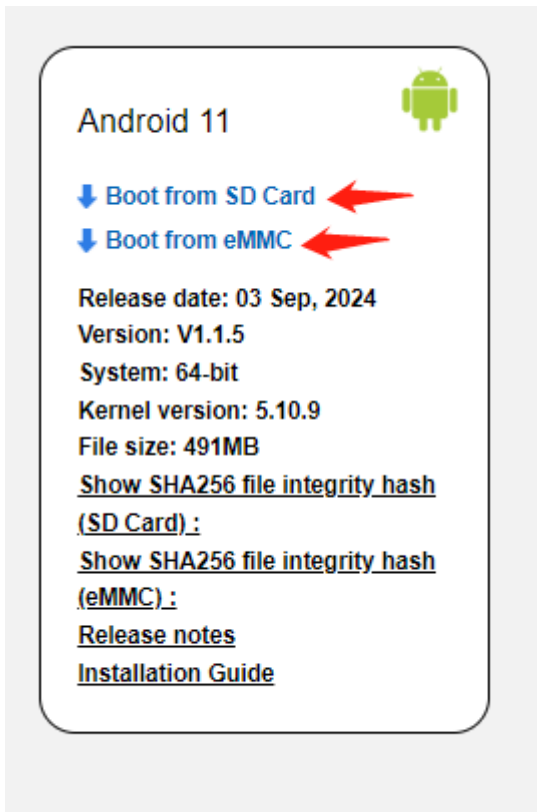


Android11 Flashing Guide

- 1、Prepare a PC (Windows 10 or Windows 11) and Type-C cable
- 2、Download the USB flash firmware (<https://debix.io/Software/downloadn.html>) and decompress it to any path



3、Run Windows PowerShell as administrator, go to the directory where the unzipped file is located, run the burning command, and wait for burning, as shown in the following figure

Note: The burn instruction needs to be selected according to the DDR and eMMC configuration.

Burn to Micro SD

2G ddr

```
./uuu_imx_android_flash.bat -f imx8mp -a -e -t sd
```

4G ddr

```
./uuu_imx_android_flash-4g.bat -f imx8mp -a -e -t sd
```

8G ddr

```
./uuu_imx_android_flash-8g.bat -f imx8mp -a -e -t sd
```

32G sd card

2G ddr

```
./uuu_imx_android_flash.bat -f imx8mp -a -e -t sd -c 28
```

4G ddr

```
./uuu_imx_android_flash-4g.bat -f imx8mp -a -e -t sd -c 28  
8G ddr
```

```
./uuu_imx_android_flash-8g.bat -f imx8mp -a -e -t sd -c 28
```

Burn to EMMC

```
2G ddr
```

```
./uuu_imx_android_flash.bat -f imx8mp -a -e
```

```
4G ddr
```

```
./uuu_imx_android_flash-4g.bat -f imx8mp -a -e
```

```
8G ddr
```

```
./uuu_imx_android_flash-8g.bat -f imx8mp -a -e
```

