

MYD-JD9X 快速使用指南

1. 硬件接口及注意事项

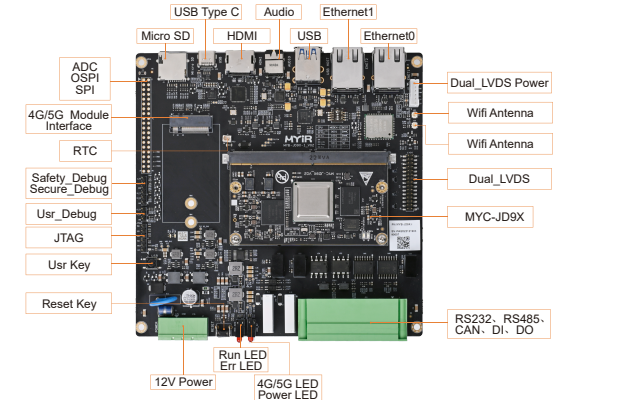


MYD-JD9X开发板带外壳正面接口图



MYD-JD9X开发板带外壳背面接口图

注意事项:
1. 板卡出厂时已经烧入了出厂镜像程序在核心板的 MMC 中,采用 EMMC 方式启动。



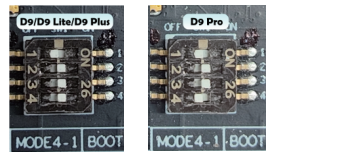
MYD-JD9X开发板正面接口图

注意事项:
1. 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)。
2. 请配套使用板卡出厂电源(12V),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。

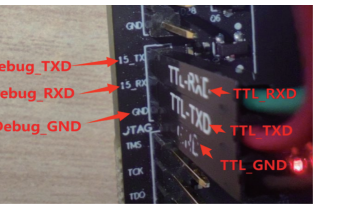
CPU	启动方式	SW1[4:1]
D9/D9 Lite D9 Plus	SD 启动	0011
	eMMC 启动	0001
	QSPI 启动	0000
D9 Pro	SD 启动	1011
	eMMC 启动	1001
D9/D9 Lite D9 Plus/D9 Pro	USB 启动	1101



注意事项:
1. 拨码开关上 ON 为 0, OFF 为 1
2. 图表示 eMMC 启动拨码。

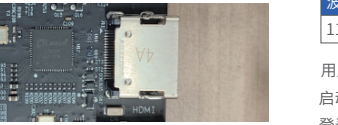
第二步:连接调试串口线
用 USB-TTL 串口线缆连接 PC 端和开发板连接器 (JP1)

JP1 接口	USB-TTL 线缆
GND	GND (黑)
RXD	TXD (绿)
TXD	RXD (白)

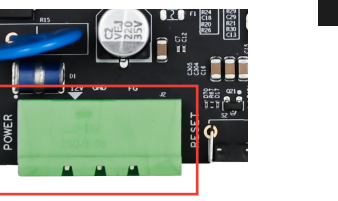


注意事项:
1. USB-TTL 串口红线不要接,黑线表示 GND,绿线表示 TXD,白线表示 RXD。

第三步:连接HDMI显示器
使用 HDMI 线缆连接板子 J11 和 HDMI 显示器,如无需显示,也可以不连接。



第四步:连接电源线
使用标配 12V 电源供电,插入开发板电源接口 (J2)。



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
启动完成后串口终端输出信息如下,root 用户自动登录。

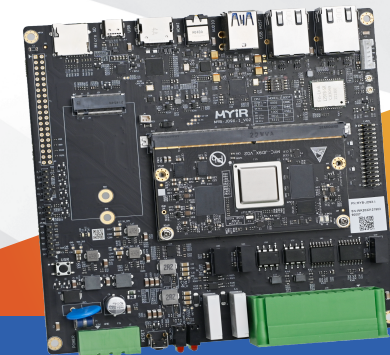
```
Welcome to Semidrive d9_ref
myd-jd9x login: root
root@myd-jd9x:~#
```

