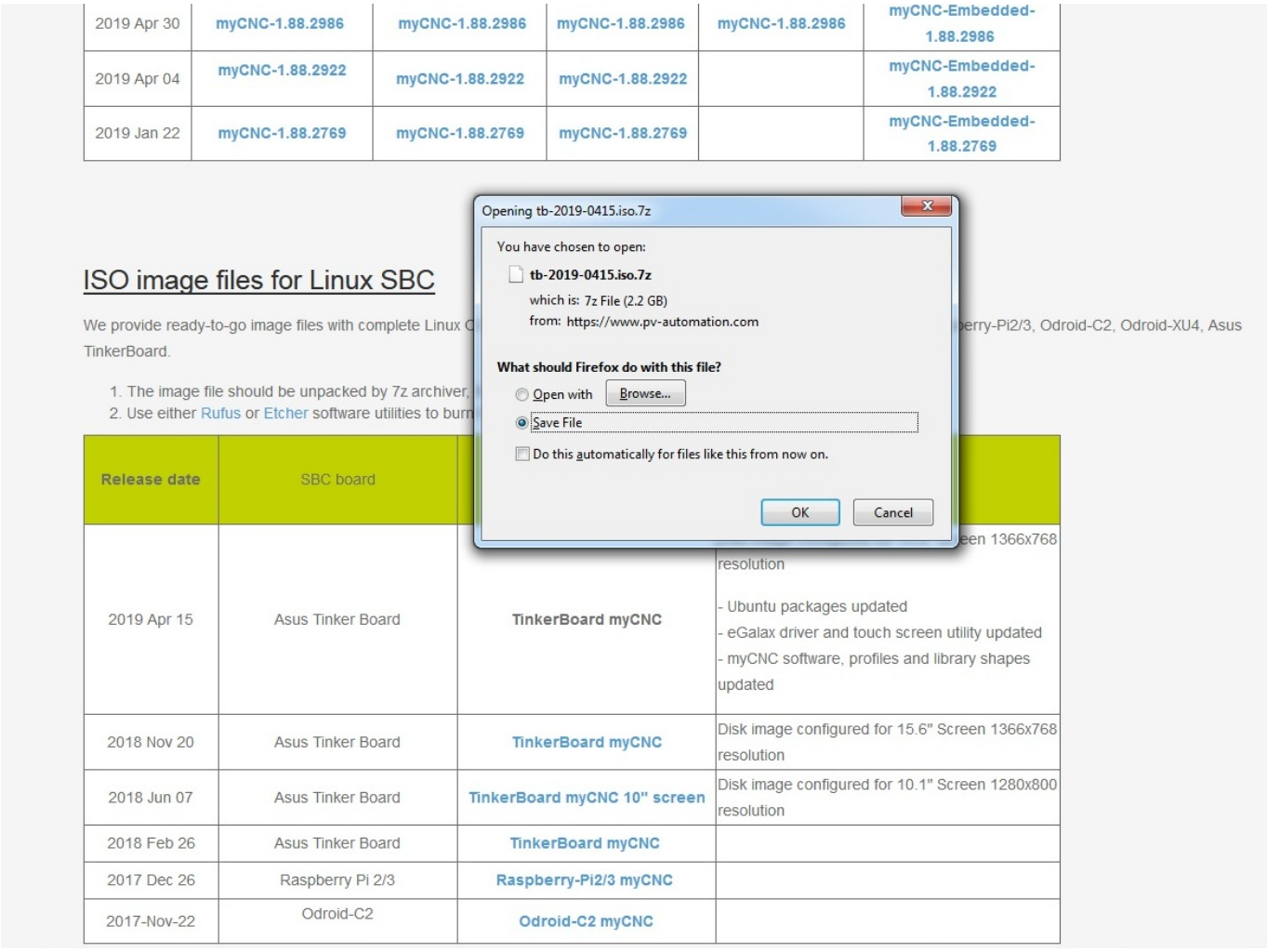
Intalling the provided myCNC Linux ISO on a Tinkerboard SBC

This manual outlines the installation process of a ready-to-go image file with complete Linux OS and myCNC software installed for the Asus TinkerBoard Single Board Computer.

Burning the ISO onto a microSD card

In order to install the ISO file provided on the main website's Downloads page onto a Tinkerboard Single Board Computer, in must first be flashed onto a microSD card. In order to do so, please follow the instructions below:

1. Download the latest Tinkerboard ISO image file from the Downloads page. This file can be found under the **ISO image files for Linux SBC**.



