

1. Flash USB drive with Ventoy

Now, the first thing we will take a look at before installing any OS on bare metal is the program called Ventoy. Now, why is this program important ? Well for any operating system install you will need a USB stick on which the OS lives that can then be transfered to your laptop/pc/server etcetera. Now, before Ventoy this meant that for each OS you needed a seperate USB drive or you needed to delete the OS that was on the USB stick and then install the new one. Well with Ventoy no more ! Ventoy allows you to install multiple OS's just on one USB stick. In this way you can always carry around all the OS's your USB stick has capacity for. The installation of Ventoy can be done via either Windows, Mac or Linux. Since, we are focused on open source we will demonstrate here how to do it on a linux system, but on the other operating systems it is sort of similar.

1. First go to ventoy.net
2. Click on Downloads
3. Select your operating system
4. You are then brought to a SOURCEFORGE Page where you can download the ventoy iso
5. We then want to choose the **.tar.gz** version
6. I would then recommend to save the ventoy .tar.gz under an ISO folder where you will also keep all your other ISO's in the future. All of these ISO's can always be found online but if you are in some situation with a slow or no internet connection then it is handy to have already saved them.
7. What's next is unzip the file -> then click on anything that ends with x86_64. This will start the GUI to install ventory on your USB stick
8. Select the richt USB stick
9. Hit Install
10. After installing you should remove the USB stick and plug it back in for your computer to recognize it
11. After that you can simply drag and drop iso files into the Ventoy USB stick.
12. Then once you pop open a new install on a machine you have the option to boot from all the ISO images you have stored on it.

Revision #1

Created 2026-07-05 23:56:38 UTC by dpasn

Updated 2026-07-05 23:56:38 UTC by dpasn