产品资料链接

down.myir-tech.com/MYD-JD9X

技术支持

如您遇到使用问题,欢迎与我们取得联系。
邮箱: support.cn@myirtech.com
武汉电话: 027 5962 1648
深圳电话: 0755 2231 6235
网址: www.myir.cn

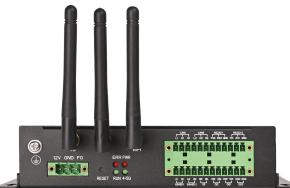


MYD-JD9X Development Kit Quick Start Guide

1. Hardware Interface

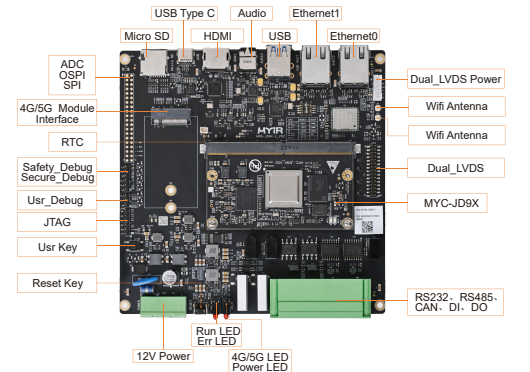


Front View of MYD-JD9X Development Kit



Rear View of MYD-JD9X Development Kit

Note:
1.The board came out of the factory with pre-programmed image,only needed to follow the Following steps you will be able to work with it.



Top View of MYD-JD9X Development Kit

Note:
1.The board came out the factory with a pre-programmed image , only need to follow the following steps you will be able to work with it .
2.To avoid any damage on the board , please make sure using the power adapter(12V DC) coming with the board in the box.

2.Quick steps to hands-on

Step1: Configure the boot options
Set the switch to boot from eMMC.

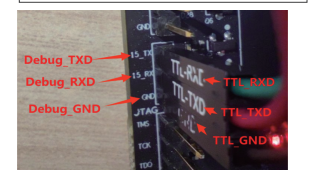
	Boot Mode	SW1[4:1]
D9/D9 Lite	Boot from SD	0011
	Boot from eMMC	0001
D9 Plus	Boot from QSPI	0000
D9 Pro	Boot from SD	1011
	Boot from eMMC	1001
D9/D9 Lite D9 Plus/D9 Pro	Boot from USB	1101



Note:
1. The Dip switch is 0 when ON and 1 when OFF.
2. The figure shows the boot configuration of eMMC.

Step2: Connect debug port to PC
Connect PC to debug connector(JP1) of deve-lopment board using USB-TTL serial port cable.

JP1 Interface	USB-TTL Cable
GND	GND (black)
RXD	TXD (green)
TXD	RXD (white)

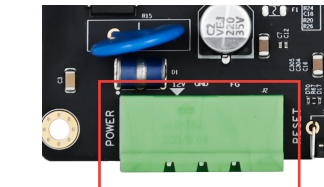


Note:
1.Do not connect the red cable of USB-TTL serial port . The black cable represents “GND”, the green cable represents “TXD”, and the white cable represents “RXD” .

Step3: Connect the HDMI
Connect the HDMI monitor with the HDMI cable.Please skip this if you don't need a HDMI display.



Step4: Connect the power adapter
Connect 12V power adapter to the power-in connector(J2)



Step5: Set Debug Serial Port and start to debug
Open the serial terminal software on the host PC and set the parameters as below:

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

User:root ,Passwd: no
The serial terminal output information is as follows.

```
Welcome to Semidrive d9_ref
myd-jd9x login: root
root@myd-jd9x:~#
```

Download Software and Documents

d.myirtech.com/MYD-JD9X

Technical Support

Please do not hesitate to contact us for technical support:
Email: support@myirtech.com
Telephone: (+86) 0755 22984836
Website: www.myirtech.com