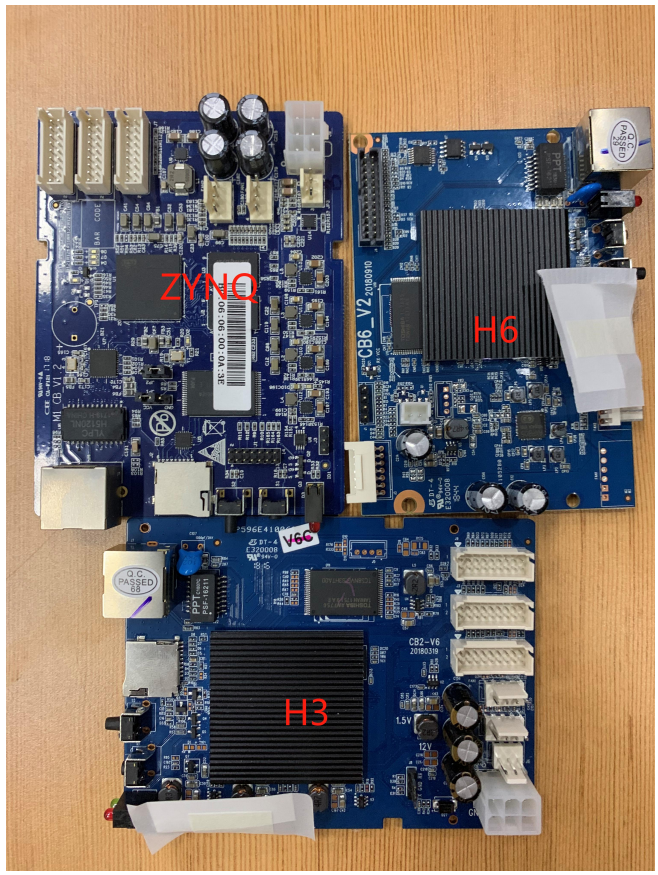
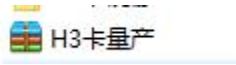
Shenzhen MicroBT Electronics Technology Co.,Ltd

目录



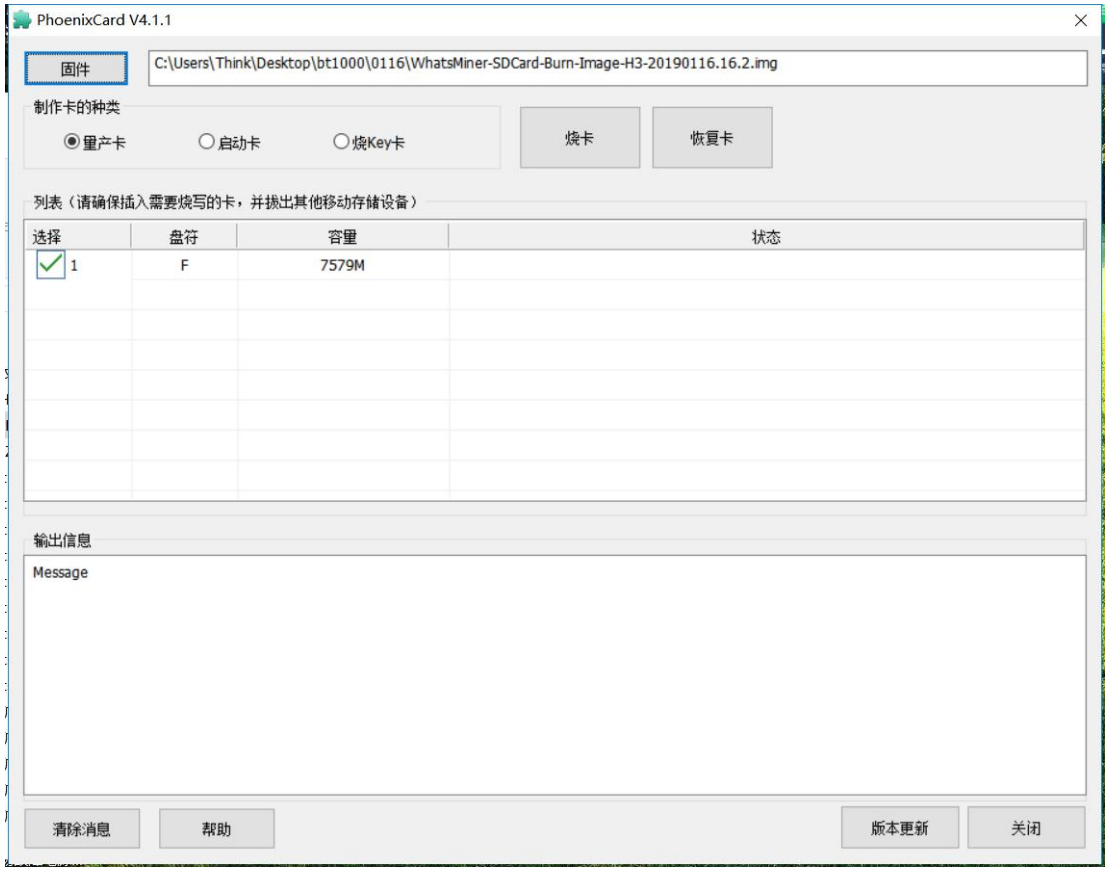
一、H3 control board firmware burning

1.PC computer decompression "H3 Card production"



2.The PC computer is plugged into a card reader with a memory card (8G or 16G), which is used in this guide, and then runs the decompressed PhonenixCard application.

