

Prerequisites

Required Software

To use ROS, you need to either dual-boot Ubuntu 24.04 or download Windows Subsystem For Linux (WSL). If you have a Mac, you can get away without dual-booting but it will be difficult. See the [guide to using Docker](#) for help.

Dual Booting

A good dual-booting guide can be found [here](#). It is important you install Ubuntu 24.04. You do not *need* to use a desktop environment, but if you want to run the simulator it is recommended you pick a desktop installation.

WSL

Windows Subsystem-for-Linux (WSL) is a linux kernel running in Windows. It's not quite a virtual machine, and has access to the windows filesystem. It cannot run Linux desktop applications, though you can open some windows from it (for instance you can run a Python script that opens a Pygame or OpenCV or Matplotlib window). WSL is a good choice for Windows users because you can use your Windows VSCode installation and run the simulator without having to download duplicate applications across operating systems.

Mac

Follow the [Docker container guide](#) to get setup here.

Once you have finished installing all required software, move on to the [actual installation guide](#)

Revision #2

Created 15 August 2025 00:04:27 by Daniel Brown

Updated 15 August 2025 00:15:26 by Daniel Brown