

Byteon Firmware SD card Flash Guide

2025/06

By Byteon

1. Hardware prepare

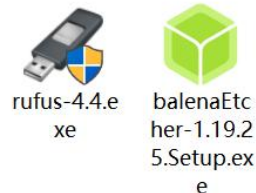
- SD card reader
- 8G High-speed TF/SD card (max. 32G and must be high-speed card)

2. Download byteon firmware from <http://www.byteonminer.com> and unzip it to .img file

 byteon-s19-hydro-xil-sd-v1.2.6-rc5-install.img	2025/5/23 13:07	光盘映像文件	51,201 KB
 byteon-s19-hydro-xil-sd-v1.2.6-rc5-install.tar.gz	2025/6/11 12:02	WinRAR 压缩文件	16,827 KB

3. Download utilities (anyone is OK)

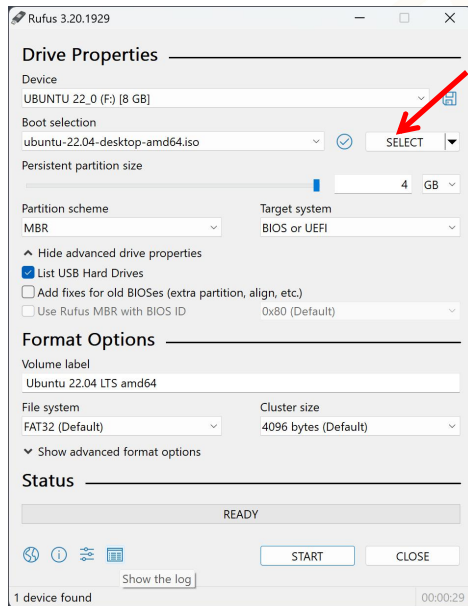
- rufus or
- balenaEtcher



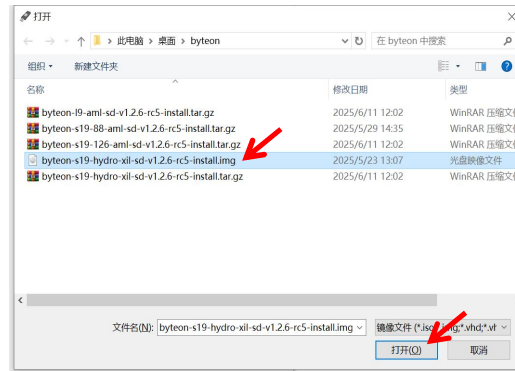
4. Insert SD card into card reader. Format it in FAT32 format.

Burn Byteon Firmware with Rufus

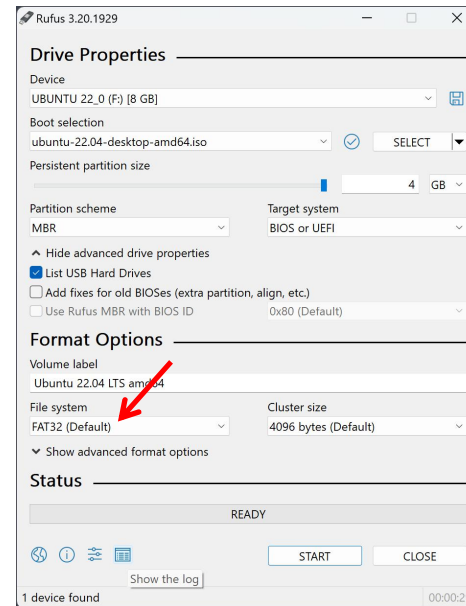
Open rufus → Select .img file → Open → Format → Start → Close