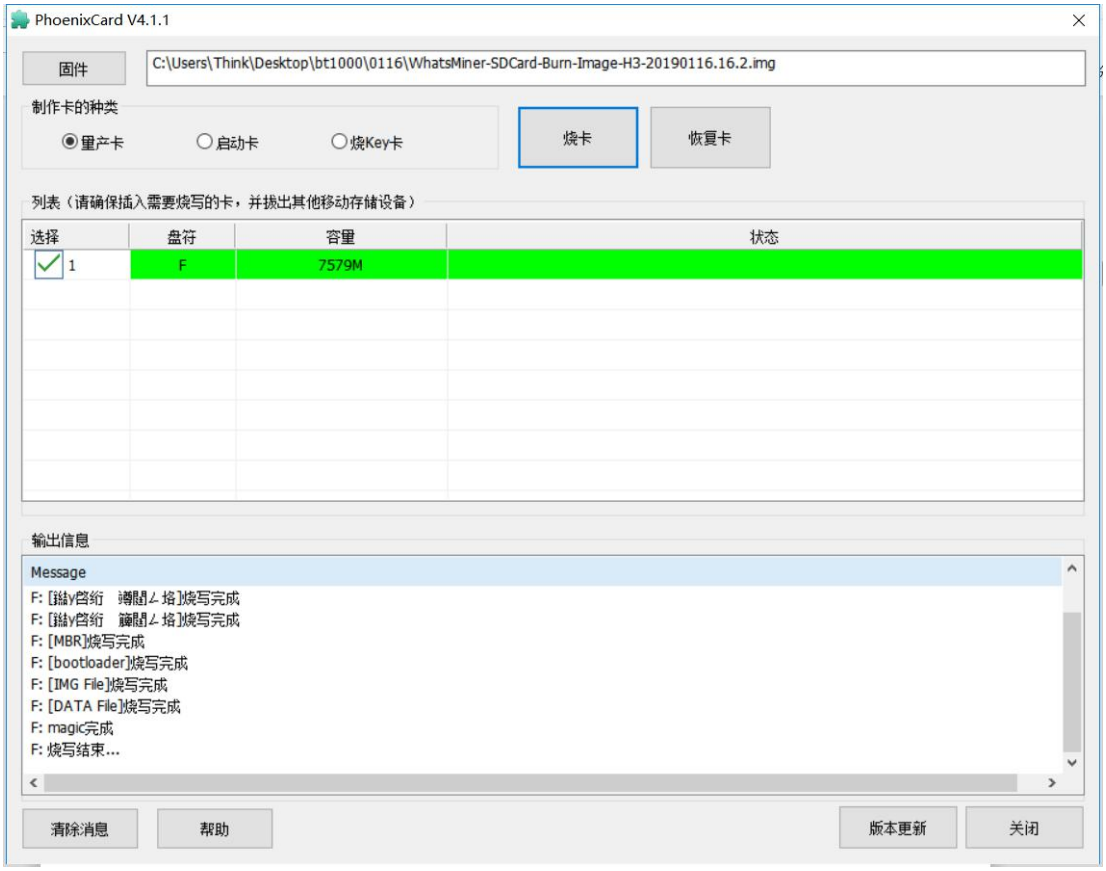
3.When opened, the following interface is displayed



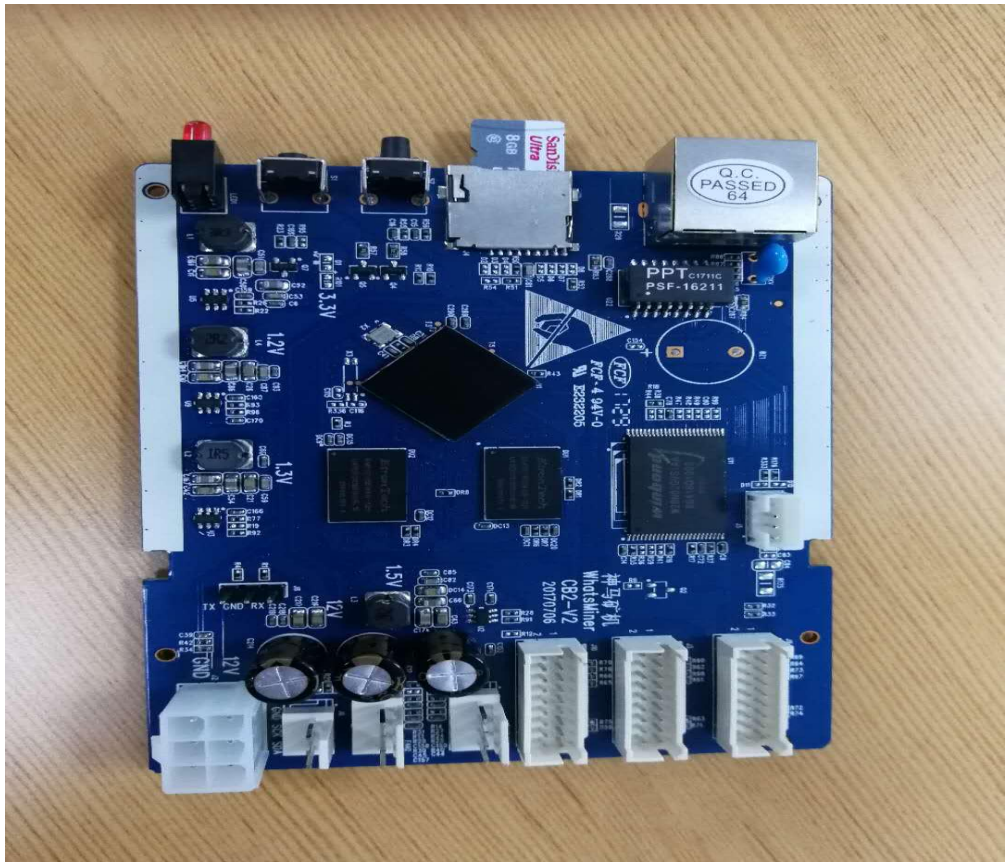
1）、 Select firmware, SD card image with two mirror files, select image file with "H3" identifier

2）Click on "burn card"

