

1- Download Oracle VM VirtualBox

<https://www.virtualbox.org/wiki/Downloads>

Download-windows host

2- Downloads ubuntu 20.04.2

[https://old-releases.ubuntu.com/releases/20.04.2/?](https://old-releases.ubuntu.com/releases/20.04.2/?_ga=2.252754894.699435355.1657790569-133109598.1656356073)

[_ga=2.252754894.699435355.1657790569-133109598.1656356073](https://old-releases.ubuntu.com/releases/20.04.2/?_ga=2.252754894.699435355.1657790569-133109598.1656356073)

Create new virtual machine

The first Ubuntu name and Device type

And You set the memory size and file location and size

3 - Modify virtual machine setting

Video memory 128 MB Storage Select empty disk then Cd and choose a disk file

Ubuntu 20.04.2 Desktop.iso

4- Start ubuntu Linux installation

chose install ubuntu ,keyboard layout , installation type and Where are you Then name and password

5 install Ubuntu

6-Restart and login

7-Ubuntu desktop

8- open terminal

9- Install Guest Additions

1- sudo apt-get update

Write password

2-sudo apt-get upgrade

Write password

3-sudo apt install build-essential dkms linux-headers-\$(uname -r)

Write password

10-Downlod ros

<https://s-m.com.sa/ros.txt>

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