# Setting up DGT Centaur Mods from Windows using the new setup tool

## Step 1

You need to have a blank SD card, or one you don't mind overwriting. First you need to put the Raspbian OS on it. To do that go to: https://www.raspberrypi.com/software/ and download and run the imager. You will get a screen like this:



First click on "Choose OS".

Select "Raspberry Pi OS (other)".



And Raspberry Pi OS Lite (32-bit).

You'll be back at the start screen for the tool. Make sure your sd card is inserted into your PC and choose "Choose Storage". Select your sd-card.

On the bottom right of the window you will now see a little cog.
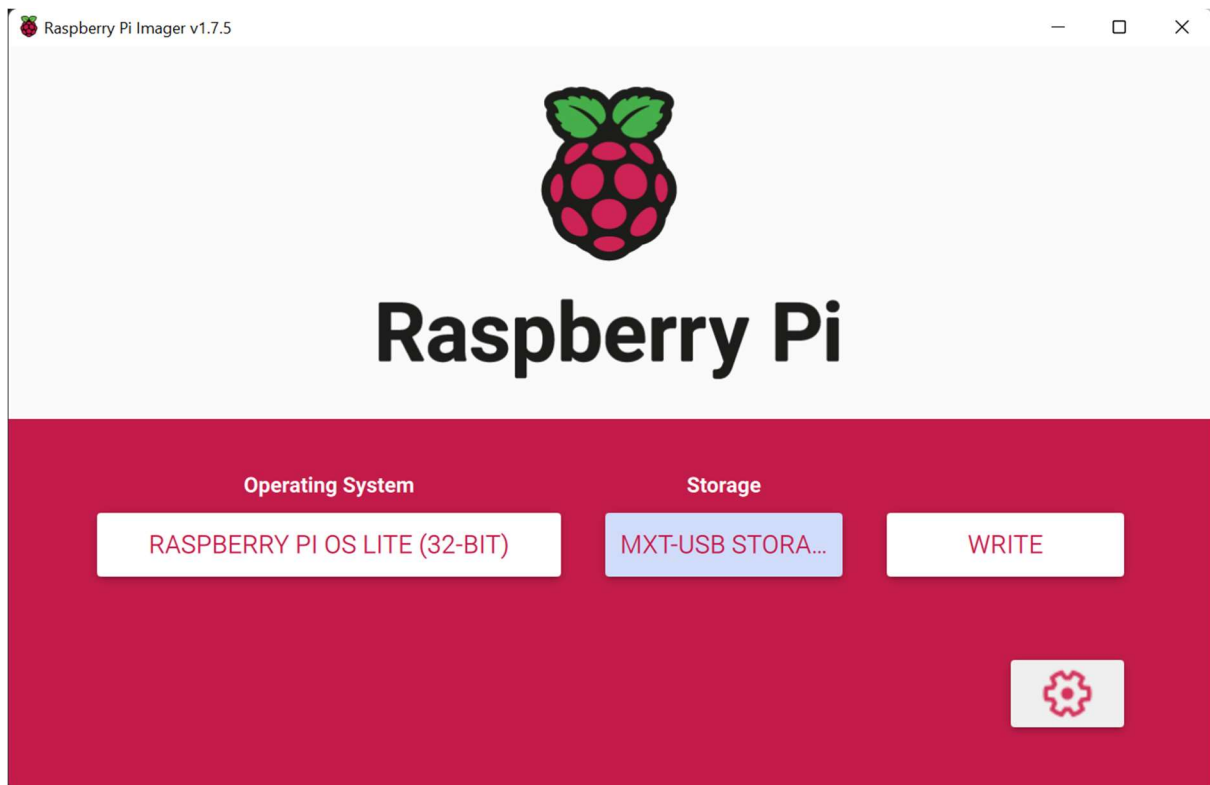


Click it.

Make sure Set hostname is ticked. Set the hostname to:  centaur

Tick Enable SSH

Tick Set username and password. Make the username    pi    and set the password to anything you like (something you can remember!)

Tick Configure Wireless Lan. Make sure it has your correct Wireless SSID and Password.

Save these settings and you're ready to click write.

The imager will take a while to write an image to your SD card and verify it.