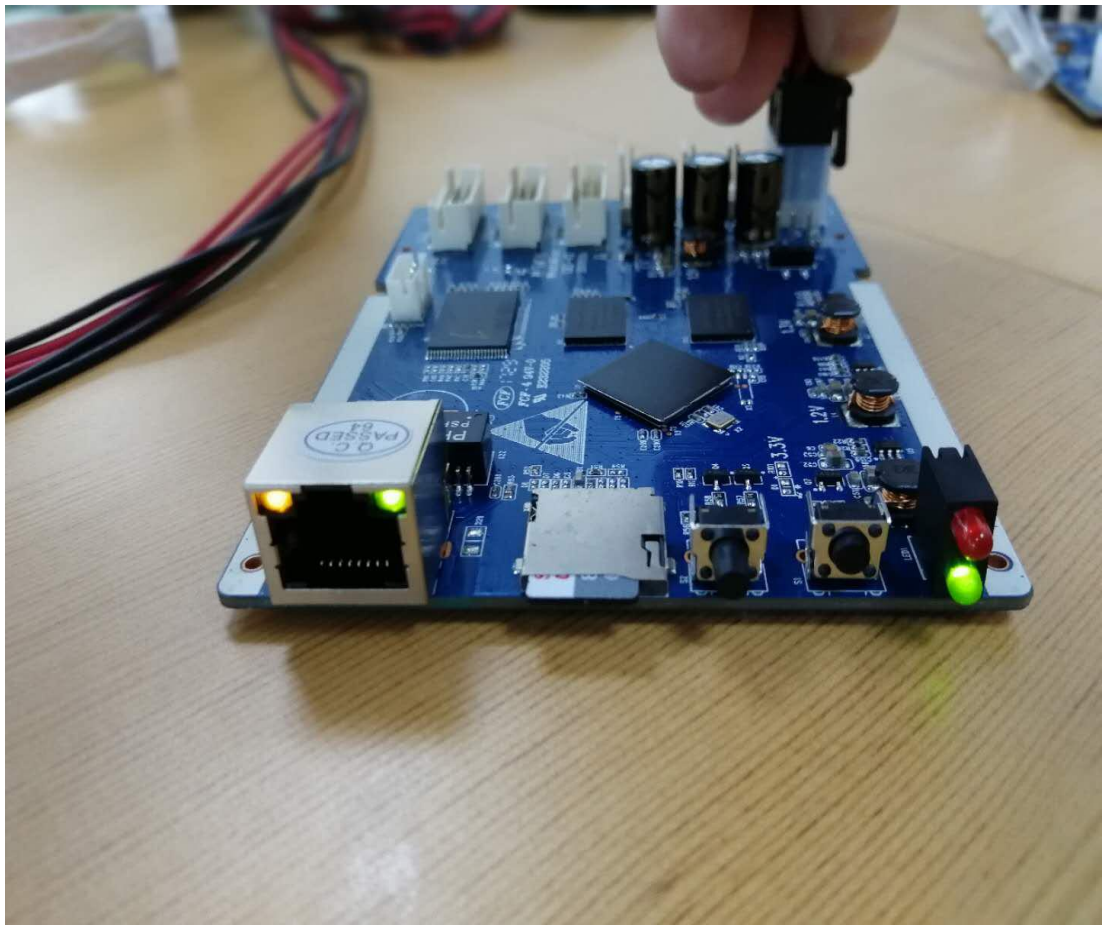
Note: if the card burn fails, select the "recovery card" first, then close it, and then follow the 2 steps cycle operation; the card burning process will take about 1 ~ 2 minutes, the successful card burning will show green, as shown in the chart

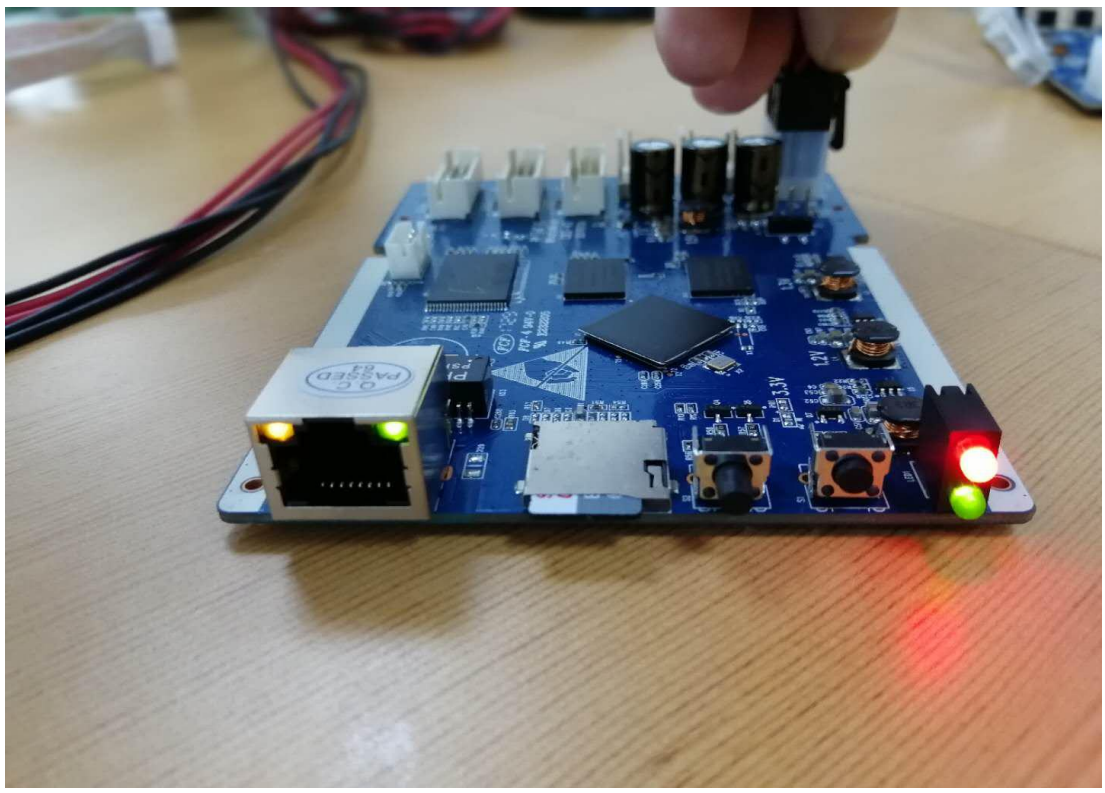


3) After the card is burned, the card is taken out, the card slot of the H3 control board is inserted, inserted in the direction as shown in the figure, and then energized (note: H3 control board does not need a strip line)



