



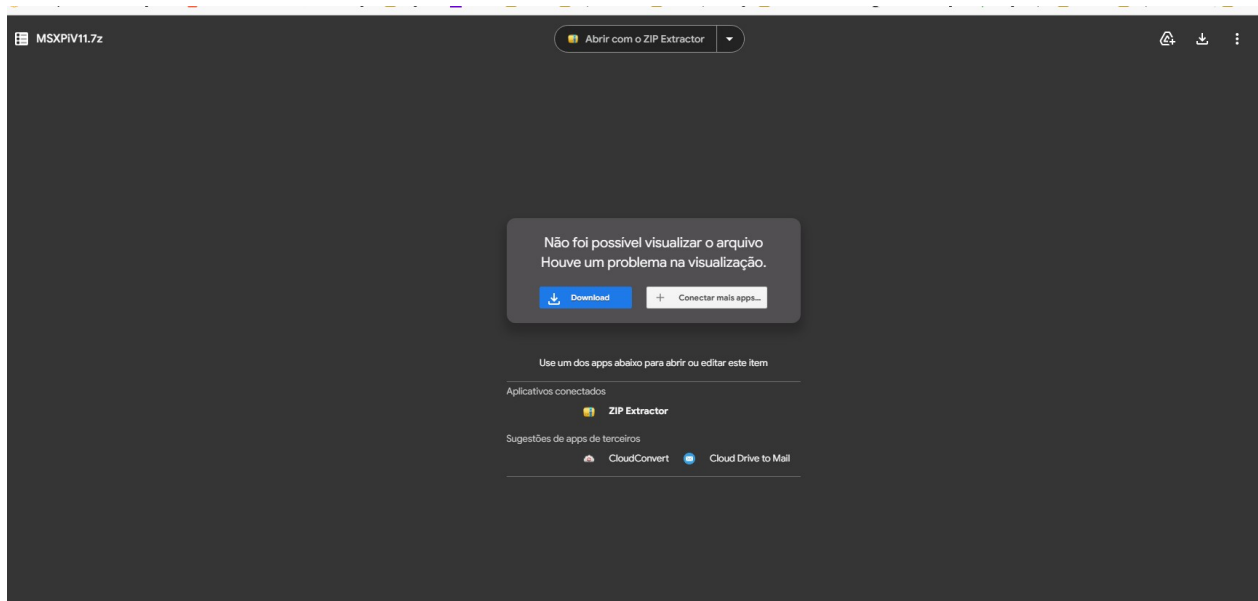
*** This is a MSXPi Developer Contribution by Retropix Brazil ***

In order to use the MSXPi, it is necessary that a Micro SD card be prepared with all the necessary control software. Thus, this tutorial will describe a way to perform this preparation using a ready-made disk image.

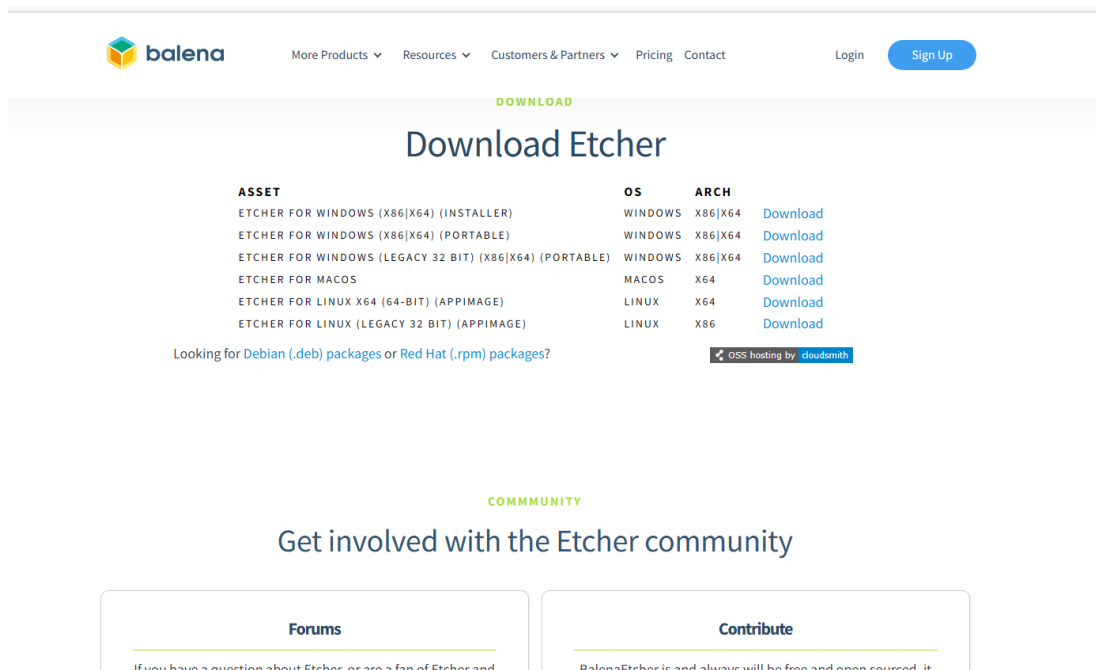
In this tutorial, we use Windows as the operating system, but nothing prevents you from using other platforms to create the Micro SD card.