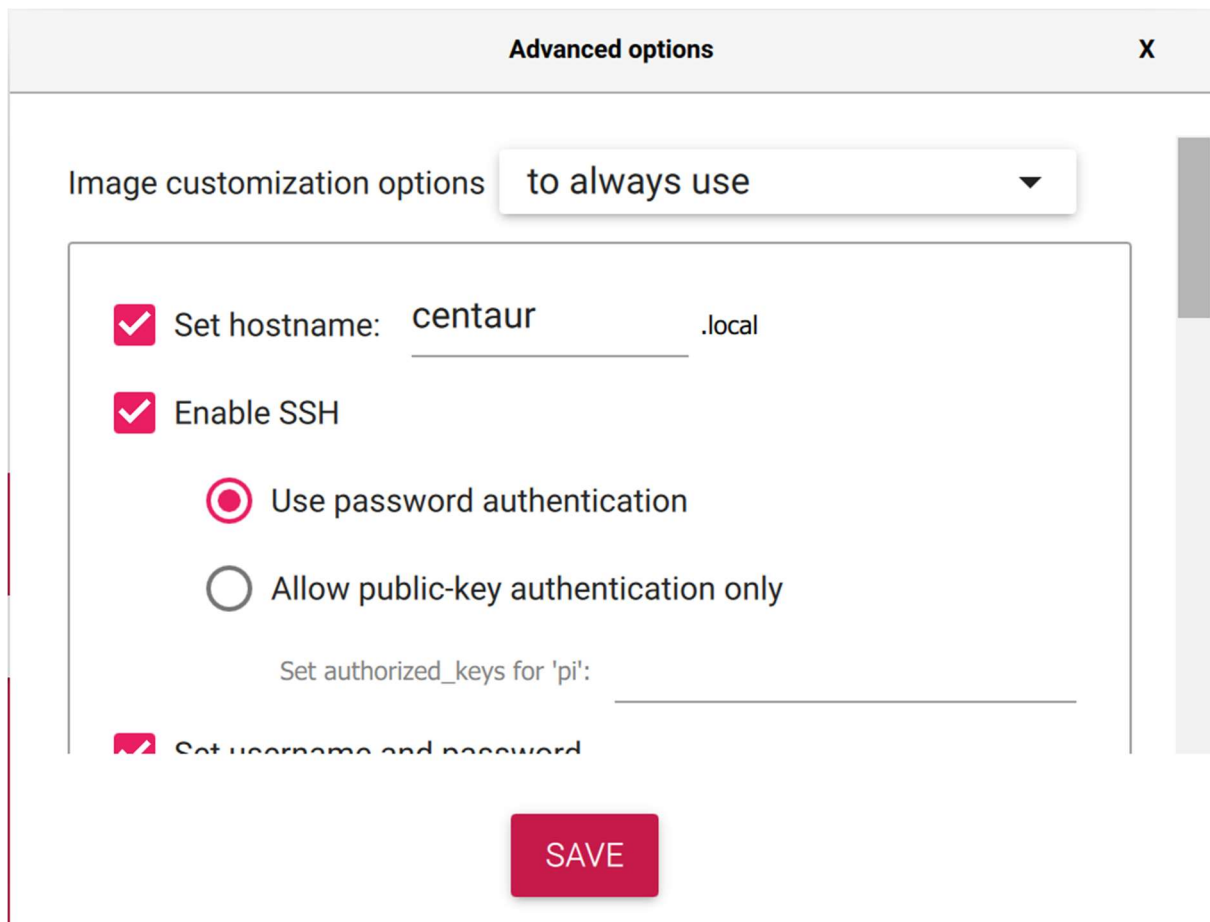**When it is done, close the raspberry pi imager and take the SD card out of your computer.**

## Step 2

Download the DGT Mods Card Setup Tool for Windows from the following link:

https://drive.google.com/file/d/1AW4wa7S6wDVB2XkLqyTdZbZEWt63wmRD/view?usp=sharing