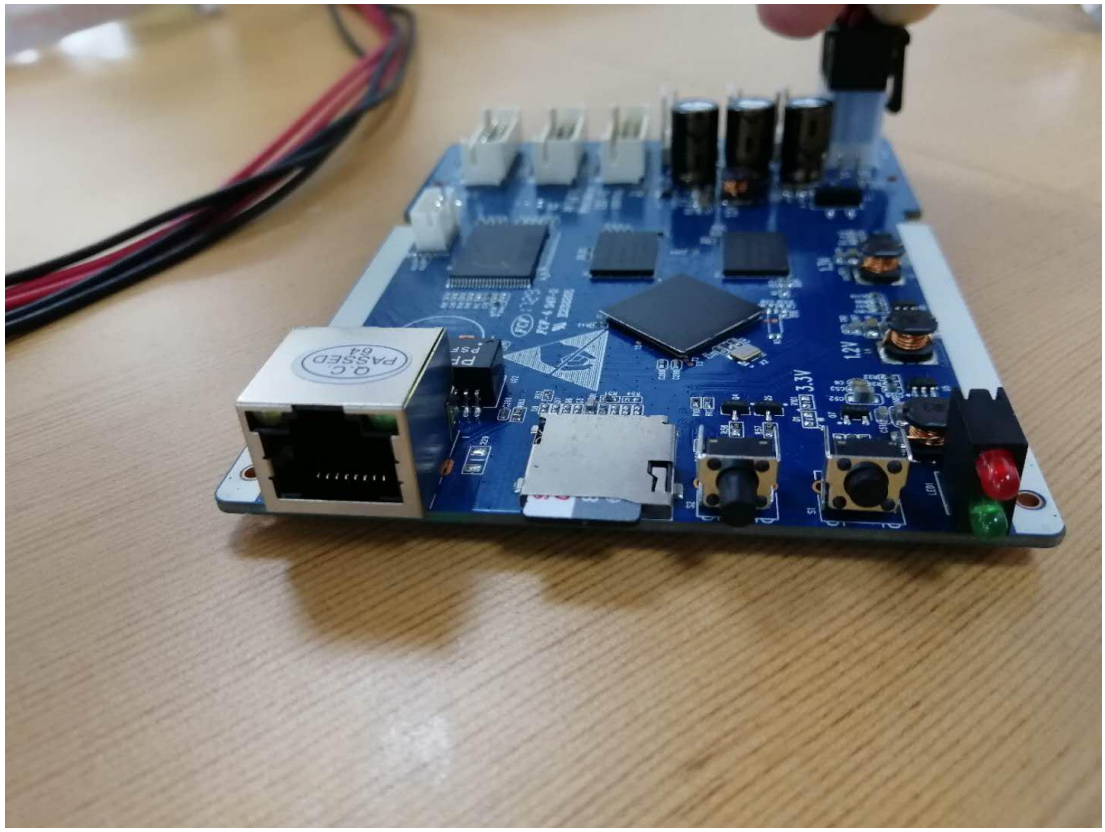
4) in the process of burning H3 control board, the green light is always on and the red light is flashing, as shown in figure.





(5) After the combustion of the H3 control panel, the two indicators

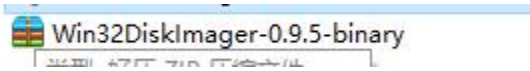
will be closed, as shown in the following figure



According to the above procedure, you have finished the burning operation of the H3 control board, and congratulations!!!

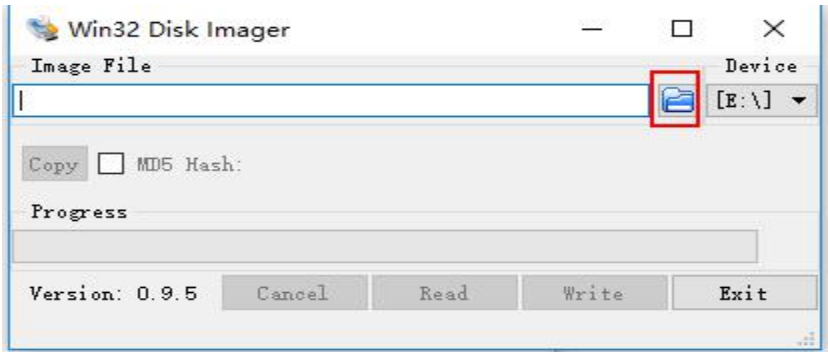
二、Burning of firmware version of ZYNQ control board

1, decompress the Win32DiskImager-0.9.5-binary, as shown in the figure



2, insert a reader with a memory card (8G or 16G) and run the decompressed Win32DiskImager application, as shown in the figure

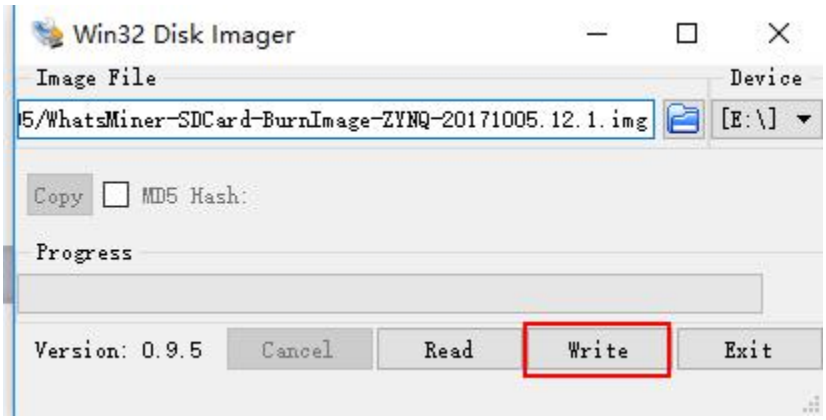
3、When run, the following interface is displayed



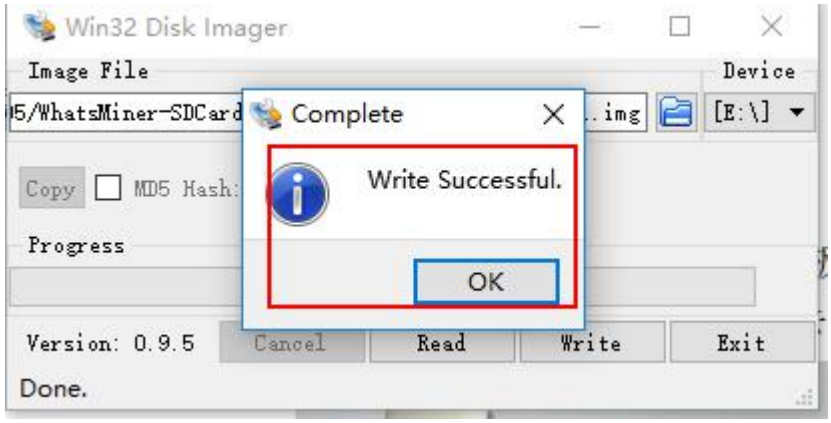
4、Click on the book-like icon, select the image with the "zynq" identifier in the SD card image, and then click open to import it into Win32DiskImager, as shown

in the following figure.

