

Image Install Guide (DEBIX Model C)

Software Installation

① Download Image

1. Download the latest system image from the [software download page](#) of DEBIX official website;

IMPORTANT

The boot type of the image downloaded depends on which boot mode image you choose to install, and whether or not the board contains eMMC, etc. For example, if you need to install an image with eMMC boot mode, and the board has an eMMC module, you can choose the image name with (boot from eMMC).

2. If the downloaded image file is a zip file, you need to decompress it into an .img file;
3. Write the .img file into the Micro SD card by [balenaEtcher](#) tool.

② System Boot

A. Boot from Micro SD (default)

● Component Preparation

- ✓ DEBIX Model C
- ✓ Micro SD card, and card reader
- ✓ DC 5V/2A power adapter
- ✓ PC (windows 10/11)

● Micro SD Card Installation Boot from Micro SD Card Image

Select the link to download Boot from SD Card for DEBIX Model C from DEBIX official website:

Model_C_SD_Start_ubuntu20.04-V2.4.1-202XXXXX.img, as shown below.

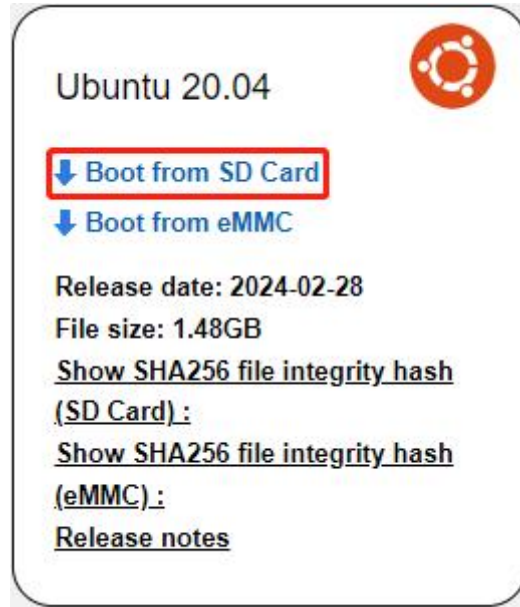


Figure 19

1. Install and open the Etcher tool on your PC, insert the Micro SD card, select the img file to be installed and the disk partition corresponding to the Micro SD card;

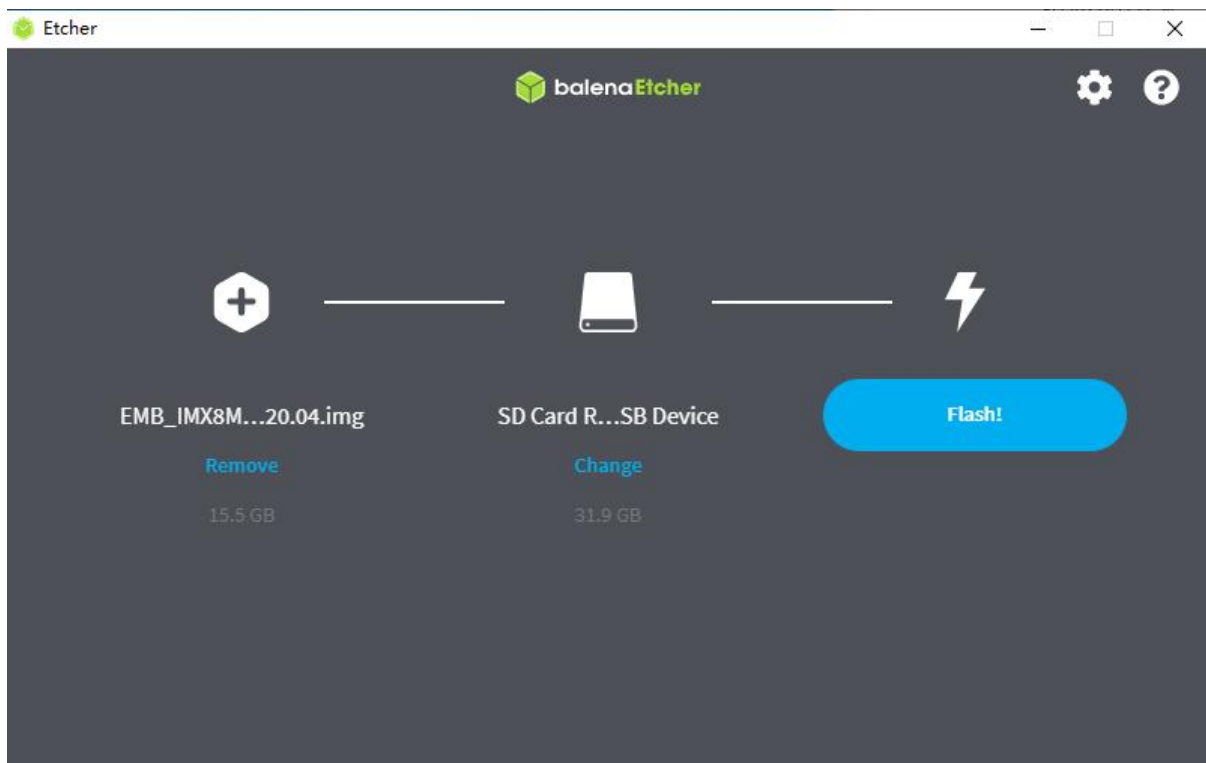


Figure 20

2. Click **Flash!** Wait patiently and the program will write the system to the Micro SD card;

NOTE

The system may prompt you that the disk is unavailable and needs to be formatted, please ignore it, it is not an error!

