

Virtual Box VM Installation for Ubuntu 18.04

1. To Download Virtual Box go to the link provided below:

- <https://www.virtualbox.org/wiki/Downloads>
- Next click on your corresponding operating system and download the virtual box installer

VirtualBox 6.1.12 platform packages

- [Windows hosts](#)
- [OS X hosts](#)
- [Linux distributions](#)
- [Solaris hosts](#)

2. To download Ubuntu 18.04 go to the link provided below:

- <https://releases.ubuntu.com/18.04/>
- Next click on “64-bit PC (AMD64) desktop image” to download the Ubuntu 18.04 package

ubuntu[®] releases

Ubuntu 18.04.4 LTS (Bionic Beaver)

Select an image

Ubuntu is distributed on three types of images described below.

Desktop image

The desktop image allows you to try Ubuntu without changing your computer at all, and at your option to install it permanently later. This type of image is what most people will want to use. You will need at least 1024MiB of RAM to install from this image.

64-bit PC (AMD64) desktop image

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

3. Setting up Virtual Box:

- Open the virtual box package you just downloaded and install linux
- Once virtual box is installed open the application and click “new”. Refer to the next link for detailed pictures and instructions:
- <https://itsfoss.com/install-linux-in-virtualbox/>

4. Downloading ROS Melodic on Ubuntu 18.04

- ROS Melodic is compatible with Ubuntu 18.04
- Make sure to install “sudo apt install ros-melodic-desktop-full”
- Use this link to install: <http://wiki.ros.org/melodic/Installation/Ubuntu>