5. Return to the Win32DiskImager interface, and click the “Write” to make the burning card



6. The following interface will pop up when the burn card is successful

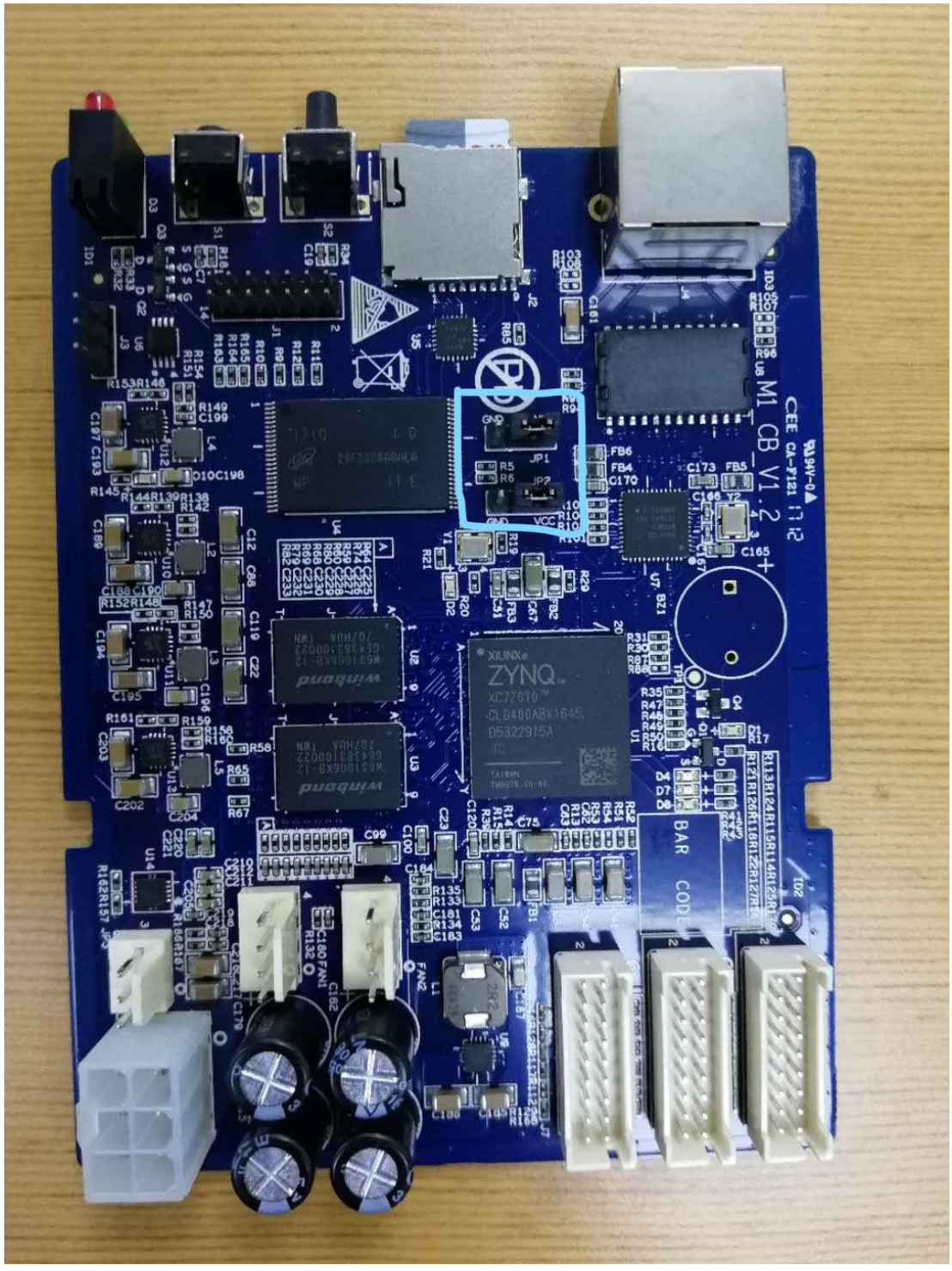
7. 

So far, the SD card of ZYNQ control board is finished.

7, burn mode jumper, plug SD card, connect power cord

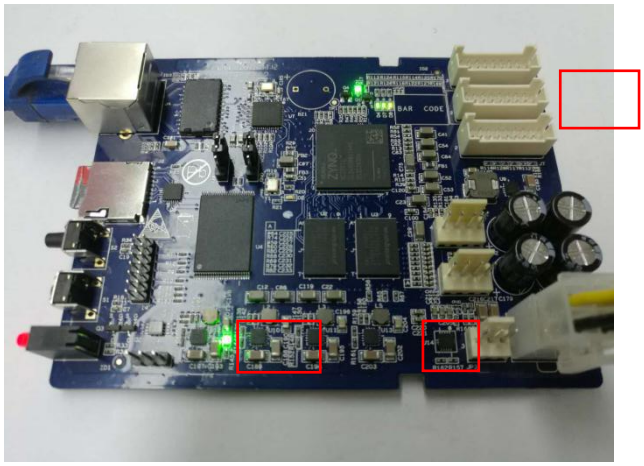
Under the ore machine, the control is taken out from the installation box, the JP1 and the JP2 intermediate needle jumper on the control board are all jumped to the VCC, the bit

firmware version burning mode is set, and the SD card with the firmware version is inserted into the SD card holder, and the power supply line is connected.



