

问题描述

R5500 G6无模组出货，上电无法开机

过程分析

无模组出货时，需使用专用switch-cpld，或使用串口设置临时开机

方法一：使用专用switch-cpld，固件包见附件

·6 版本使用限制及注意事项

本版本仅适用于 H3C UniServer R5500 G6 机型不插 GPU 的情况使用。
必须配套 HDM 1.58.02 及以上版本使用。

B.5.6 查看固件升级生效

升级完成后，按照生效方式使固件生效，等 HDM 再次连接后才能查看 CPLD 升级是否生效。

固件生效方式：

方法一：将设备 AC 断电 30s 后重新上电；

方法二：点击 HDM-固件&软件-重启固件-重启 CPLD 即可将 CPLD 固件更新生效。

方法二：使用串口命令设置临时开机，i2c-test -b 15 -s 0x37 -w -d 0x18 0x01，如下0x18寄存器反馈值01，表明设置成功

```
sysadmin@HDM210235A4M7H249000161:~#  
sysadmin@HDM210235A4M7H249000161:~# i2c-test -b 15 -s 0x37 -w -d 0x18 0x01  
i2c_dev = /dev/i2c15  
Bytes written: 2  
18 01  
sysadmin@HDM210235A4M7H249000161:~#
```

也可通过命令i2c-test -b 15 -s 0x37 -m 1 -rc 256 -d 0x00查看写入值：

```
sysadmin@HDM210235A4M7H249000029:~# i2c-test -b 15 -s 0x37 -m 1 -rc 256 -d 0x00  
Bytes written: 1  
00  
Bytes read: 256  
1f 00 ff 00 c0 7c 7f ff 1b 00 00 00 00 00 00 21  
ff 00 00 ff 00 00 00 00 01 00 00 00 00 00 00 00  
03 ff d3 ff ff ee 3f 1b 3f 00 00 00 00 00 00 00  
00 01 00 00 00 40 00 00 00 00 00 00 00 00 00 00  
00 03 d6 9a bc 80 00 00 00 00 00 00 00 00 00 00  
01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
02 80 80 00 00 ff 00 00 ff 00 00 00 00 00 00 00  
02 82 07 7e c1 cb 00 00 00 00 00 00 00 00 00 00  
ff ff 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
00 ff 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
41 36 53 53 02 00 20 23 08 31 16 03 00 00 00 04
```

注意：方法二仅单次生效，重启后需再次设置
若上述两种方法均设置成功但仍无法开机，则不开机原因与无模组无关

解决方法

同上

附件下载：BS5PCISW23004.rar