If the eMMC capacity is 32GB:

```
2G ddr
```

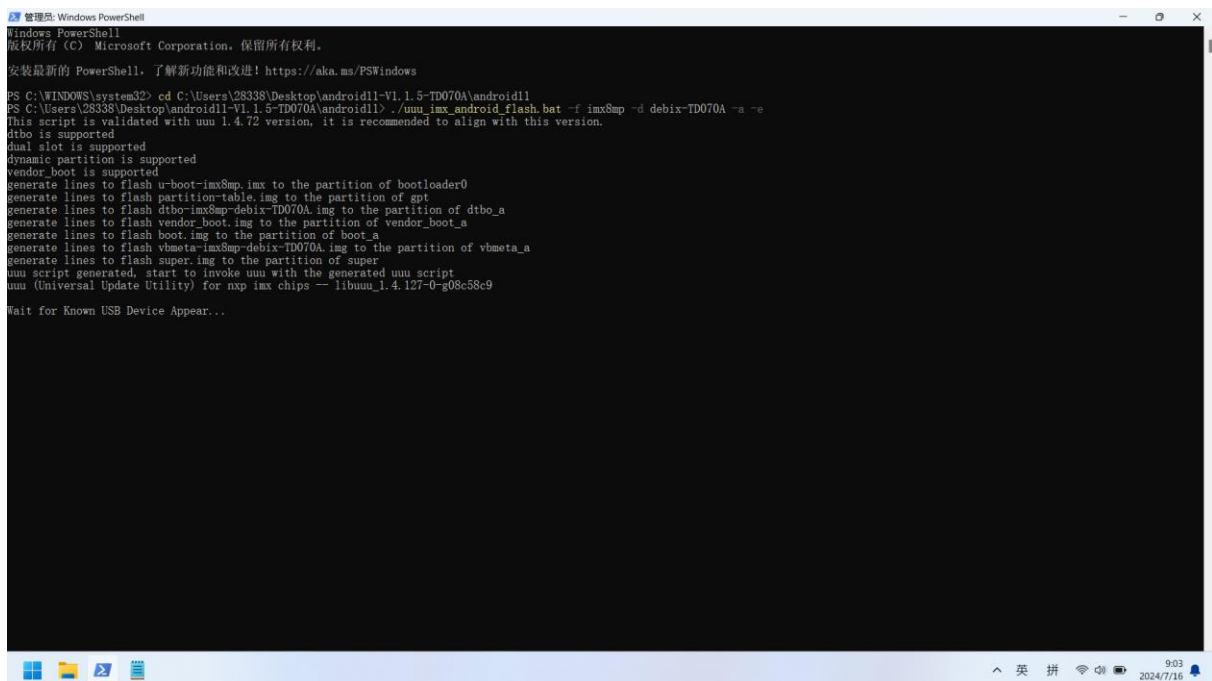
```
./uuu_imx_android_flash.bat -f imx8mp -a -e -c 28
```

```
4G ddr
```

```
./uuu_imx_android_flash-4g.bat -f imx8mp -a -e -c 28
```

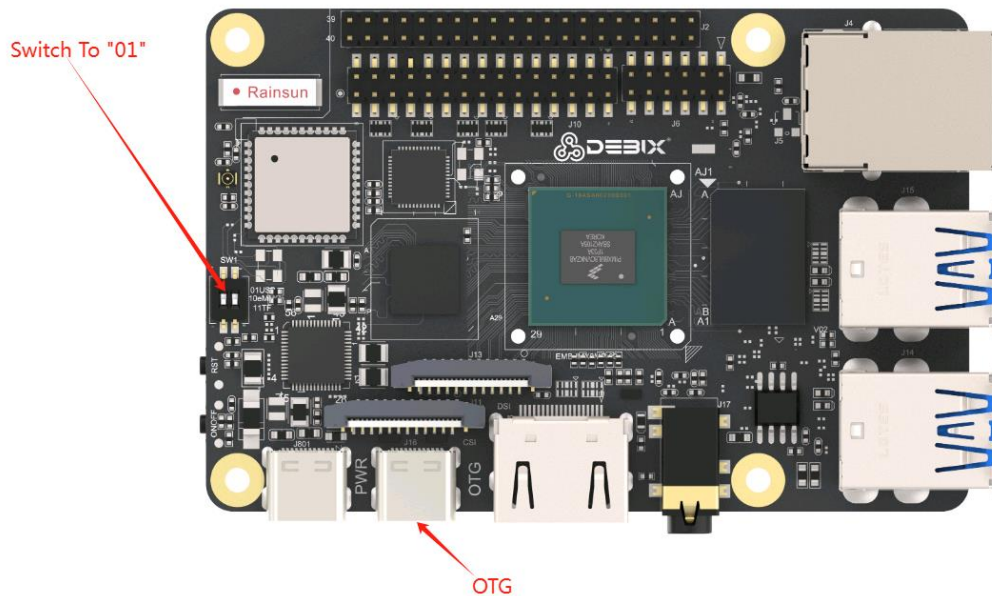
```
8G ddr
```

```
./uuu_imx_android_flash-8g.bat -f imx8mp -a -e -c 28
```



```
管理工具 - Windows PowerShell  
Windows PowerShell  
版权所有 (C) Microsoft Corporation. 保留所有权利。  
安装最新的 PowerShell，了解新功能和改进！ https://aka.ms/PSWindows  
PS C:\WINDOWS\system32> cd C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11  
PS C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11> ./uuu_imx_android_flash.bat -f imx8mp -d debix-TD070A -a -e  
This script is validated with uuu 1.4.72 version, it is recommended to align with this version.  
dtbo is supported  
dual slot is supported  
dynamic partition is supported  
vendor_boot is supported  
generate lines to flash u-boot-imx8mp.img to the partition of bootloader0  
generate lines to flash partition-table.img to the partition of spt  
generate lines to flash dtbo-imx8mp-debix-TD070A.img to the partition of dtbo_a  
generate lines to flash vendor.boot.img to the partition of vendor_boot_a  
generate lines to flash boot.img to the partition of boot_a  
generate lines to flash vbmeta-imx8mp-debix-TD070A.img to the partition of vbmeta_a  
generate lines to flash super.img to the partition of super  
uuu script generated, start to invoke uuu with the generated uuu script  
uuu (Universal Update Utility) for nxp imx chips -- libuuu.1.4.127-0-g08c58c9  
Wait for Known USB Device Appear...
```