Necessary tools

- **MSXPi Disk Image** – Available from the MSXPi project at this link: MSXPi SD Card image:
<https://tinyurl.com/MSXPi-SDCard>



- **balenaEtcher** – Tool to write disk image to Micro SD card - [balenaEtcher - Flash OS images to SD cards & USB drives](#)



The screenshot shows the balenaEtcher website. The header includes the balena logo and navigation links: More Products, Resources, Customers & Partners, Pricing, Contact, Login, and a Sign Up button. The main section is titled "Download Etcher" and lists download links for various operating systems and architectures. Below this, there is a "COMMUNITY" section with links to "Forums" and "Contribute".

ASSET	OS	ARCH	Download
ETCHER FOR WINDOWS (X86 X64) (INSTALLER)	WINDOWS	X86 X64	Download
ETCHER FOR WINDOWS (X86 X64) (PORTABLE)	WINDOWS	X86 X64	Download
ETCHER FOR WINDOWS (LEGACY 32 BIT) (X86 X64) (PORTABLE)	WINDOWS	X86 X64	Download
ETCHER FOR MACOS	MACOS	X64	Download
ETCHER FOR LINUX X64 (64-BIT) (APPIMAGE)	LINUX	X64	Download
ETCHER FOR LINUX (LEGACY 32 BIT) (APPIMAGE)	LINUX	X86	Download

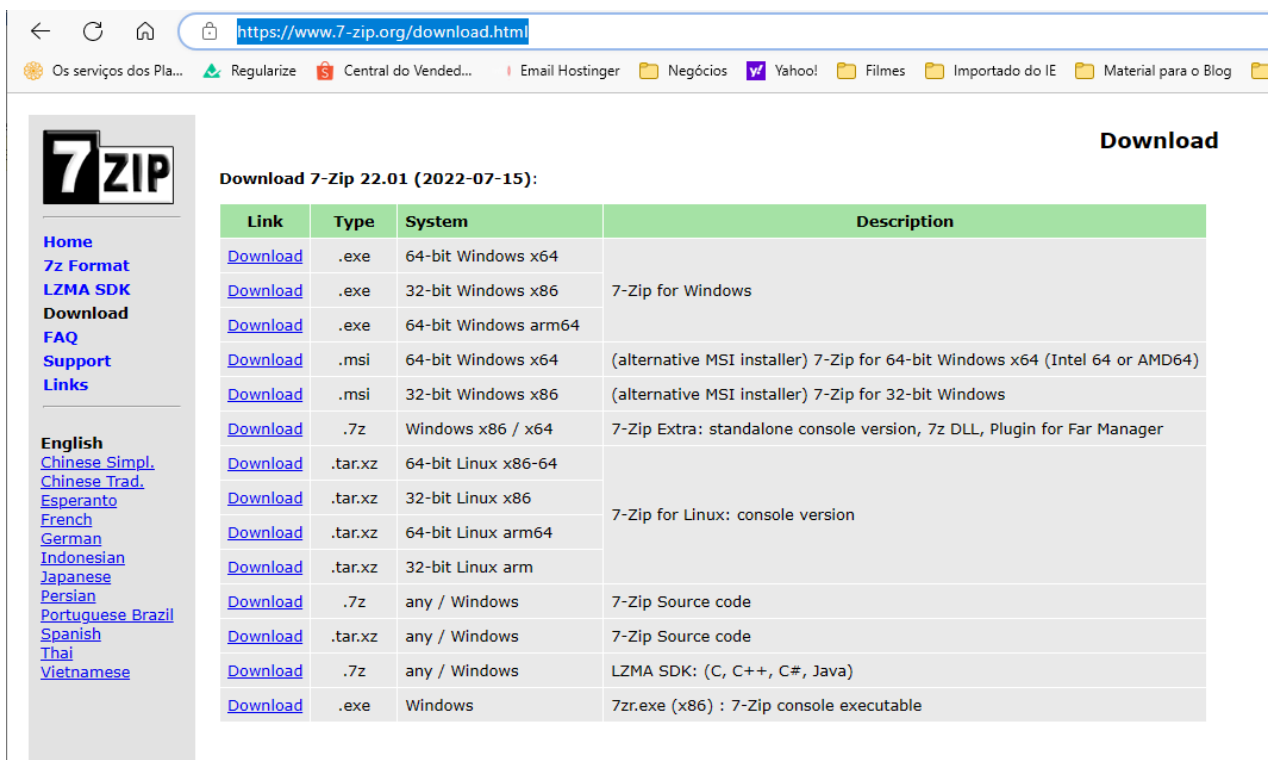
Looking for Debian (.deb) packages or Red Hat (.rpm) packages?