2019 Apr 30	myCNC-1.88.2986	myCNC-1.88.2986	myCNC-1.88.2986	myCNC-1.88.2986	myCNC-Embedded-1.88.2986
2019 Apr 04	myCNC-1.88.2922	myCNC-1.88.2922	myCNC-1.88.2922		myCNC-Embedded-1.88.2922
2019 Jan 22	myCNC-1.88.2769	myCNC-1.88.2769	myCNC-1.88.2769		myCNC-Embedded-1.88.2769

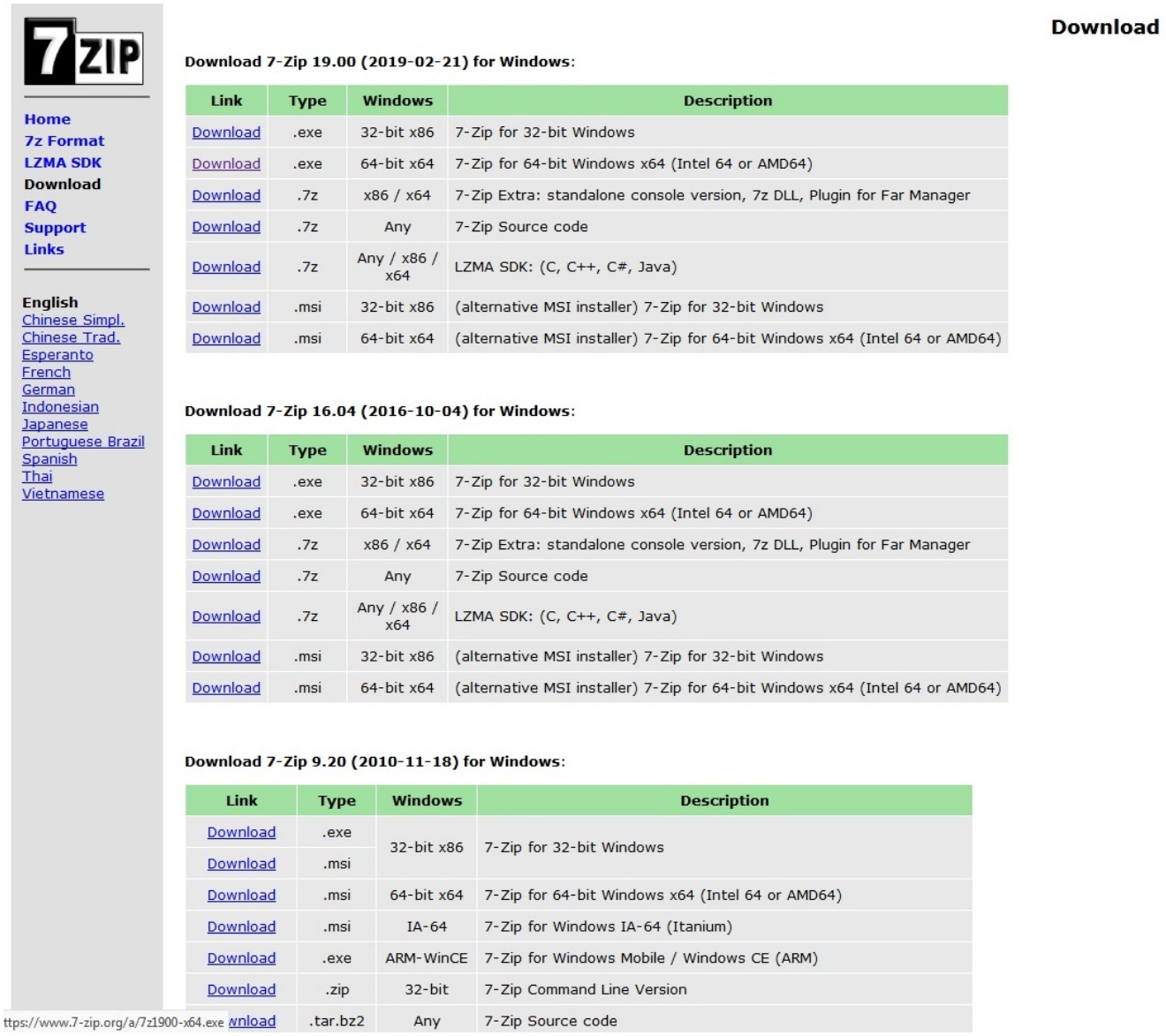
ISO image files for Linux SBC

We provide ready-to-go image files with complete Linux C erry-Pi2/3, Odroid-C2, Odroid-XU4, Asus TinkerBoard.

1. The image file should be unpacked by 7z archiver,
2. Use either Rufus or Etcher software utilities to burn

Release date	SBC board		
2019 Apr 15	Asus Tinker Board	TinkerBoard myCNC	een 1366x768 resolution - Ubuntu packages updated - eGalax driver and touch screen utility updated - myCNC software, profiles and library shapes updated
2018 Nov 20	Asus Tinker Board	TinkerBoard myCNC	Disk image configured for 15.6" Screen 1366x768 resolution
2018 Jun 07	Asus Tinker Board	TinkerBoard myCNC 10" screen	Disk image configured for 10.1" Screen 1280x800 resolution
2018 Feb 26	Asus Tinker Board	TinkerBoard myCNC	
2017 Dec 26	Raspberry Pi 2/3	Raspberry-Pi2/3 myCNC	
2017-Nov-22	Odroid-C2	Odroid-C2 myCNC	

2. Download and install the 7-Zip File Archiver onto your machine. This will be used to unpack the downloaded image file archive.