And install it. Once installed there will be a program called "DGT Centaur Mods Card Setup Tool" on your start menu. You can click the windows icon and search for it. Run that:
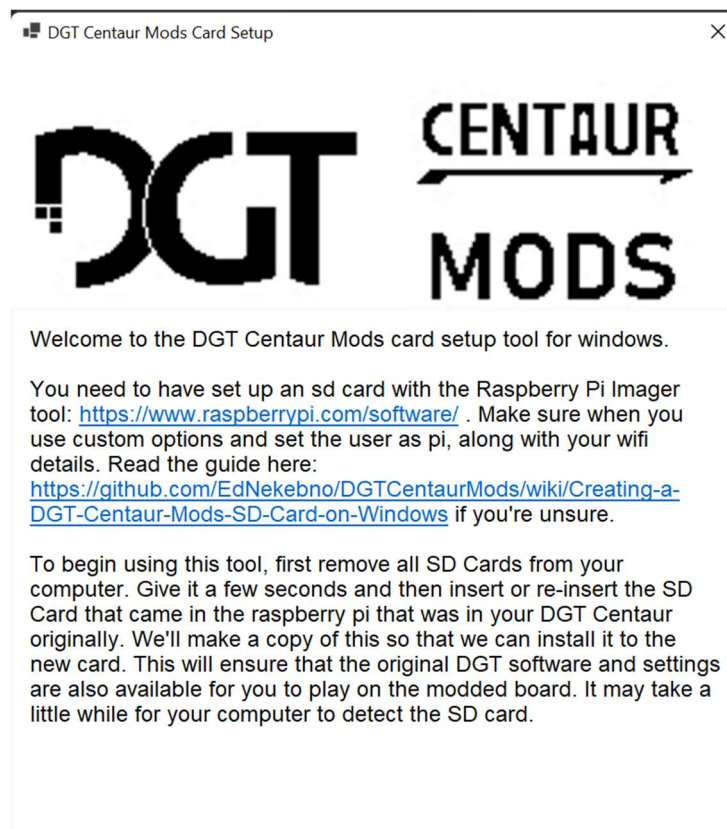


This tool is expressly for installing the official DGT Centaur Mods project at https://github.com/EdNekebno/DGTCentaurMods .

## Step 3

The next step is to backup the original centaur software and settings for the board. To do this you need the SD Card that was in the Raspberry Pi Zero in your board originally. Take this and insert it into the computer. Wait a few seconds and the screen will change:
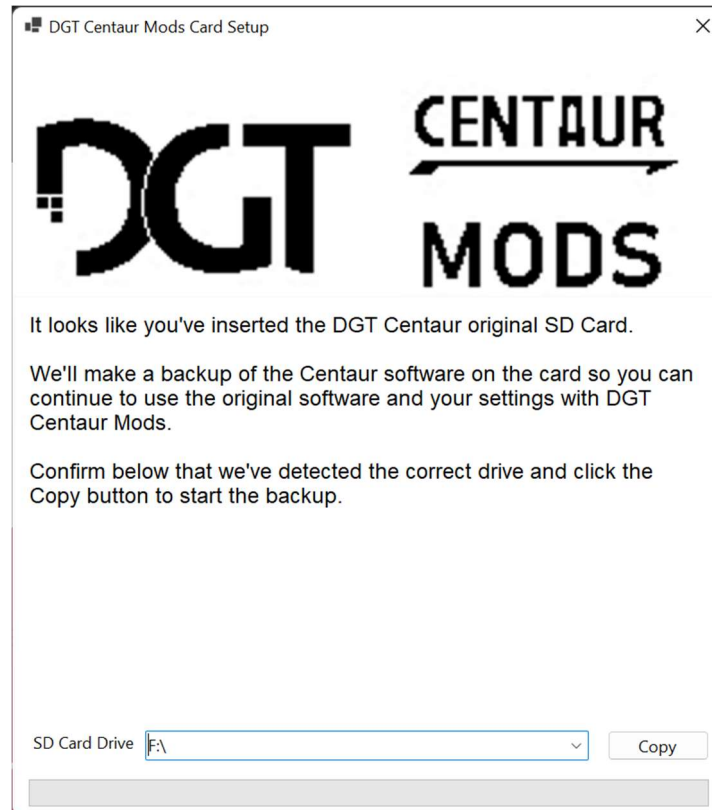