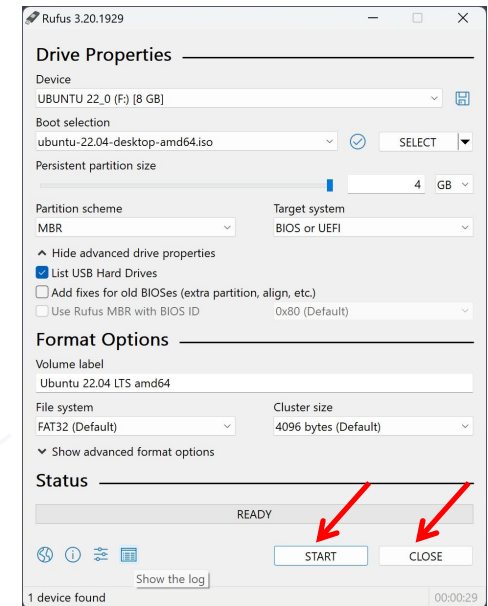
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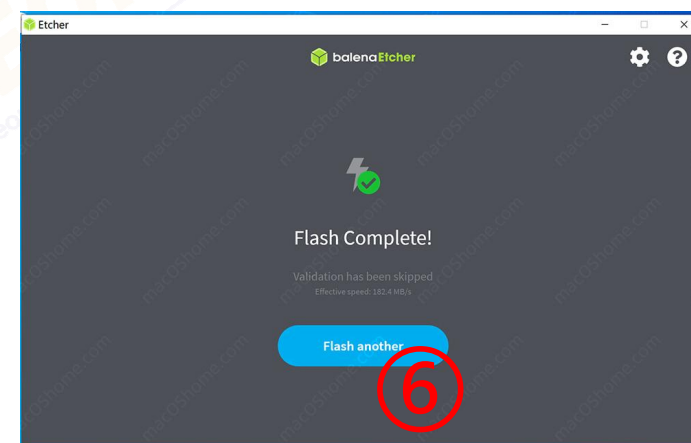
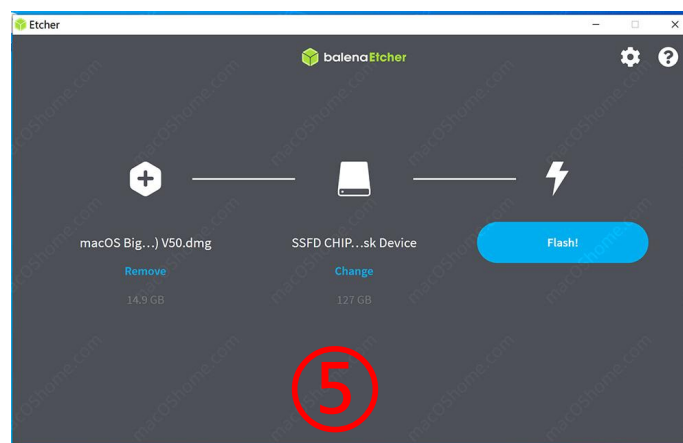
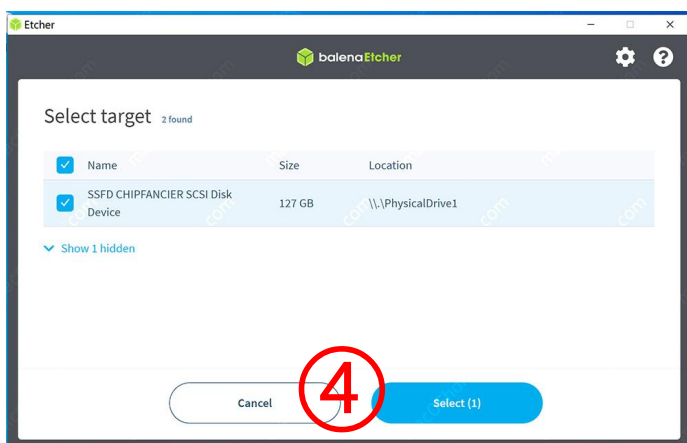
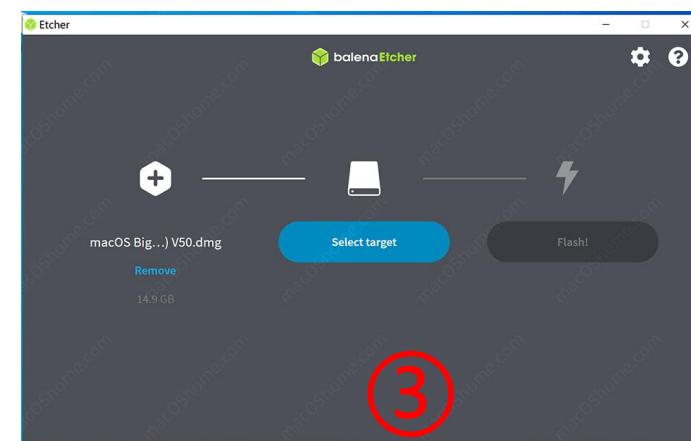
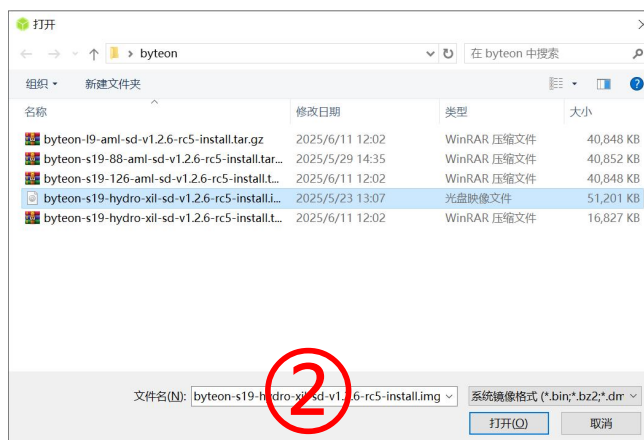
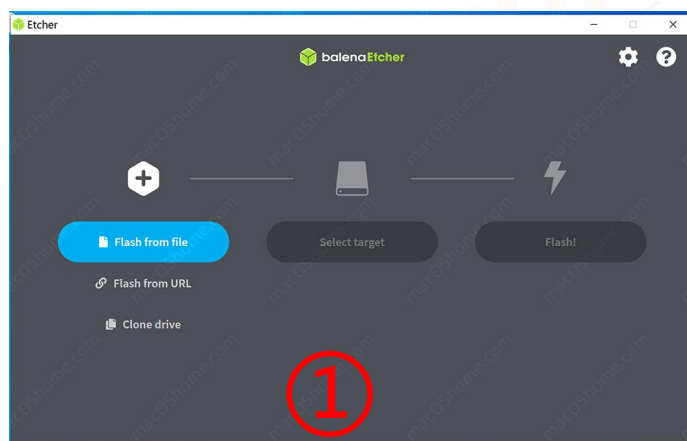


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Burn Byteon Firmware with balenaEtcher



Open balenaEtcher → Flash from File → Open .img file → Select target → Select → Flash → Flash complete



Flash complete, check the files in the SD card

此电脑 > ANTHILLOS (G:)			
名称	修改日期	类型	大小
 boot.bin	2025/5/23 5:07	BIN 文件	80 KB
 devicetree.dtb	2025/5/23 5:07	DTB 文件	8 KB
 devicetree.dtb.sig	2025/5/23 5:07	SIG 文件	1 KB
 miner.btm	2025/5/23 5:07	BTM 文件	2 KB
 miner.btm.sig	2025/5/23 5:07	SIG 文件	1 KB
 uEnv.txt	2025/5/23 5:07	文本文档	1 KB
 ulmage	2025/5/23 5:07	文件	3,963 KB
 ulmage.sig	2025/5/23 5:07	SIG 文件	1 KB
 update.image.gz	2025/5/23 5:07	WinRAR 压缩文件	12,774 KB
 update.image.gz.sig	2025/5/23 5:07	SIG 文件	1 KB