3. When **Flash Complete!** appears, it means the system has been successfully programmed to the Micro SD card;

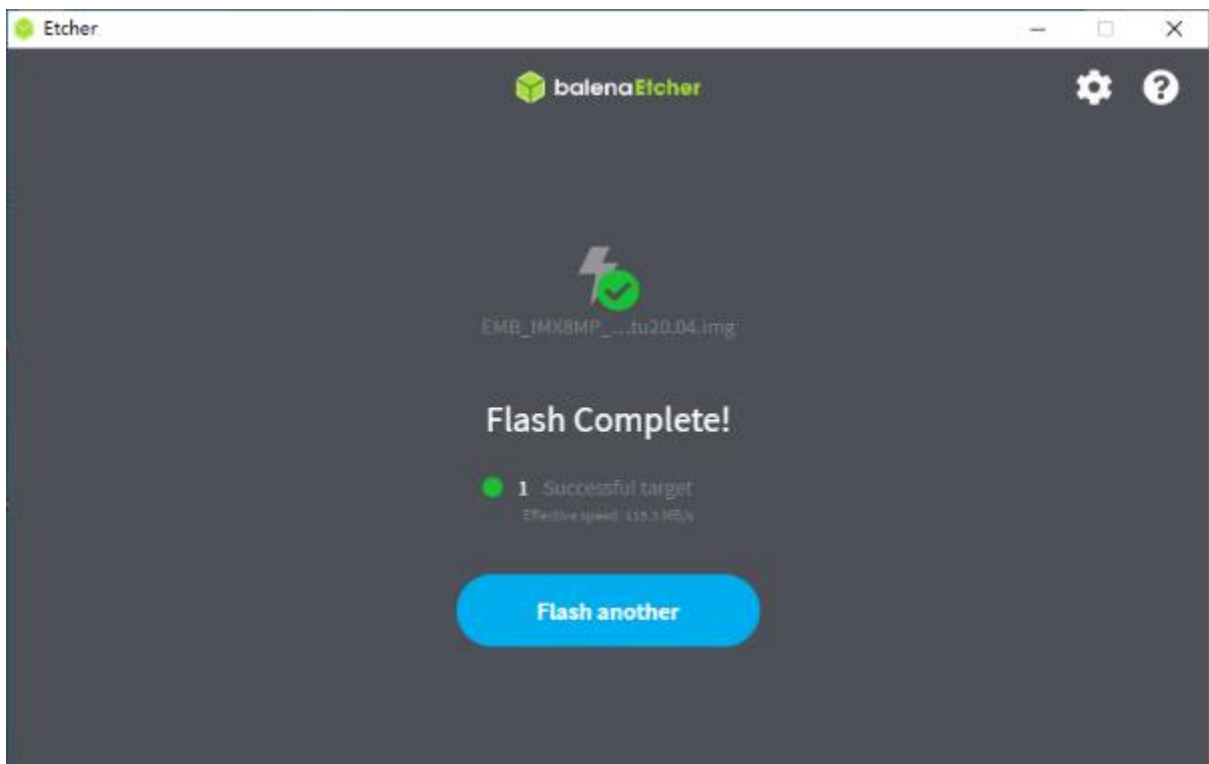


Figure 21

B. Boot from eMMC

● **Component Preparation**

- ✓ DEBIX Model C
- ✓ Micro SD card, and card reader
- ✓ DC 5V/2A power adapter
- ✓ PC (windows 10/11)

- **Micro SD Card Installation Boot from eMMC Image**

IMPORTANT

For the default configuration, you need to select an eMMC module when purchasing.

Select the link to download Boot from eMMC for DEBIX Model C from DEBIX official website:

ModelC-SD_UPGRADE_ubuntu20.04-V2.4.1-202XXXXX.img, as shown below.

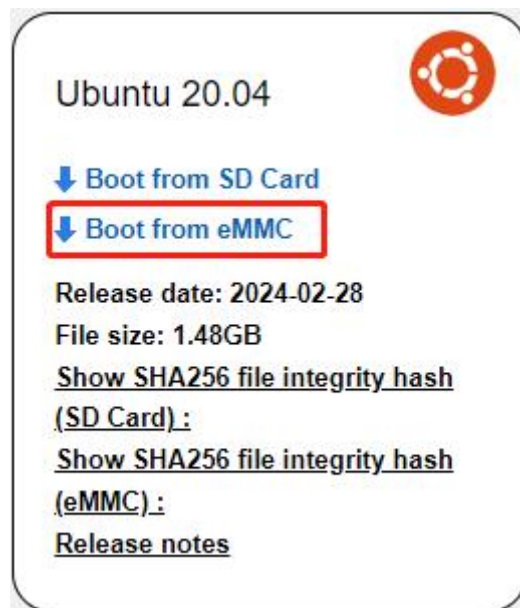


Figure 22

1. Write the downloaded system image to the Micro SD card according to the steps 1-3 operation of "[Boot from Micro SD Card](#)".
2. Insert the Micro SD card into DEBIX Model C and power on. After booting, the system will automatically write to eMMC through the Micro SD card. When burning, the green LED on the motherboard will flash quickly, please wait. When the green LED changes from fast flash to slow flash, that is, the programming is complete.