Control Board, Recovery and Flashing by dint of SD Card

This method is suitable for ASIC Antminer

S9se/S9k/Z9/Z11/T15/S15/T17/S17/S17pro/S17+/T17+/S17e/T17e/S19/S19pro

Prepare before you go:

- Computer with Windows 7 system or above

- Card reader

- SD card with capacity lower than 16G storage with FAT32 format

Control board recovery step：

1. Go to http://asicclub.com.ua/en/asic-firmware/

2. Download the "Antminer_S17_S17pro_SD.rar",or other software

3. Extract the S17_S17pro_SD" files. And copy the extracted files as below to SD Card.

4. Remove the SD card from computer.

5. Power off miner.

6. Insert the SD card properly to the miner.

7. Power on miner. Allow at least 90 seconds for the files to load automatically. When loaded, the red and green indicator lights on the miner will blink

8. Power off miner. Then remove the SD card.

9. Power on miner.

Tutorial Video Link: https://youtu.be/DG5GNgF9ZzI

Control Board, Recovery and Flashing by dint of SD Card

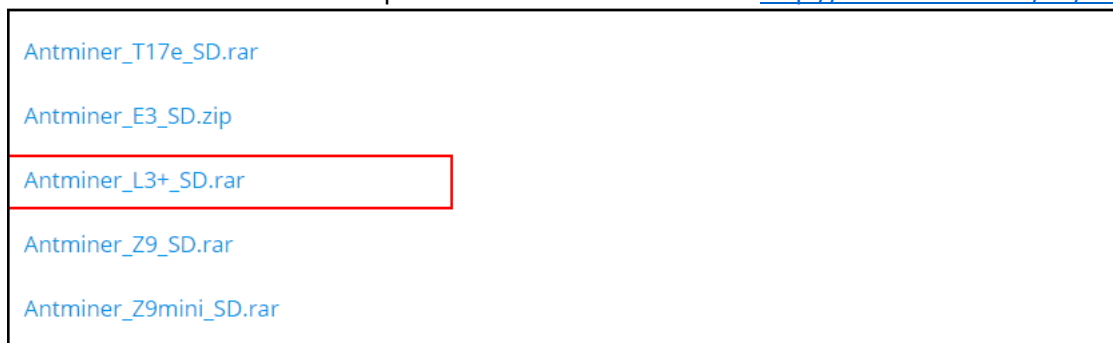## This method is suitable for ASIC Antminer

L3/L3+/L3++/D3/X3/A3

Prepare before you go:

- Computer with Windows XP system or above

- Card reader

- 16G or TF (Micro SD) memory card with less storage

First, copy the program.

1. Download firmware to the computer in advance from the link: http://asicclub.com.ua/en/asic-firmwa

   Antminer_T17e_SD.rar

   Antminer_E3_SD.zip

   Antminer_L3+_SD.rar

   Antminer_Z9_SD.rar

   Antminer_Z9mini_SD.rar

2. Install the TF card on the card reader, and then connect to the computer.

3. Format the TF card in FAT32.

4. Extract the firmware files. And copy the extracted files as below to SD Card.

nand	2017/2/9 16:51	文件夹	
am335x-boneblack-bitmainer.dtb	2016/9/27 20:54	DTB 文件	20 KB
initramfs.bin.SD	2017/4/19 12:54	SD 文件	10,372 KB
MLO	2014/8/8 14:13	文件	99 KB
u-boot	2015/1/4 17:08	光盘映像文件	372 KB
uEnv	2014/7/29 9:55	文本文档	1 KB
uImage.bin	2014/12/2 15:59	BIN 文件	4,307 KB

5. Remove the SD card from computer.

6. Power off miner.

7. Insert the SD card properly to the miner.

8. Power on miner. Allow at least 90 seconds for the files to load automatically. When loaded, the red and green indicator lights on the miner will blink

9. Power off miner. Then remove the SD card.

10. Power on miner.

Control Board, Recovery and Flashing by dint of SD Card
This method is suitable for ASIC Antminer
S9/S9i/S9j/S9D/S9_6 board/S11/T9/T9+/E3

Prepare before you go:

- Computer with Windows 7 system or above
- Card reader
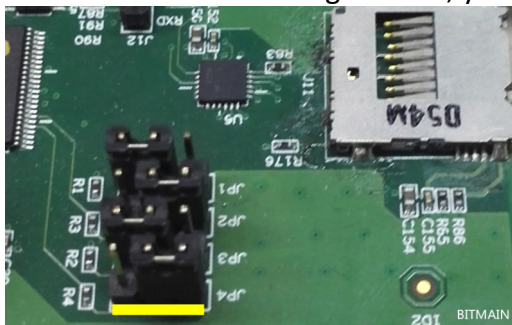- SD card with capacity lower than 16G storage with FAT32 format

Control board recovery step：

1. Go to: http://asicclub.com.ua/en/asic-firmware/

2. Download: the "S9_S9i_SD.rar ", or other software

Flashing Instructions :

1. Remove control board from miner assembly.

2. To enable it to flash using SD card, you need to shift the JP4 jumper to the right as shown below.

3. Insert MicroSD card into computer and format to FAT32.

4. Unzip the S9_S9i_SD.rar and copy the contents to the MicroSD card.

5. Insert the MicroSD card into the card slot on the control board

6. Power on the control board. Allow at least 90 seconds for the files to load automatically. When loaded, the red and green indicator lights on the control board will blink.

7. After flashing completed, power off the control board and shift the JP4 jumper back to the original position.

8. Insert the control board into the device and Power on miner.

Tutorial Video Link: https://youtu.be/6_4oxhVT6hg