8、Firmware version burning

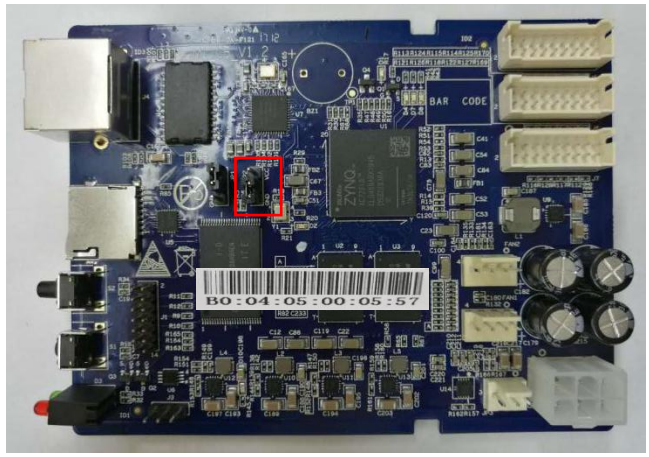
Turn on the power switch, and power on the control panel. On the control panel, the LED light on the control panel will be on normally. The red and green LEDs of the plug-in will be on for about 15-20 seconds, and the next will be about 40s. At this time, the control board is writing the firmware version into the nand flash from the SD card. The red and green LED lights will flash at a time after burning



.

9、Running mode jumper, SD card

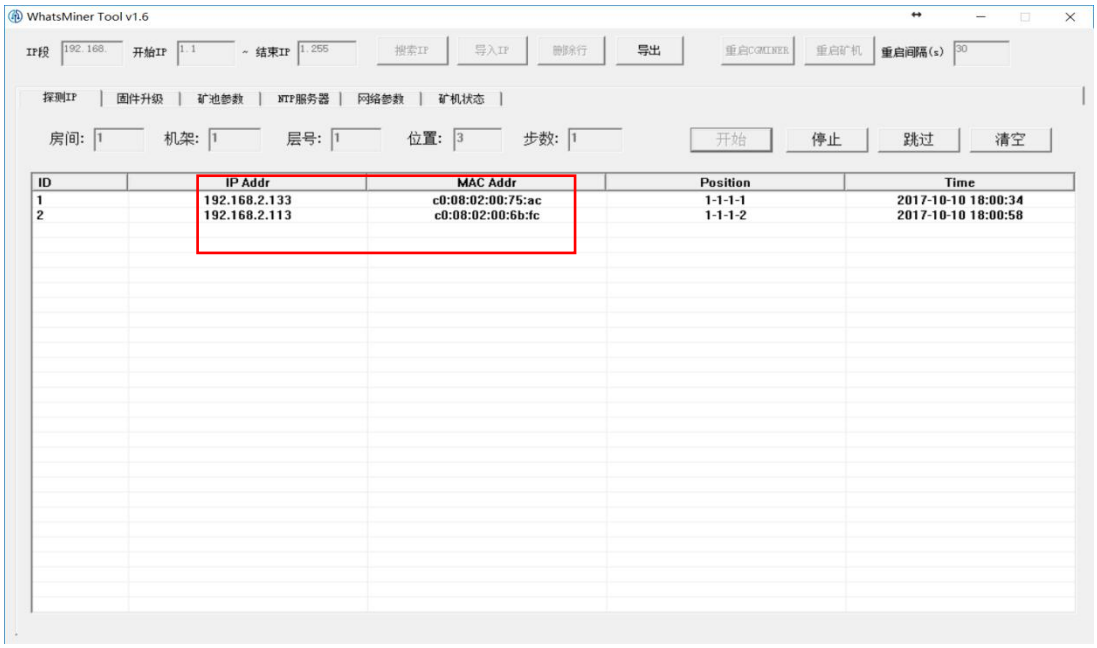
After burning the firmware version, turn off the power supply, remove the SD card, jump the JP2 intermediate pin jumper to GND, next time, and the control board will start from nand flash and run the burned firmware version.



10、Firmware version burn test / verification

10.1）IP address acquisition check

The control board is plugged in to connect to a router (or dhcp server) with a dynamic batch ip address. After 30 s, press the IPFOUND button (long button) on the control board for more than 5 s, normally the red and green LED lights of the plug-in will flicker several times. Under normal conditions, IP can detect the reported ip and MAC addresses in the whatsminertools software.



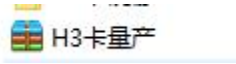
10.2) Firmware burn-in version check

(1) enter the IP address corresponding to the MAC address of the control board in whatsminertools in the test operation computer browser, enter the user name in the login interface: enter the default password of root,: root, click to log on to the control board.

In the control board interface, select: state-> overview, enter the system state interface. Check host model, host name, firmware version.