7-Zip

Home
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LZMA SDK
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English
Chinese Simpl.
Chinese Trad.
Esperanto
French
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Thai
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Download 7-Zip 19.00 (2019-02-21) for Windows:

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

Download 7-Zip 16.04 (2016-10-04) for Windows:

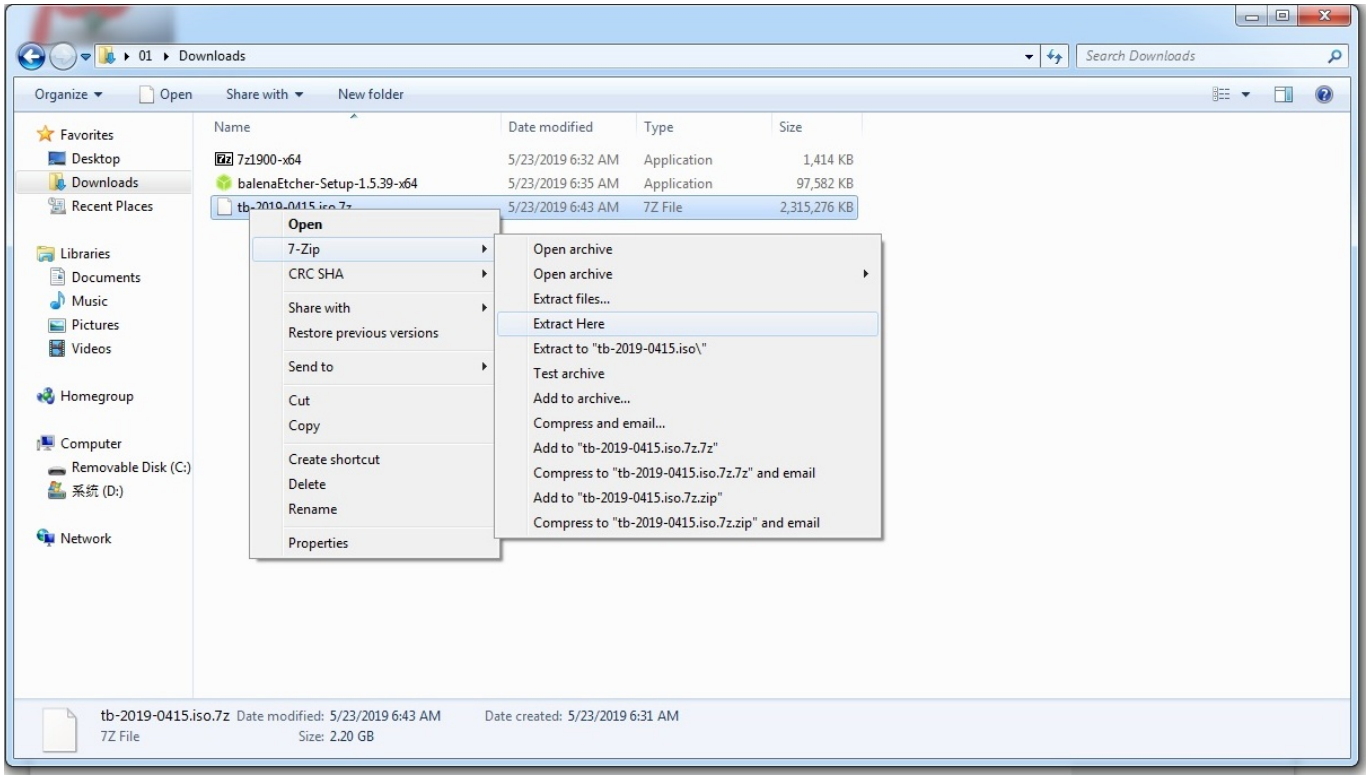
Link	Type	Windows	Description
Download	.exe	32-bit x86	7-Zip for 32-bit Windows
Download	.exe	64-bit x64	7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
Download	.7z	x86 / x64	7-Zip Extra: standalone console version, 7z DLL, Plugin for Far Manager
Download	.7z	Any	7-Zip Source code
Download	.7z	Any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

Download 7-Zip 9.20 (2010-11-18) for Windows:

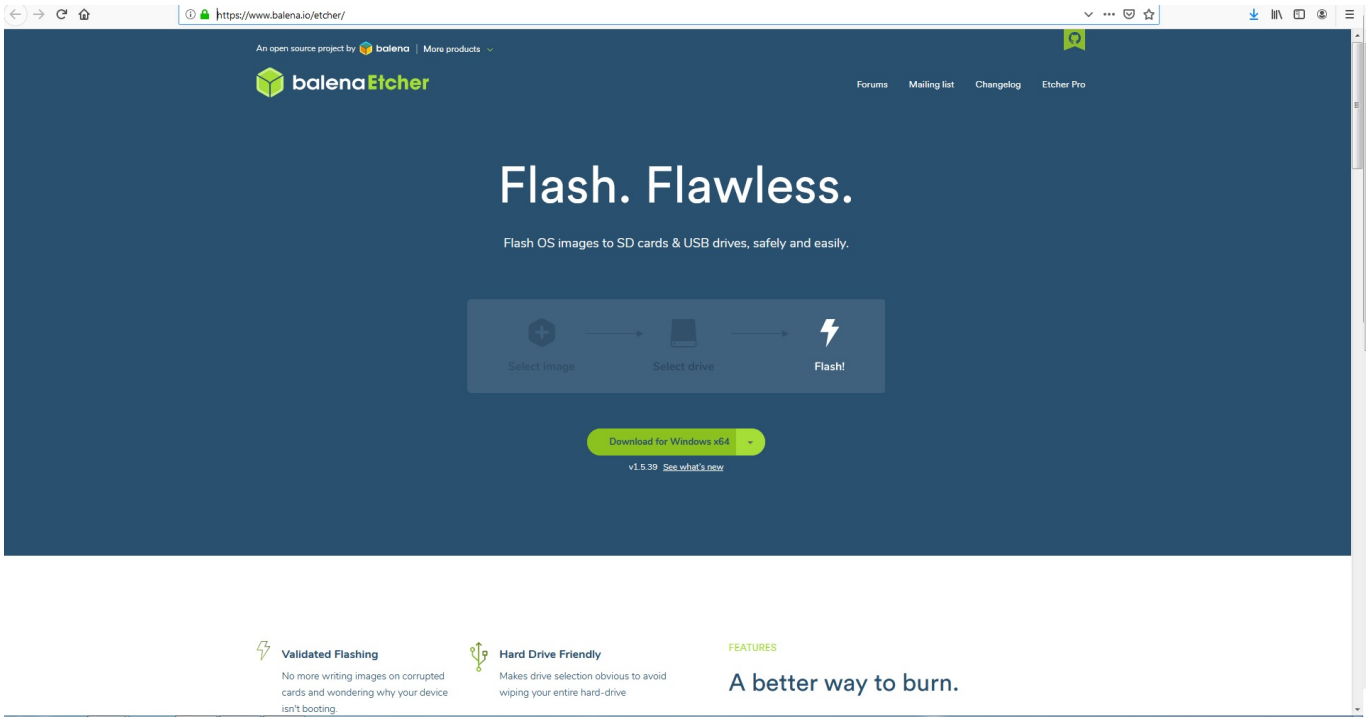
Link	Type	Windows	Description
Download	.exe	32-bit x86	7-Zip for 32-bit Windows
Download	.msi		
Download	.msi	64-bit x64	7-Zip for 64-bit Windows x64 (Intel 64 or AMD64)
Download	.msi	IA-64	7-Zip for Windows IA-64 (Itanium)
Download	.exe	ARM-WinCE	7-Zip for Windows Mobile / Windows CE (ARM)
Download	.zip	32-bit	7-Zip Command Line Version
wnload	.tar.bz2	Any	7-Zip Source code

ttps://www.7-zip.org/a/7z1900-x64.exe

3. Right-click the Tinkerboard ISO image file in your Downloads folder, and then select **7-Zip > Extract Here** (if for any reason you need to unpack it to a different folder, click 7-Zip > Extract Files). The file unpacking process should begin shortly.



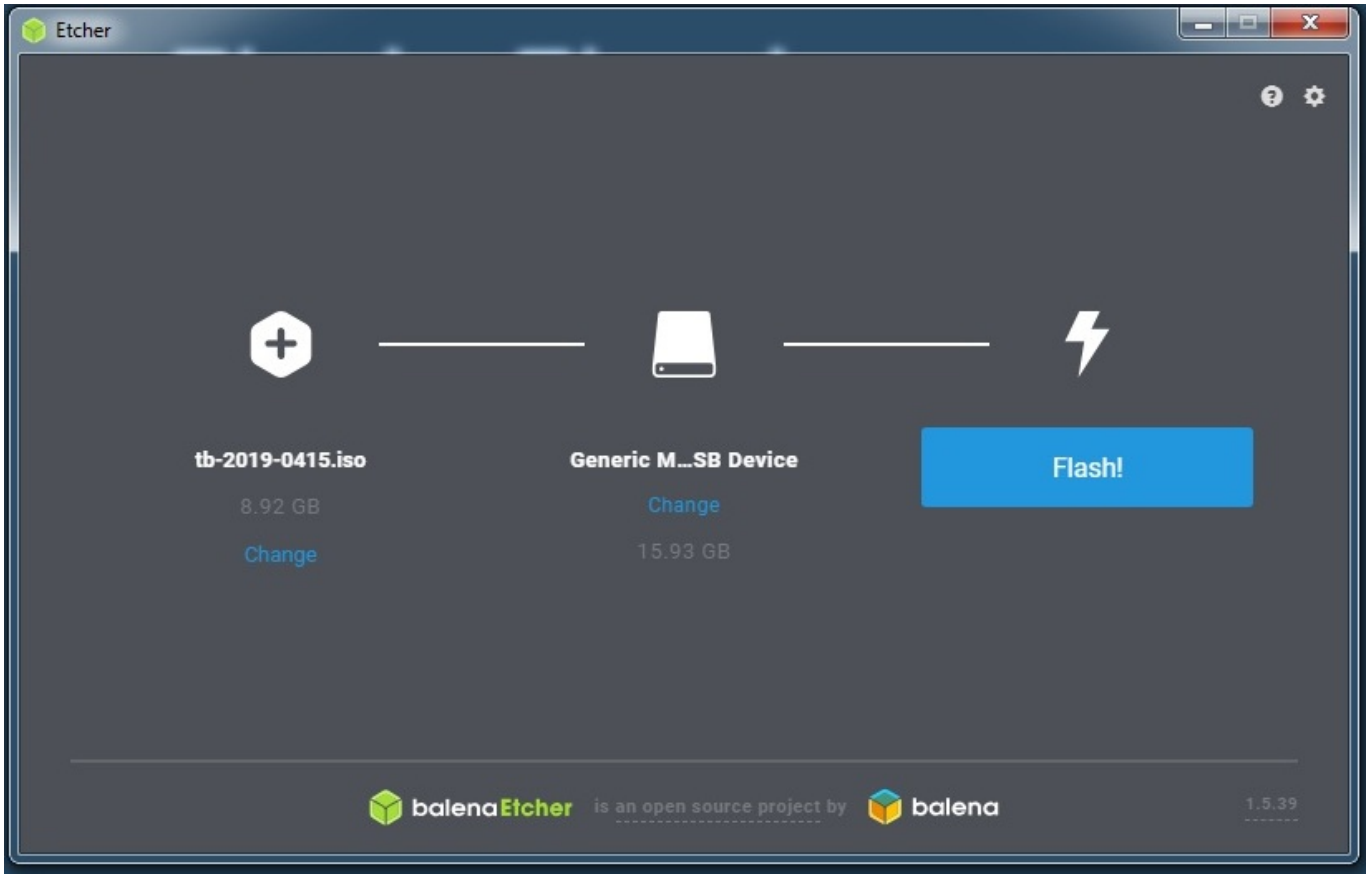
4. Download and install the Etcher program from the balenaEtcher website. This program will allow you to burn an ISO file onto a microSD card.



