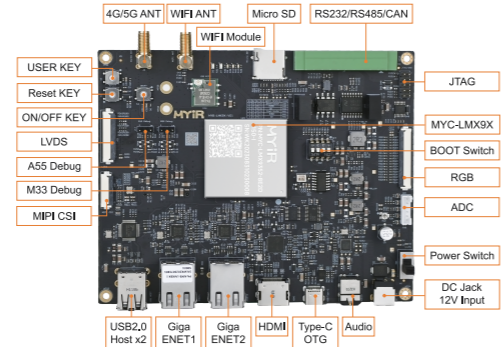
电话: 0755-22316235

网址: www.myr.cn



# MYD-LMX9X Quick Start Guide

## 1. Hardware Interface & Points of Attention



MYD-LMX9X front interface diagram

### Points of attention :

- 1.The board has been burned into the factory image program. In the eMMC of the core board, you only need to follow the following steps to start the board (please make sure the board is set to start in eMMC).
2. Use the 12V/2A power adapter delivered with the factory to avoid damage to the board.

## 2.Quick steps to hands-on

### Step 1: Configure the boot options

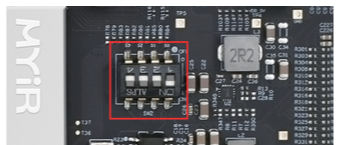
Set the DIP switch to eMMC boot mode.

Boot Mode	S3:S2:S1:S0
Boot from eMMC	0001
Boot from SD	0000
USB download	0010

### Instructions:

For other boot modes, configure them according to the table.

The image below shows the eMMC boot mode.



### Step 2 : Connect debug port to PC

Connect the PC and the development board connector (J14) using a USB-TTL data cable.

J14	USB-TTL
TXD	RXD (White)
RXD	TXD (Green)
GND	GND (Black)



### Step 3: Connect the HDMI

Connect the HDMI monitor with the HDMI cable.Please skip this if you don't need an HDMI display.



### Step 4: Connect the power cable.

Use a 12V/2A power supply and connect it to the J1 interface of the development board.



### Step 5: Turn on the power

Set the power switch ON/OFF to the ON state.



### Step 6: Setting serial port Parameters

Open a serial terminal software on the host and configure the following parameters:

Baud rate	Data bits	Stop bit	Parity	Other
115200	8	1	No	No Flow control

Open a serial terminal software on the host and configure the following parameters:

```
[ 16.229753] EXT4-fs (mmcblk0p2): mounted filesystem with ordered data
i.MX Release Distro 6.1-mickledore myd-lmx9x ttyLP0
myd-lmx9x login: root
root@myd-lmx9x:~#
```

## Product information link

[d.myirtech.com/MYD-LMX9X](http://d.myirtech.com/MYD-LMX9X)

## Technical Support

Please do not hesitate to contact us for technical support:

Email: [support@myirtech.com](mailto:support@myirtech.com)

Telephone: (+86) 0755-22984836

Website: [www.myirtech.com](http://www.myirtech.com)