Get involved with the Etcher community

Forums
If you have a question about Etcher, or are a fan of Etcher and

Contribute
BalenaEtcher is and always will be free and open sourced, it

- Download the **7zip software** (if you don't have an application to extract 7zip files) - [Download \(7-zip.org\)](#)

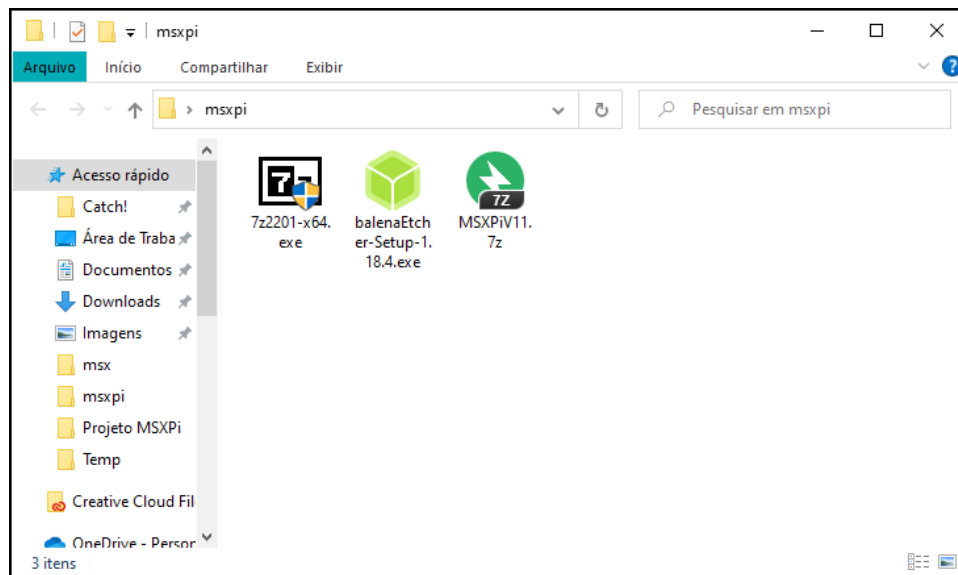


The screenshot shows the 7-Zip website. The header includes the 7-ZIP logo and navigation links: Home, 7z Format, LZMA SDK, Download, FAQ, Support, and Links. The main section is titled "Download 7-Zip 22.01 (2022-07-15):" and lists download links for various operating systems and architectures. Below this, there is a table with download links, types, systems, and descriptions.

Link	Type	System	Description
Download	.exe	64-bit Windows x64	7-Zip for Windows
Download	.exe	32-bit Windows x86	
Download	.exe	64-bit Windows arm64	
Download	.msi	64-bit Windows x64	(alternative MSI installer) 7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
Download	.msi	32-bit Windows x86	(alternative MSI installer) 7-Zip for 32-bit Windows
Download	.7z	Windows x86 / x64	7-Zip Extra: standalone console version, 7z DLL, Plugin for Far Manager
Download	.tar.xz	64-bit Linux x86-64	7-Zip for Linux: console version
Download	.tar.xz	32-bit Linux x86	
Download	.tar.xz	64-bit Linux arm64	
Download	.tar.xz	32-bit Linux arm	7-Zip Source code
Download	.7z	any / Windows	
Download	.tar.xz	any / Windows	
Download	.7z	any / Windows	LZMA SDK: (C, C++, C#, Java)
Download	.exe	Windows	7zr.exe (x86) : 7-Zip console executable