Confirm that the tool has found the right drive and then Click the "Copy" button to make a backup of your original DGT Centaur card settings.
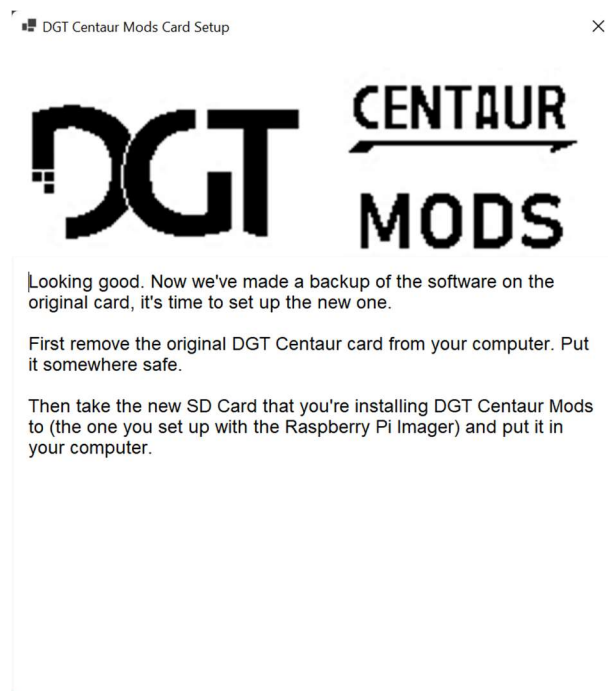
Now remove the SD-card and keep it somewhere safe (probably with the original Raspberry Pi!)

## Step 4
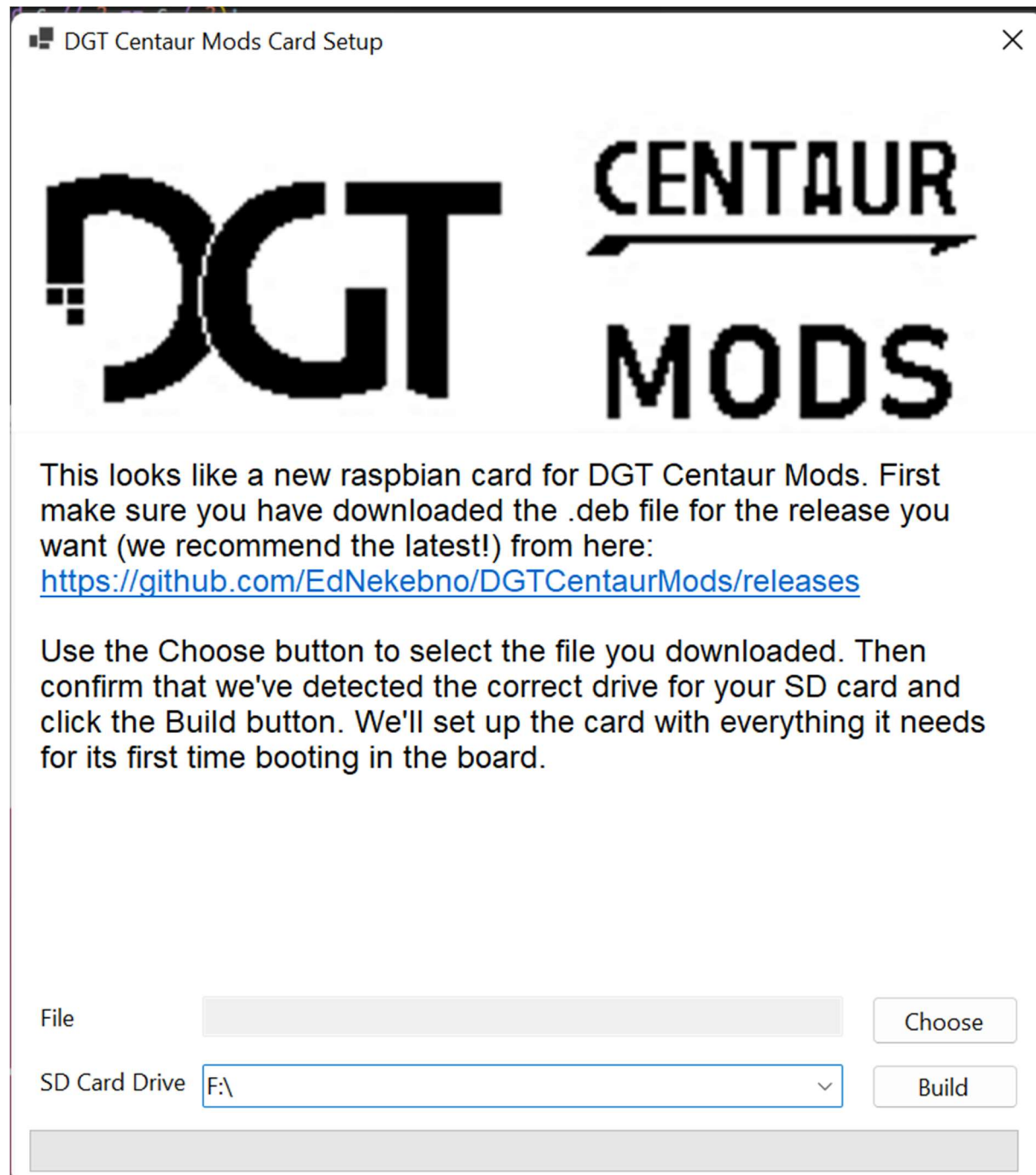
Take the new SD-card, the one you installed Raspbian on, and insert it into the PC. Once again wait a few seconds and the screen will change:



This stage is going to copy the centaur backup to your new card and set it up ready to install DGT Centaur Mods. To do that you first need a .deb file. Go to: https://github.com/EdNekebno/DGTCentaurMods/releases in your browser and download

the .deb file for the release you want (we suggest you get the latest one!). Then back in the tool click the "Choose" button and find navigate to where you saved it.

Check again that it's chosen the correct drive and then click the Build button to begin the process.
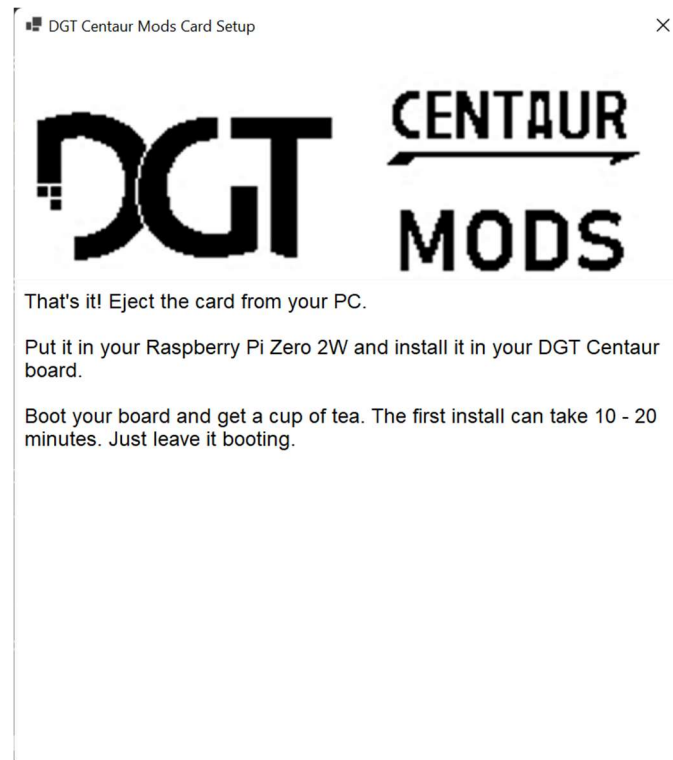


We recommend you eject your usb drive from windows properly, but nobody ever does so do what everyone else does when it says it's done and wait 10 seconds or so, close the program, and retrieve your SD card.

## Step 5

You're basically there. Your card now has everything it needs. Put it into your Raspberry Pi Zero 2W in your board (be careful, the screen is delicate, don't crack it!). Now everything is ready to go. Turn your DGT Centaur on.

Your DGT Centaur is now doing something we call firstboot. In the firstboot it does lots of work to set up your configuration ready for use. It can take 10-20 minutes. So be patient and get a cup of tea! Eventually you'll hear a beep and the epaper will show the DGT Centaur Mods start screen and you're ready to go.