

Installation Guide Part I - Install Ubuntu 22.04

This procedure explains how to make a bootable USB stick and install Ubuntu 22.04 with the required settings for a smooth PathoSense set up.

It is recommended to follow the installation along with this document and the **provided video presentations**.

Prerequisites

- All of the materials from the material list IT are present, the computer is ready to install.
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I.I Create a bootable USB stick

A bootable USB stick containing Ubuntu 22.04 is required for the installation on the target computer. This bootable USB stick can be created on any other computer. If you are using a Windows computer, follow the steps in section I.I.A below. In case you want to make the bootable USB stick from Linux, follow the steps in section I.I.B.

I.I.A Create a bootable USB stick on Windows

Follow the steps from the following guide:

<https://ubuntu.com/tutorials/create-a-usb-stick-on-windows#1-overview>

1. Install the latest version of Rufus
2. Download the Ubuntu 22.04 ISO file
3. Launch Rufus
4. Insert your USB stick
5. Normally, Rufus will detect the USB stick and automatically show it as device. If this is incorrect, use the dropdown menu to select the correct one.
6. Click 'SELECT' to the right of "Boot selection" and select your downloaded Ubuntu ISO file
7. Click Open
8. Start > OK > OK
9. Close

I.I.B Create a bootable USB stick on Linux

If you already created your bootable USB stick in Windows, skip to step I.II.

To make a bootable USB stick from Linux, follow the steps from this guide:

<https://ubuntu.com/tutorials/create-a-usb-stick-on-ubuntu#1-overview>

1. Download the Ubuntu 22.04 ISO file
2. Insert your USB stick
3. Open Startup Disk Creator
4. Select your USB stick as the device and the downloaded ISO file as the image
5. Make Startup Disk
6. Press quit

I.II Install Ubuntu 22.04

Make sure **all data that is on this computer is backed up**, and **no important data** is present on the computer.

All files and programs present in the current operating system **will be erased** during this installation process.

1. Insert the bootable USB stick you created in section I.I
2. Enter the boot menu.
 - a. On Windows: click the windows button, click the shutdown button and hold the shift key while you press restart.
 - b. On Linux: restart the PC and hold the Boot menu key. This key will vary depending on your device. Some common boot keys:
 - Acer: Del or F2
 - Asus: F9
 - Dell: F12
 - HP: Esc or F10
 - Lenovo: F1 or F2
 - Samsung: F2
3. In the boot menu, click and drag your bootable USB to the top of the boot priority section, so the computer will boot from this USB drive.
4. Save and exit.
5. On startup, the PC should enter the Ubuntu installer. Choose Install Ubuntu.
6. Choose the correct keyboard layout
7. Continue
8. In the Updates and other Software, check the '**Install third-party software**' checkbox.

!This is very important for the correct installation of your GPU!

9. Continue
10. Choose to erase your current operating system and reinstall.

!This will remove all programs, documents,... from the computer so make sure everything that is on the computer is backed up before you do this!

11. Install now
12. Continue
13. Choose your correct location
14. Continue
15. Choose a name and password for the computer
16. Allow the installation to finish
17. Restart Now
18. When prompted, remove the bootable USB from the USB port and press enter
19. Log in
20. Skip connecting online accounts
21. Press Next > Next > Next > Done

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22. Open the “Software updater” tool
 23. Press “Install now” to install the latest updates
 24. Enter your password
 25. When asked to enable Ubuntu Pro, close the dialogue window
 26. Reboot

You have successfully installed ubuntu 22.04!