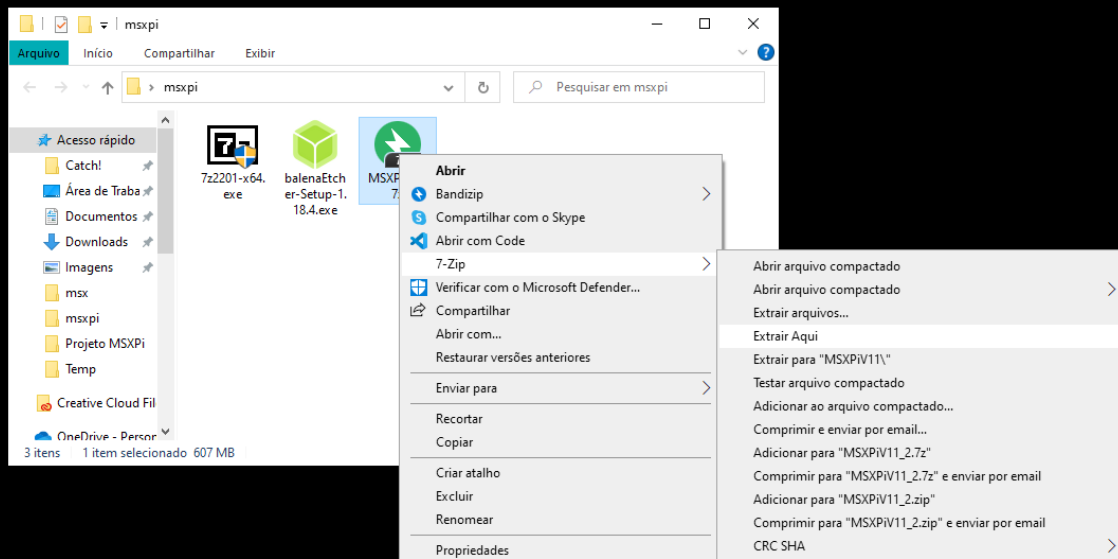
Procedures

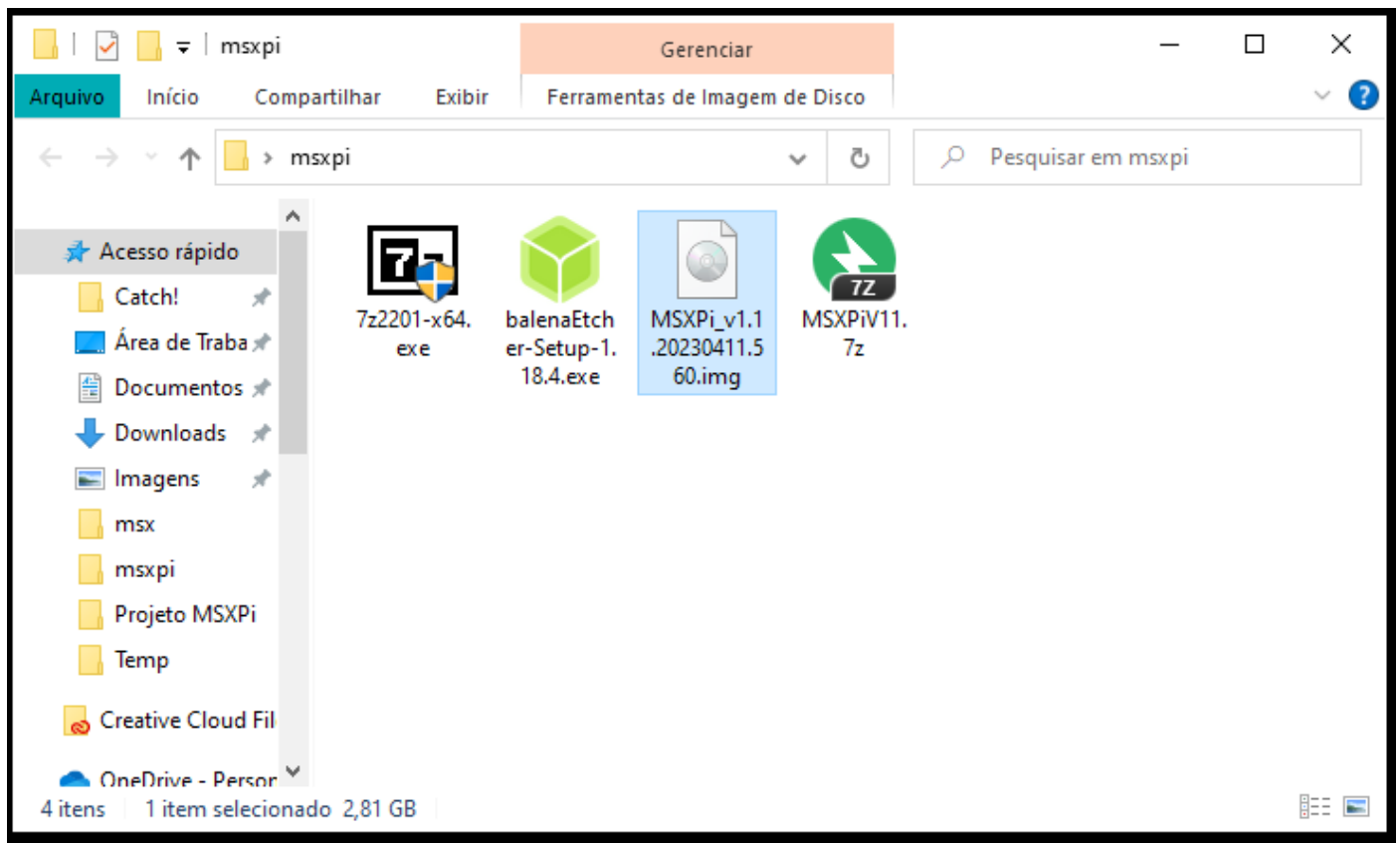
1st. Copy everything to a folder:



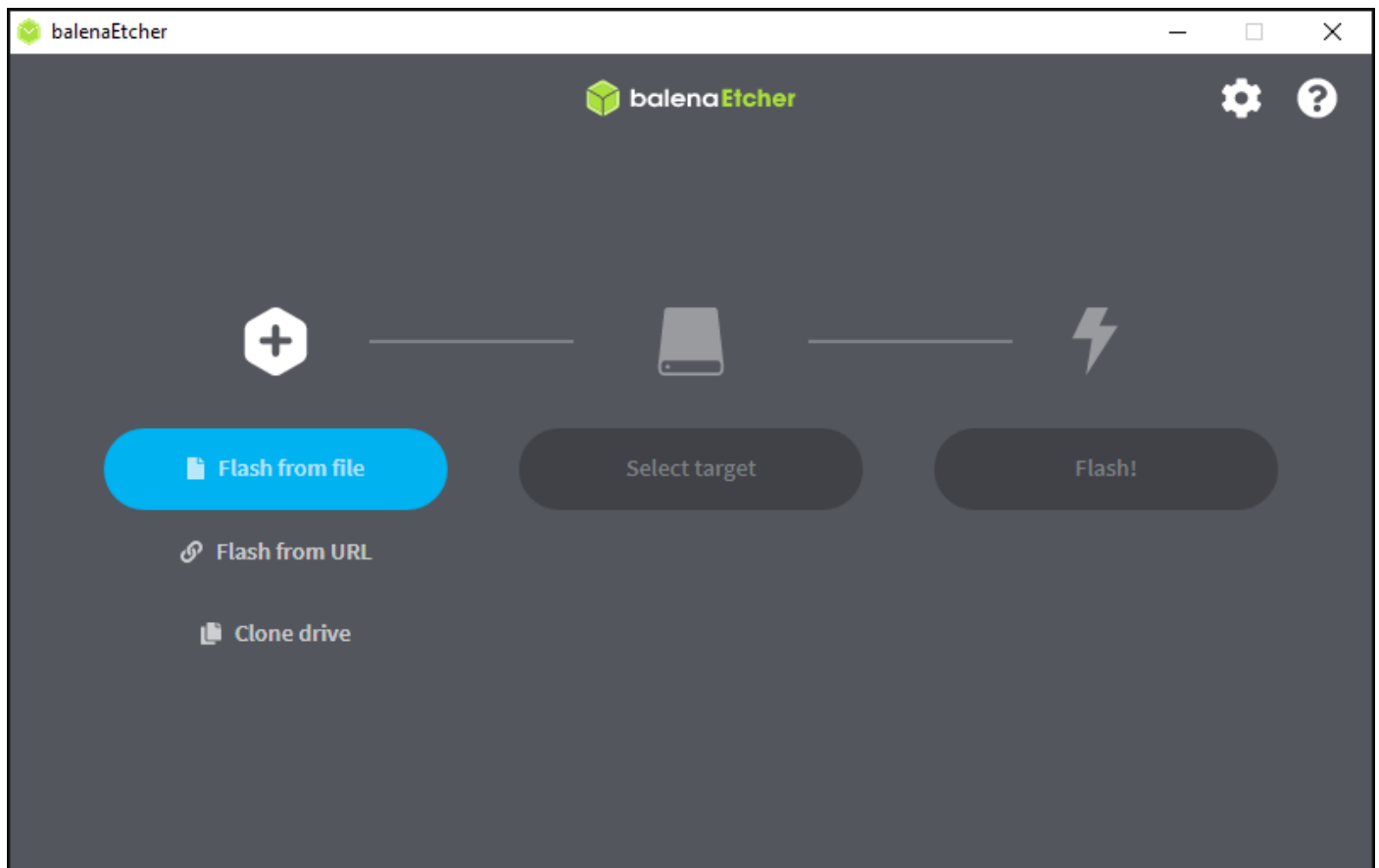
2nd. install 7zip.

3rd. Right-click on the **MSXPiV11.7z** file to extract the disk image.