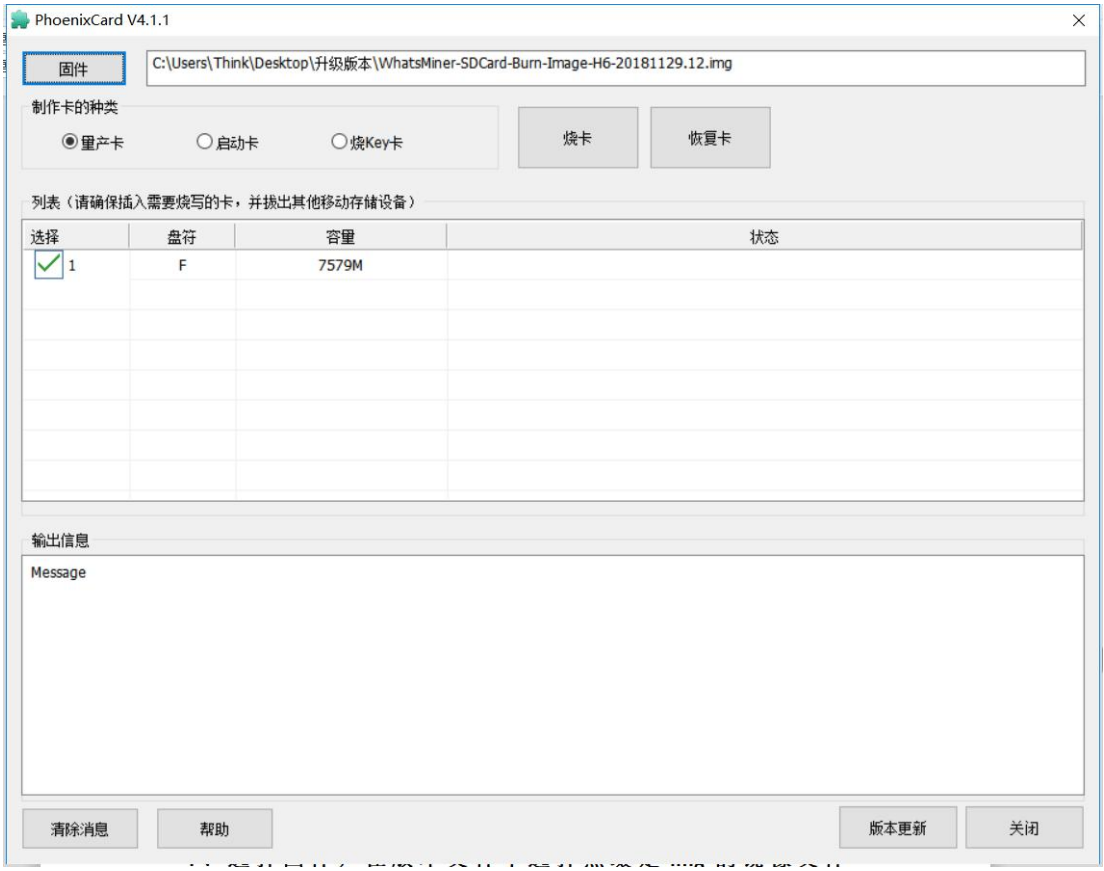
三、H6 control board firmware burning

1.PC decompression "H3 card production"

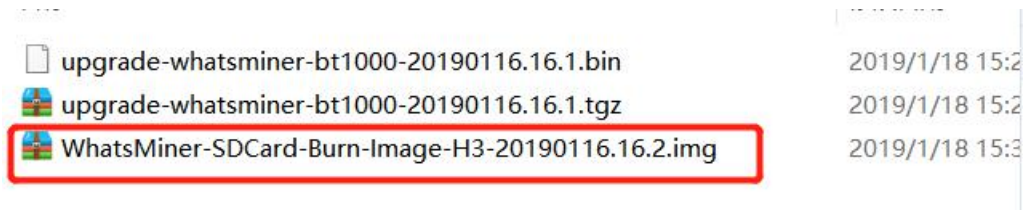


2.The PC computer is plugged into a card reader with a memory card (1G or 2G, 8G for this guide), and then runs the decompressed PhonenixCard application