5. Insert the microSD card into the computer. A dedicated card reader is used in our particular setup, as the computer does not have a special microSD card slot.



6. Open balenaEtcher, select the image file that has been unpacked, and the microSD drive to which you want to burn it on, then press **Flash**. The process will begin momentarily.

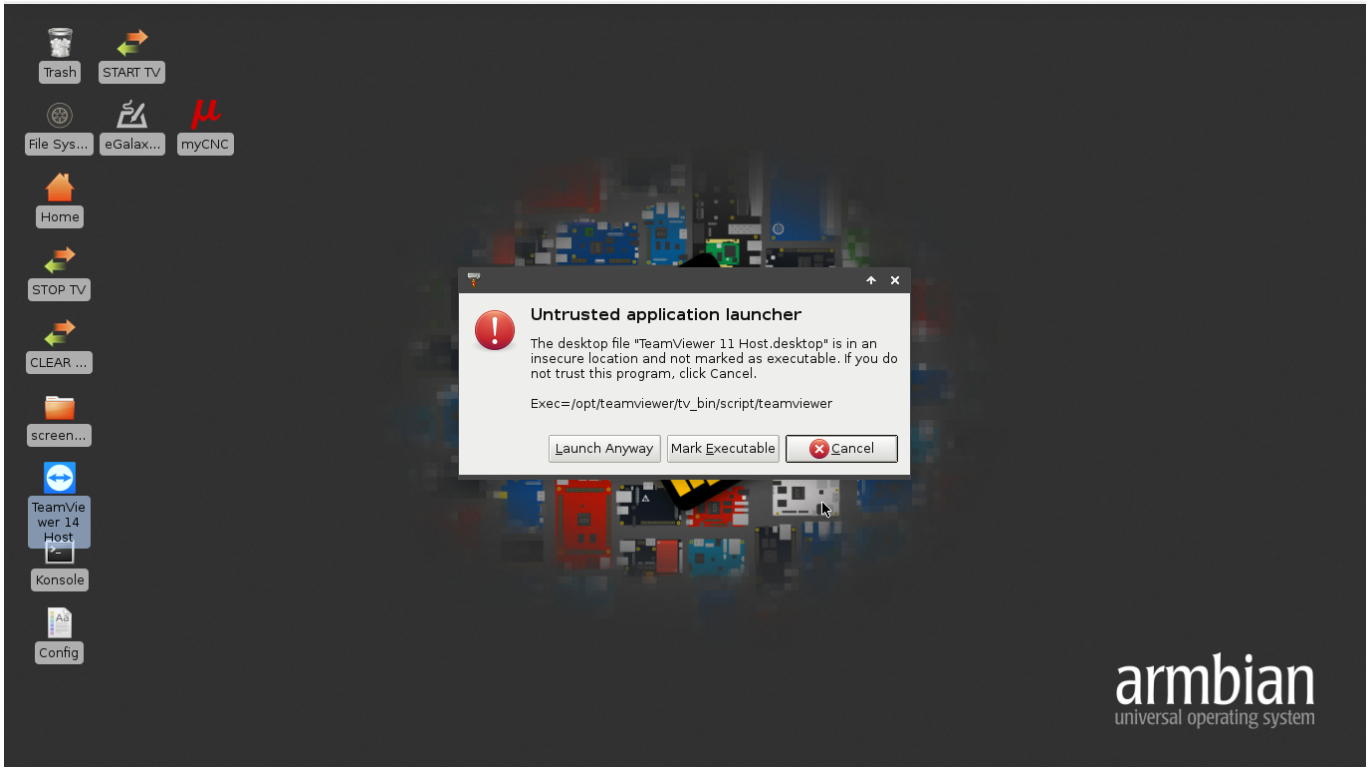


After the image file has been flashed onto the microSD card, it can now be inserted ino the TinkerBoard computer to use the myCNC configured Linux system.