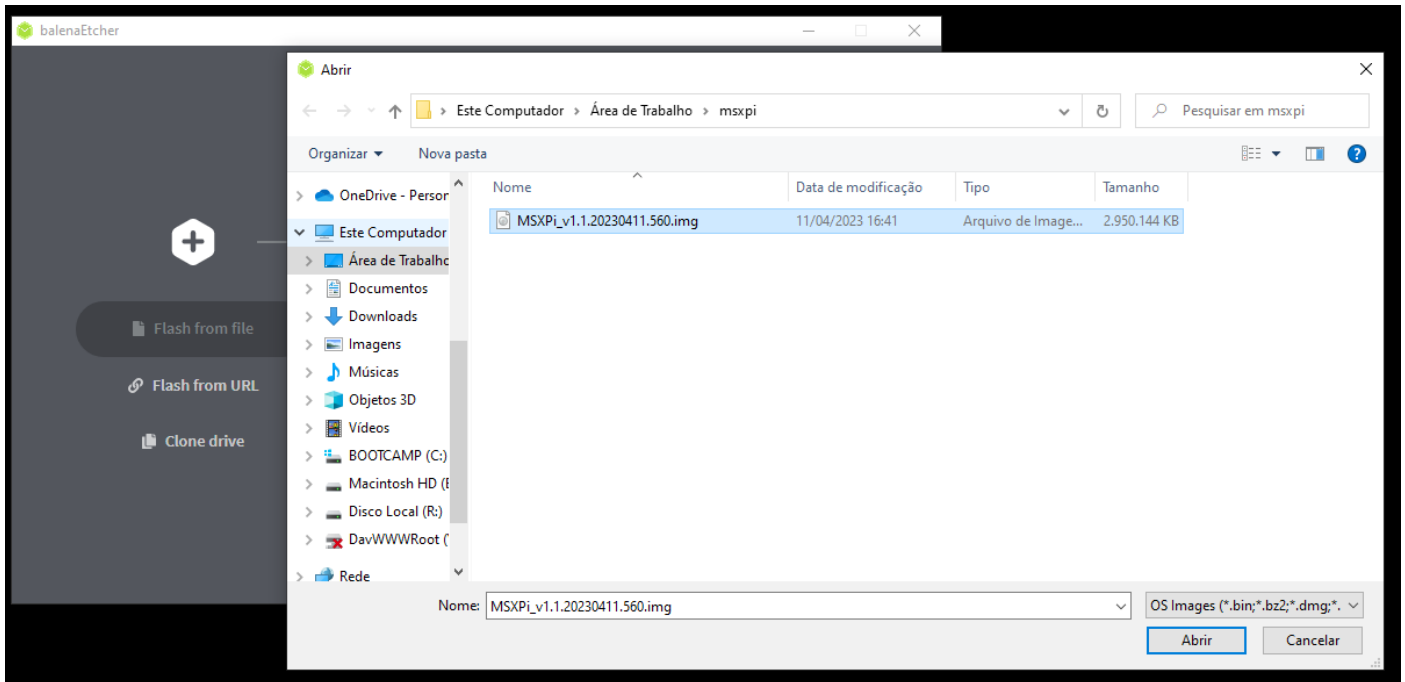




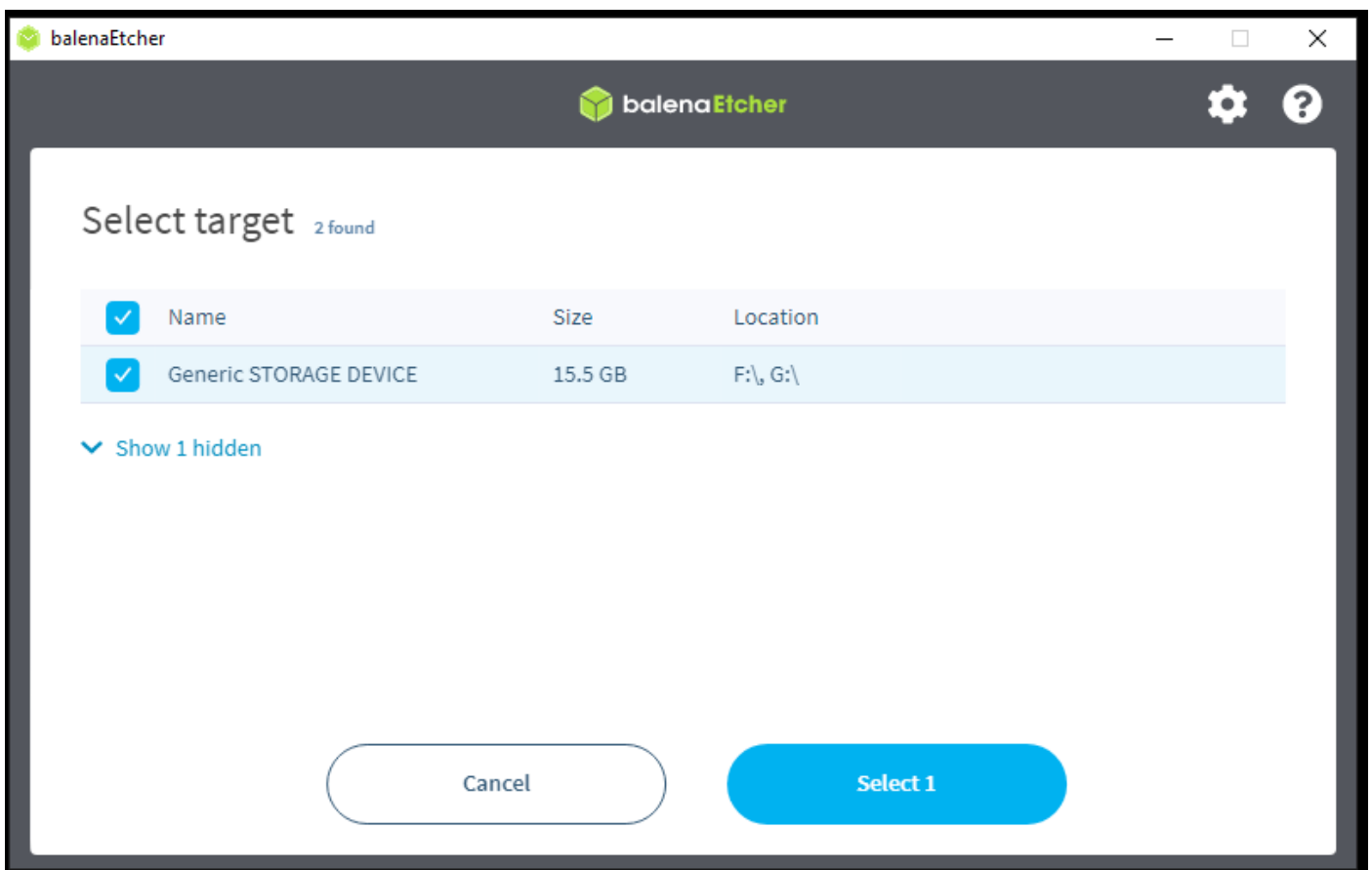
4th. Install **balenaEtcher** and run it



