How to flash linux image on eMMC of banana pi

06 July 2022   13:03

1. Download OS image file from below links in laptop
2. Insert SD card in SD card writer and connect to laptop
3. Download Win32DiskImager from internet
4. Put the path of image file in Win32DiskImager. Select drive of sd card
5. Select SHA1
6. And Press burn button
7. After burning it will create two partitions on SD card one for booting and other for file storage.
8. Note. When you try to open partition on computer for file storage, It will ask you to format it before use. Do not format the partition and just remove SD card and put in Banana PI
9. It will boot From SD card.
10. Copy paste OS image file on pen drive. Connect this pen drive to banana pi. Now banana pi has to things connected to it one is pen drive with os image file and another is SD card with os flashed on it.

11. After booting from SD card, in the terminal use below command to flash : Run "fdisk -l" command line on your BPI-M3 and you can see the EMMC path as " /dev/mmcblk1"

    sudo fdisk -l
12. Open SD card and folder in which OS image file is stored
13. Right click and open in terminal
14. Switch to the path of images, and run the command.
15. sudo dd if=<PATH OF IMG FILE> of=/dev/mmcblk1 bs=10MB

WAIT this takes time like 1 hour or may be more

1. When finish burning, remove the SD card, and restart the BPI-M3
2. :Check if the system starts normally on the EMMC flash boot.

    Images link :
    https://wiki.banana-pi.org/Banana_Pi_BPI-M2%2B

    Images link :

    https://drive.google.com/drive/folders/0B_YnvHgh2rwjVjNyS2pheEtWQlk?resourcekey=0-U4TI84zIBdId7bHHjf2qKA

    https://bananapi.gitbook.io/bpi-m3/zh/howtoburnlinuximagetoemmc#:~:text=How%20to%20burn%20Linux%20image,octa%2Dcore%20single%20board%20comp&text=Step%201%3A%20Start%20up%20the,Storage%20to%20the%20USB%20drive.&text=Step%204%3ASwitch%20to%20the,images%2C%20and%20run%20the%20command.

[banana pi BP-M3 How to burn linux images to eMMC Storage](#)