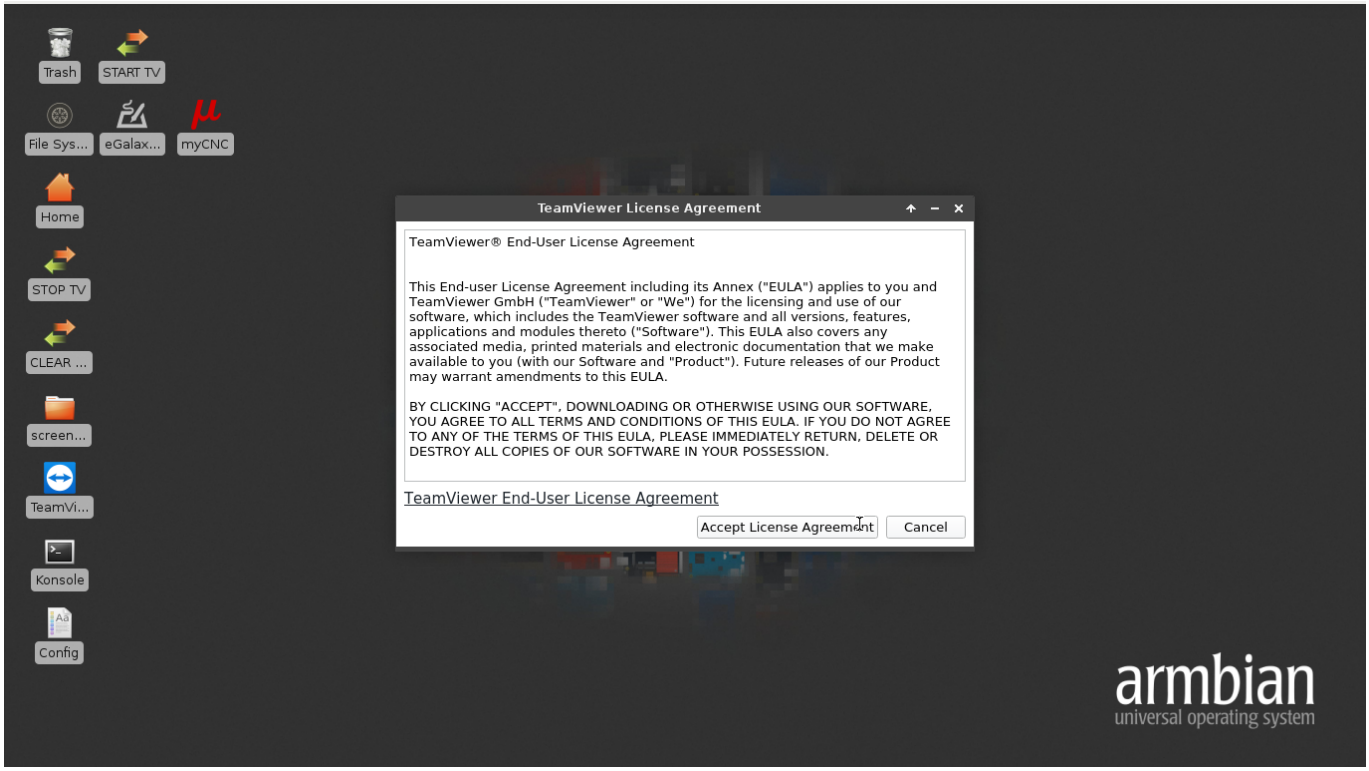
Setting up TeamViewer on an Asus TinkerBoard SBC

In order to set up the TeamViewer application, please follow the instructions below:

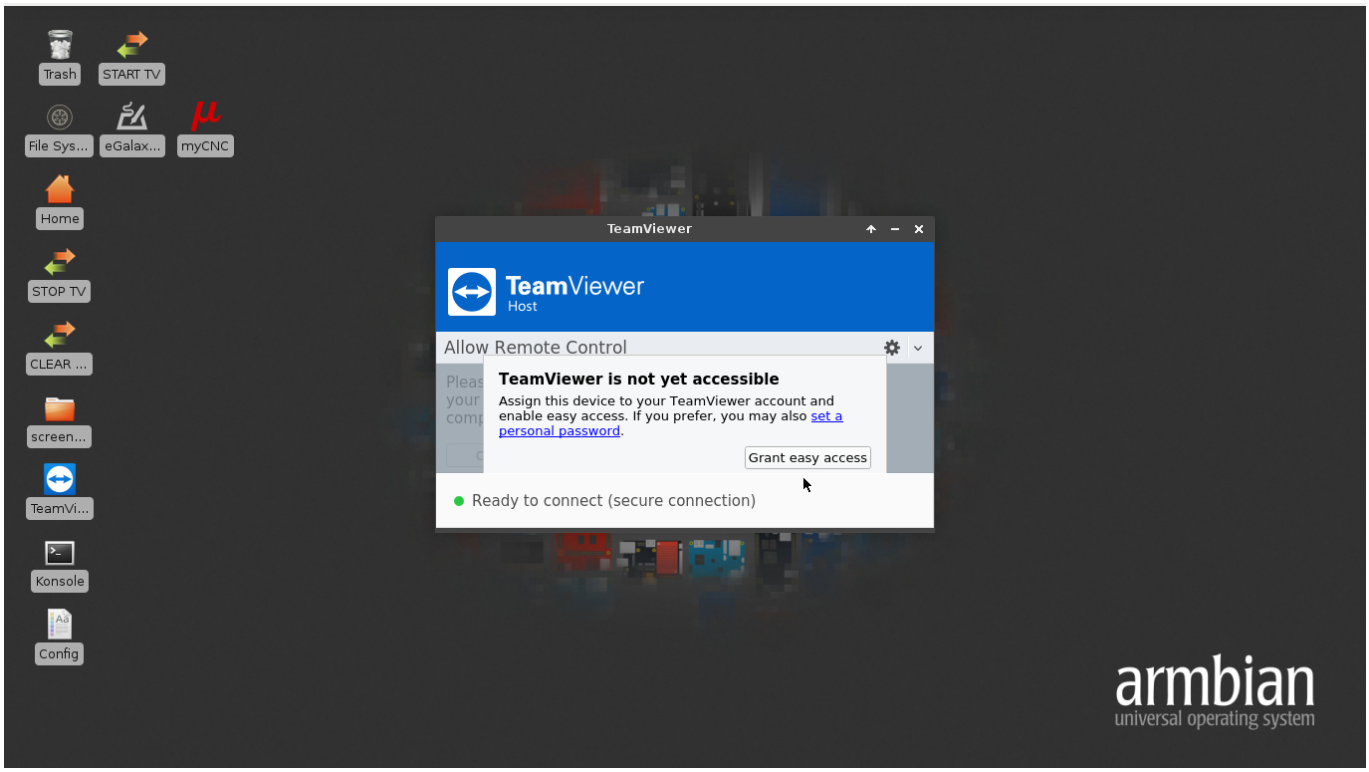
1. Double-click the TeamViewer icon on your desktop to open it and select the **Mark Executable** option.