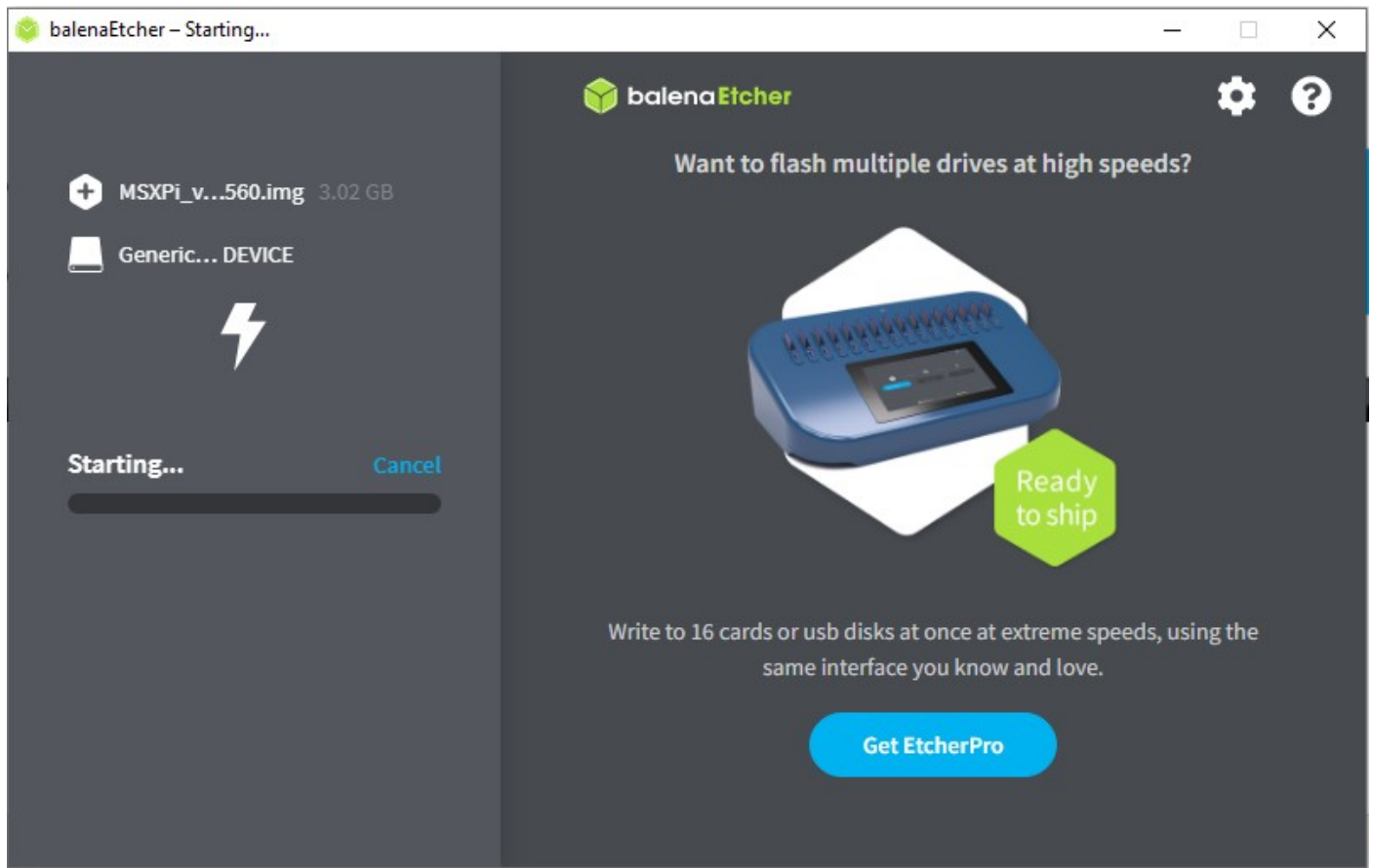
5th. Click **Flash from file** and choose the image file that was extracted.



