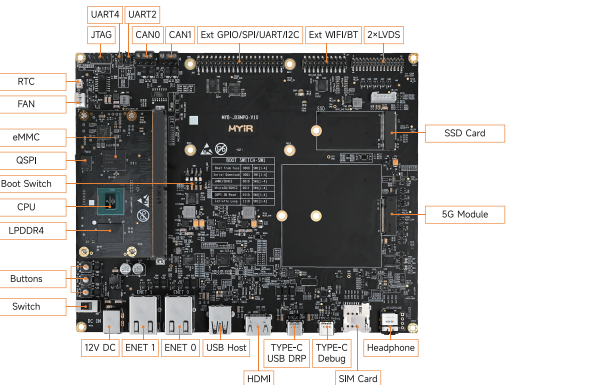




MYD-JX8MP

系列快速使用指南

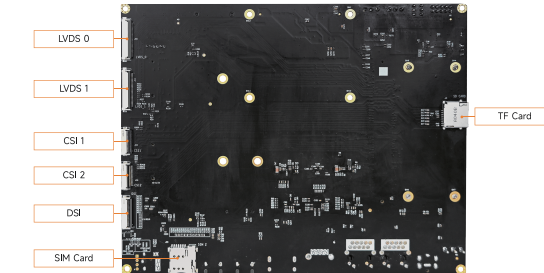
1. 硬件接口及注意事项



MYD-JX8MP开发板正面图

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, 您只需要按下面步骤就可以开机启动。
2. 请使用符合标准的 12V 电源适配器, 以避免损坏板卡。



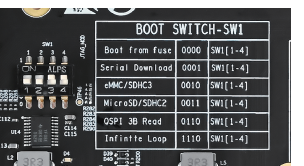
MYD-JX8MP开发板背面图

2. 快速操作指引

第一步: 设置BOOT选择

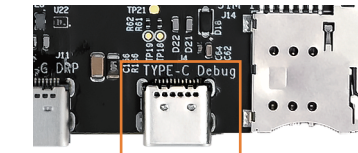
设置拨码开关 SW1 成 eMMC 启动模式。

| SW1 | 说明 |
|------|--------------|
| LLHL | EMMC 启动 |
| LLHH | SD 启动 |
| LLLH | USB DOWNLOAD |



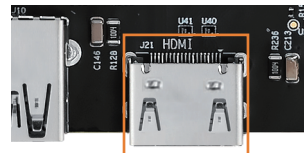
第二步: 连接调试串口线

使用 USB-TYPEC 线, 连接电脑 USB 接口和开发板 J4 接口。



第三步: 连接HDMI

如无需显示, 也可以不连接。



第四步: 连接电源线, 板卡上电

使用标配 12V 电源供电, 插入开发板电源接口 DC IN(J1)。



第五步: 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 | 校验位 | 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。

```

NXP i.MX Release Distro 5.10-gatesgarth myd-jx8mp ttyxcl
myd-jx8mp login: [ 11.489455] imx-dmacc 30bf0000.ethernet e
[ 11.497631] IPv6: ADDRCONF(NETDEV_CHANGE): eth1: link beco
myd-jx8mp login:
myd-jx8mp login: [ 33.759176] can1-stby: disabling
[ 33.762411] can2-stby: disabling
[ 33.765669] m2_keyb_pwr: disabling
myd-jx8mp login: root
[ 37.270302] audit: type=1006 audit(1600613957.312:2): pid=
root@myd-jx8mp:~#
    
```

产品资料链接

dev.myr.cn

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@myir.cn

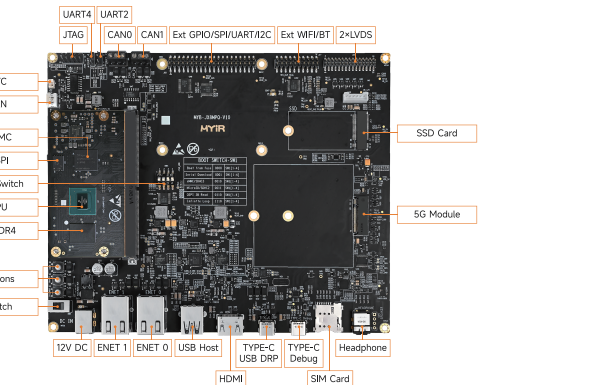
电话: 0755-22316235

网址: www.myr.cn



MYD-JX8MP Series Quick Start Guide

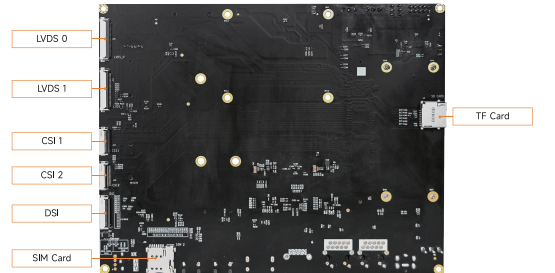
1. Hardware Interfaces and Cautions



MYD-JX8MP Top-view

Cautions:

1. The board come with pre-programmed image, you only need to follow the below steps, then 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.



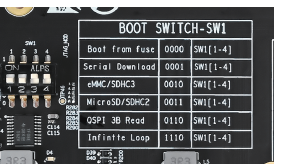
MYD-JX8MP Bottom-view

2. Operating instructions

Step 1: Configure the boot options

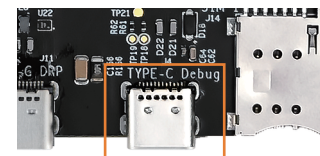
The standard product use the eMMC Flash core board , please set SW1 according to the below table to boot from eMMC flash.

| SW1 | Description |
|------|--------------------|
| LLHL | Boot from eMMC |
| LLHH | Program to SD card |
| LLLH | USB Download |



Step 2: Connect debug port to PC

Use the "USB to TYPE-C" cable to connect PC and the development board (J4 connector).



Step 3: Connect the HDMI

Please skip this if you don't need a HDMI display.



Step 4: Connect the power adapter

Connect 12V power adapter to the power-in connector(J1).



Step 5: Open the Debug serial port, configure the parameters and start debugging

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

| Baud rate | Data bits | Stop bit | Parity | Other |
|-----------|-----------|----------|--------|-----------------|
| 115200 | 8 | 1 | None | No Flow control |

User: root , Passwd: none

The serial terminal output information is as follows.

```

NXP i.MX Release Distro 5.10-gatesgarth myd-jx8mp ttyMXC1
myd-jx8mp login: [ 11.489453] i.mx-dm9ac 30bf0000.ethernet e
[ 11.497631] IPV6: ADDRCONF(NETDEV_CHANGE): eth1: link beco
myd-jx8mp login:
myd-jx8mp login:
myd-jx8mp login: [ 33.759176] can1-stby: disabling
[ 33.782411] can2-stby: disabling
[ 33.785669] m2_keyb_pwd: disabling
myd-jx8mp login: root
[ 37.270202] audit: type=1006 audit(1600613957.312:2): pid=
root@myd-jx8mp:~#
    
```

Product information link

developer.myir.cn

Technical Support

Please do not hesitate to contact us for technical support:

Email: support@myir.cn

Telephone: +86-755-22984836

Website: en.myir.cn