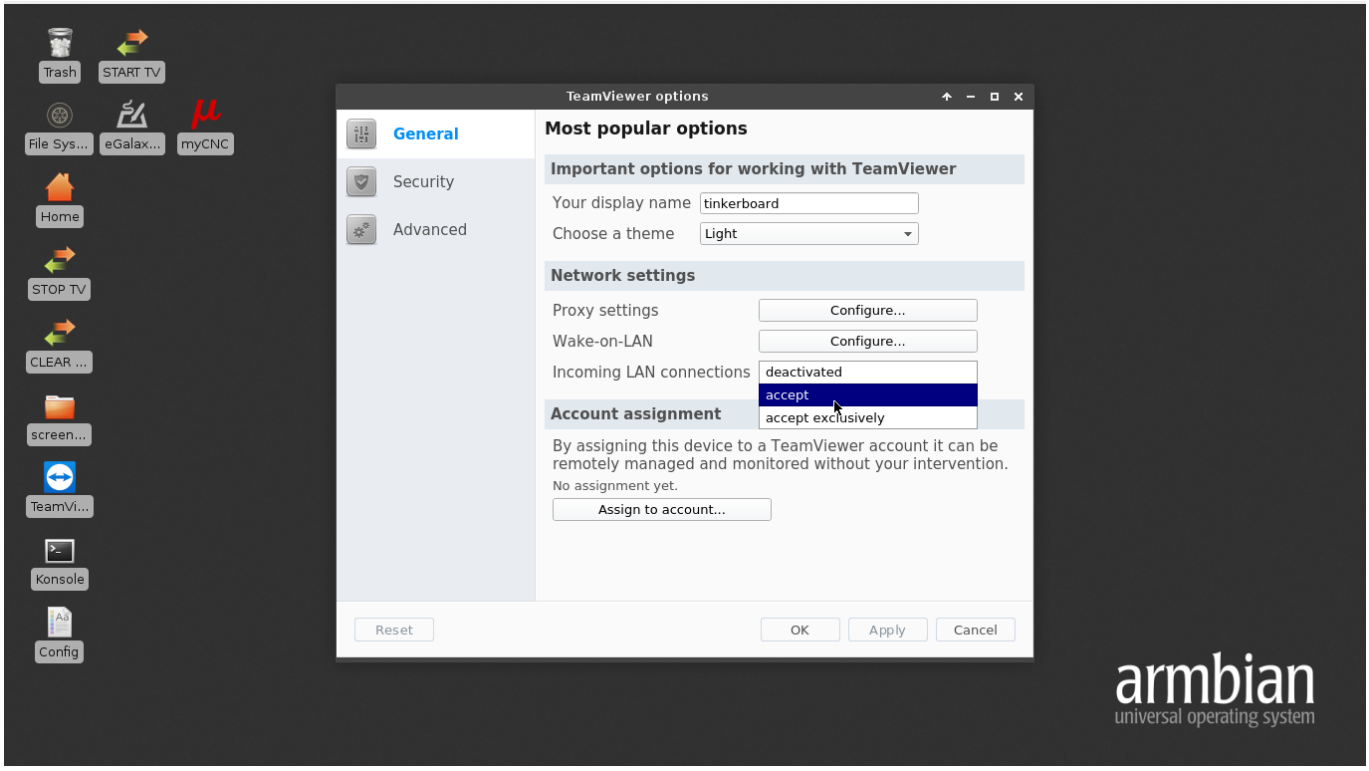
2. Click **Accept License Agreement**



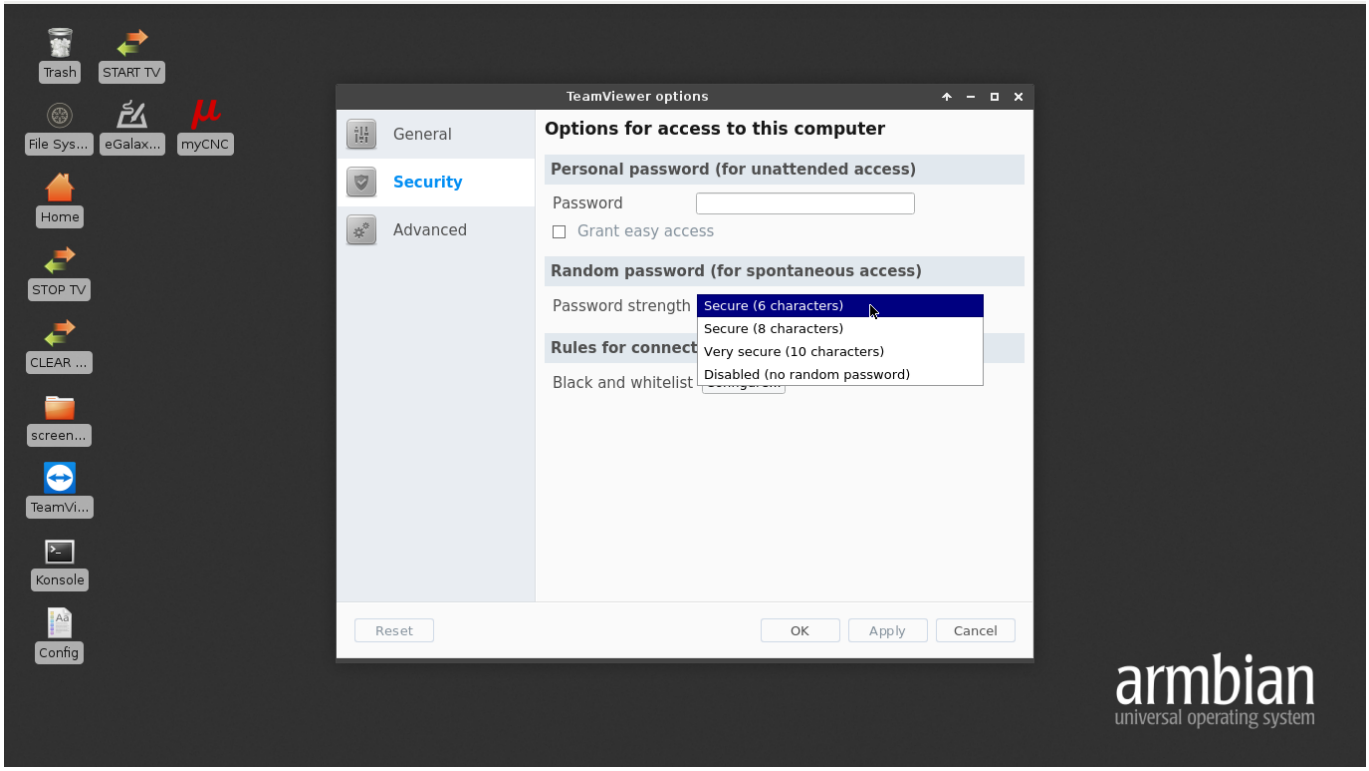
3. The following window will pop up, notifying you that TeamViewer is not yet accessible. Go to the **Settings** menu (the gear button in the top-right corner).



4. Go to **General > Network Settings** and select **accept** in the **Incoming LAN connections** field.



5. Go to **Security** and select **Secure (6 characters)** in the **Password strength** field.



6. Click **OK**. The TeamViewer ID and password should now appear on the main screen of the TeamViewer application, and the setup should be complete.

From:
http://cnc42.com/ - **myCNC Online Documentation**

Permanent link:
http://cnc42.com/quickstart/mycnc-quick-start/installing-iso-sbc-tinkerboard?rev=1558625108

Last update: **2019/05/23 11:25**