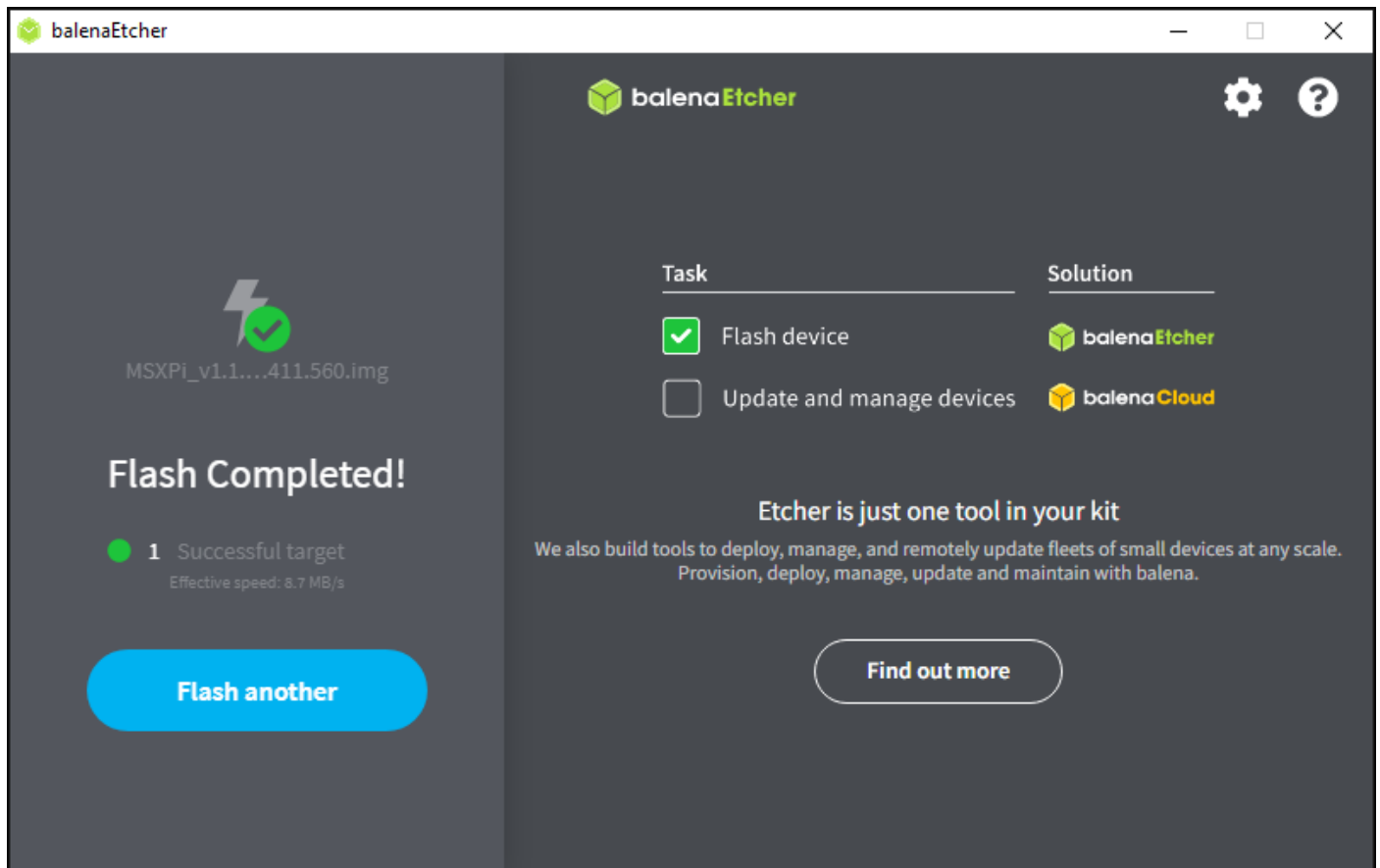
6th. Click on **Select target** and in the window that opens, choose the micro SD card for recording



7th. Now, click on **Flash** and wait for the installation to finish. If asked for access permission, click ok.



Once the installation is complete, you already have your micro SD card ready to use on MSXPi.



Remove the card from your computer, insert it into your MSXPi cartridge.

You now have an MSXPi ready to use.

The next step is to install the commands in the MSXDOS part to access the MSXPi and put the MSXPi on your WiFi network.

(see project website for more details).

This document is an integral part of the MSXPi project – by Ronivon Costa ([GitHub - costarc/MSXPi: Interface for MSX to Connect and use Raspberry Pi resources](#))