4、Connect the PC and the debix OTG interface with the Type-C cable, and switch the DIP switch to “01” (USB flash mode).



5、When Debix is powered on, a burning progress bar will appear, as shown below

```

管理: Windows PowerShell
Windows PowerShell
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PS C:\WINDOWS\system32> cd C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11
PS C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11> ./uuu_imx_android_flash.bat -f imx8mp -d debix-TD070A -a -e
This script is validated with uuu 1.4.72 version, it is recommended to align with this version.
dtbo is supported
dual slot is supported
dynamic partition is supported
vendor_boot is supported
generate lines to flash u-boot-imx8mp.img to the partition of bootloader0
generate lines to flash partition-table.img to the partition of gpt
generate lines to flash dtbo-imx8mp-debix-TD070A.img to the partition of dtbo_a
generate lines to flash vendor_boot.img to the partition of vendor_boot_a
generate lines to flash boot.img to the partition of boot_a
generate lines to flash vbmeta-imx8mp-debix-TD070A.img to the partition of vbmeta_a
generate lines to flash super.img to the partition of super
uuu script generated, start to invoke uuu with the generated uuu script
uuu (Universal Update Utility) for nxp imx chips -- libuuu_1.4.127-0-g08c58c9

Success 0  Failure 0

1:1  12/22 [          ] FB[-t 600000]: flash vendor_boot_a vendor_boot.img.link
    
```

6、Wait for the completion of burning, the word "DONE" can appear, as shown below

```
管理: Windows PowerShell
Windows PowerShell
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安装最新的 PowerShell, 了解新功能和改进! https://aka.ms/PSWindows

PS C:\WINDOWS\system32> cd C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11
PS C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11> ./uuu_img_android_flash.bat -f imx8mp -d debix-TD070A -a -e
This script is validated with uuu 1.4.72 version, it is recommended to align with this version.
dtbo is supported
dual slot is supported
dynamic partition is supported
vendor_boot is supported
generate lines to flash u-boot-imx8mp.img to the partition of bootloader0
generate lines to flash partition-table.img to the partition of gpt
generate lines to flash dtbo-imx8mp-debix-TD070A.img to the partition of dtbo_a
generate lines to flash vendor_boot.img to the partition of vendor_boot_a
generate lines to flash boot.img to the partition of boot_a
generate lines to flash vbmeta-imx8mp-debix-TD070A.img to the partition of vbmeta_a
generate lines to flash super.img to the partition of super
uuu script generated, start to invoke uuu with the generated uuu script
uuu (Universal Update Utility) for nxp imx chips -- libuuu_1.4.127-0-g08c58c9

Success 1   Failure 0

1:1   22/22 [Done]   ] FB: done

PS C:\Users\28338\Desktop\android11-V1.1.5-TD070A\android11>
```

7, Switch the DIP switch to “10” (eMMC boot mode), and power on the mainboard.