3.When opened, the following interface is displayed

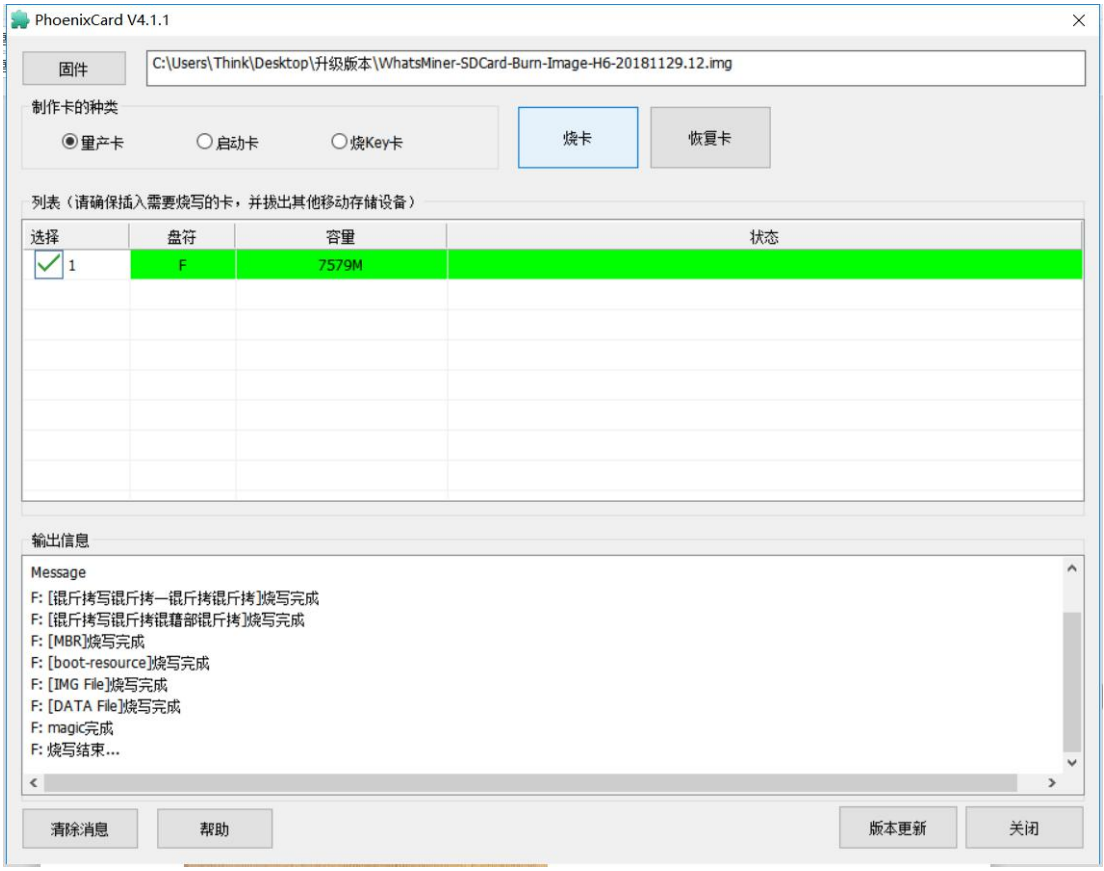


5、Select firmware and select the mirror file dotted with img in the version file



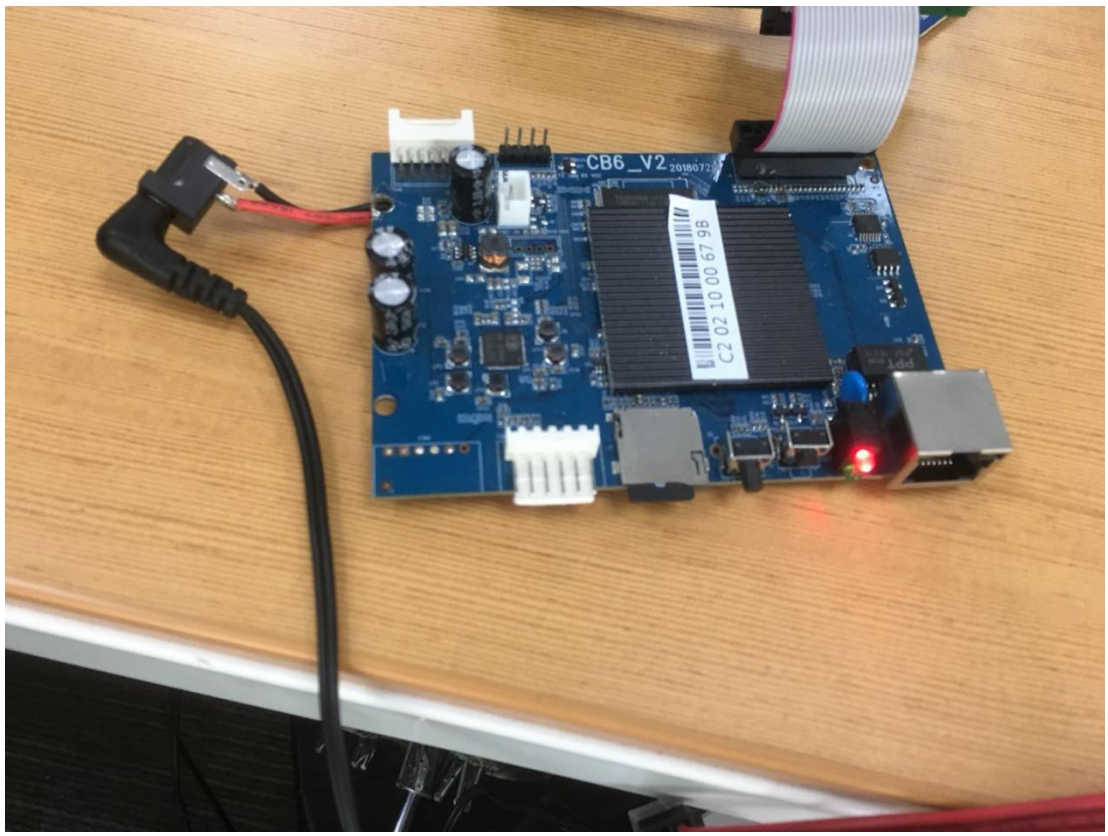
6、Click on "burn card"

Note: if the card burn fails, select the "recovery card" first, then close it, and then follow the 2 steps cycle operation; the card burning process will take about 1 ~ 2 minutes, the successful card burning will show green, as shown in the chart

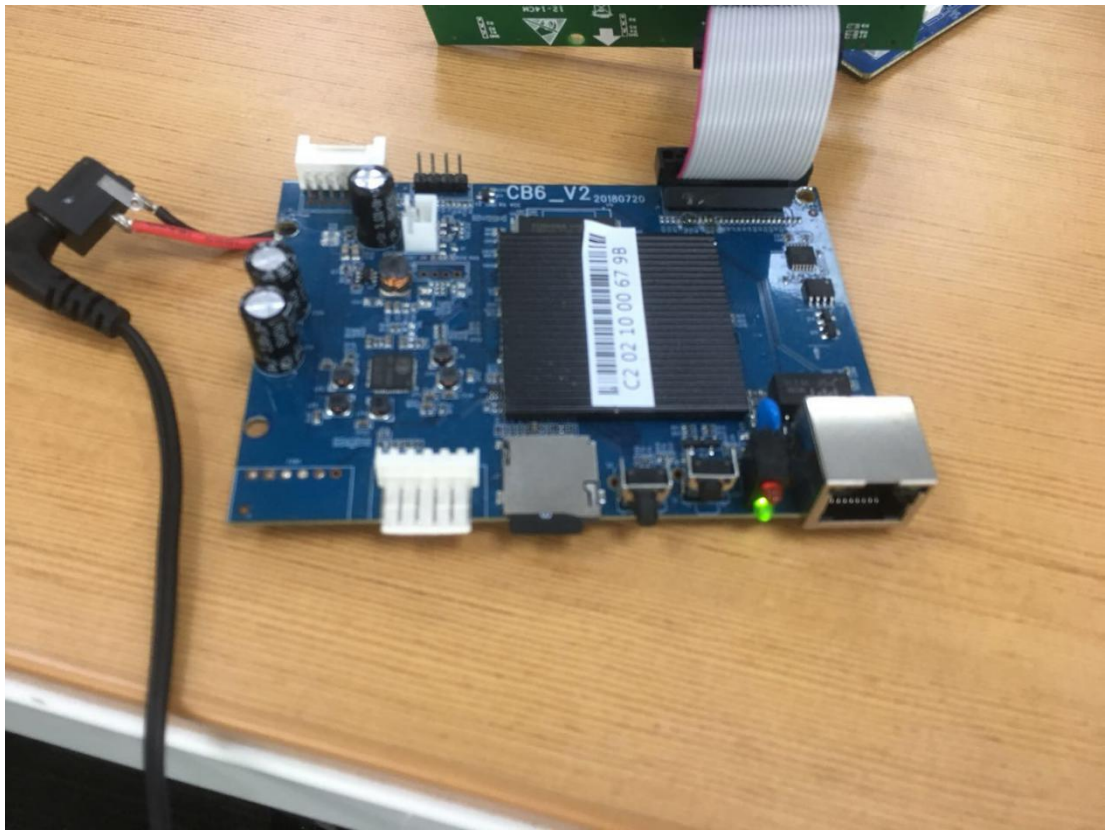


7、After burning the card, take out the card, insert it into the slot of the H6 control board, insert it in the direction as shown, and then power on (note: H6 control board does not need a line)

4. In the process of burning H6 control board, the green light is not on and the red light is flashing, as shown in figure



5. After burning the H6 control board successfully, the red light is not on and the green light is always on, as shown in the following figure



According to the above steps, you have completed the H6 control board burning operation, congratulations!