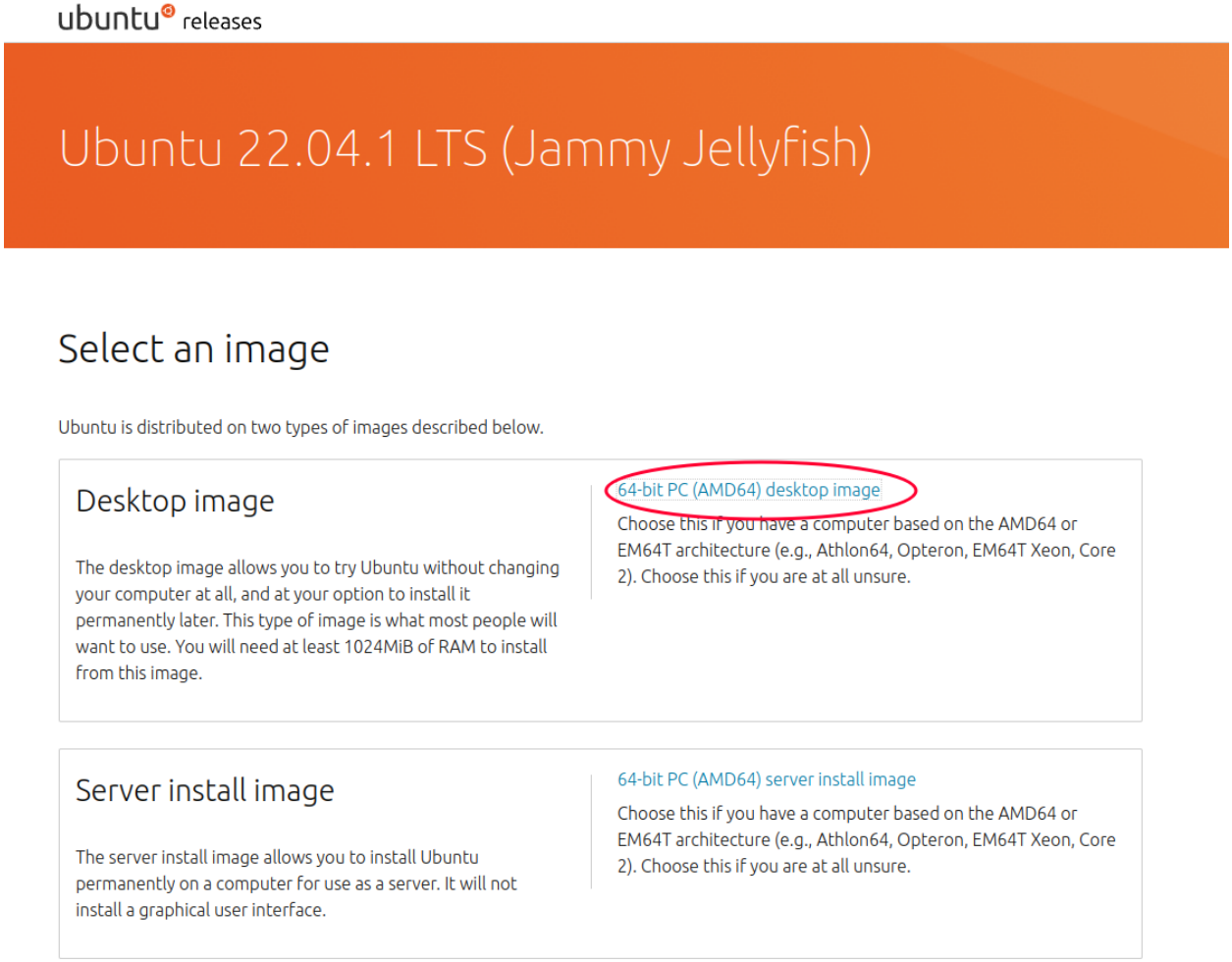
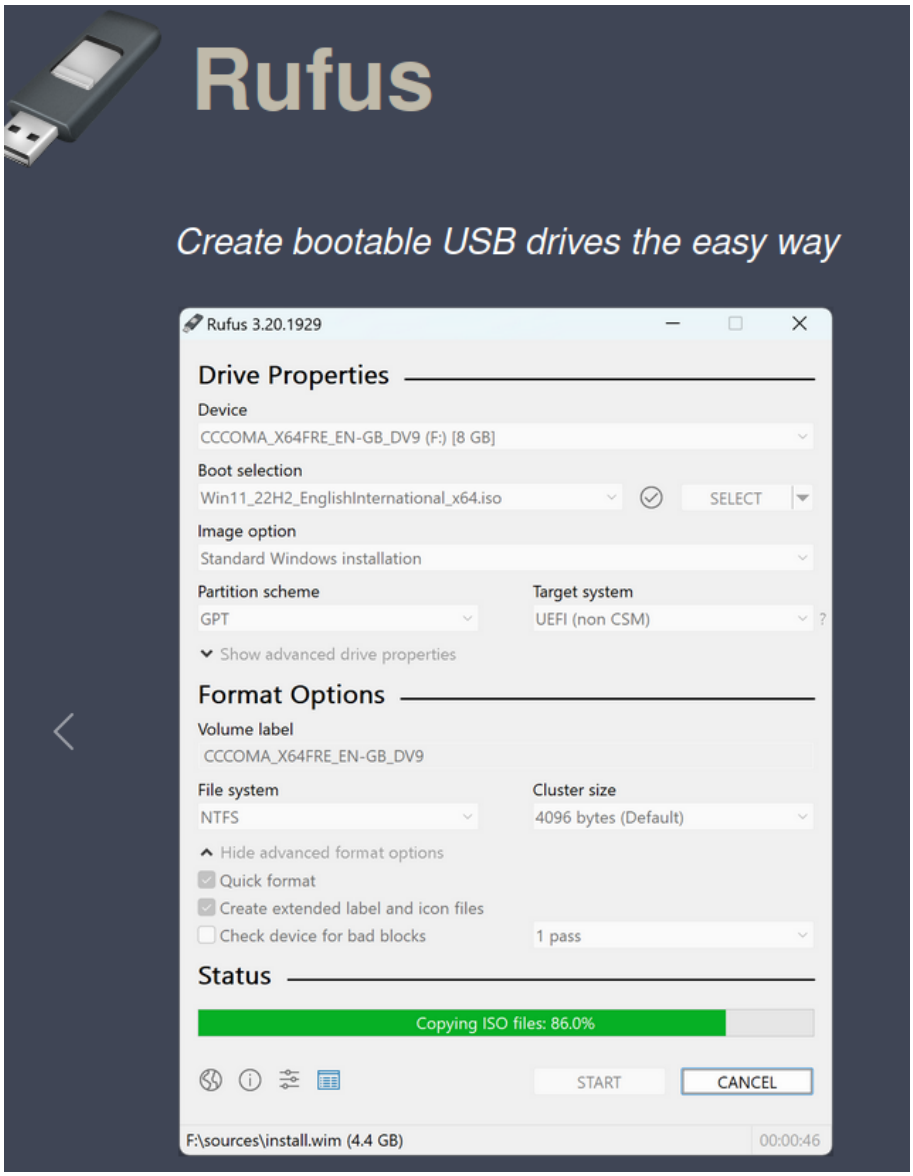
Installing Ubuntu in Dual Boot with Windows

Step 1: Download the Ubuntu .iso image for the latest (22.04) LTS version.

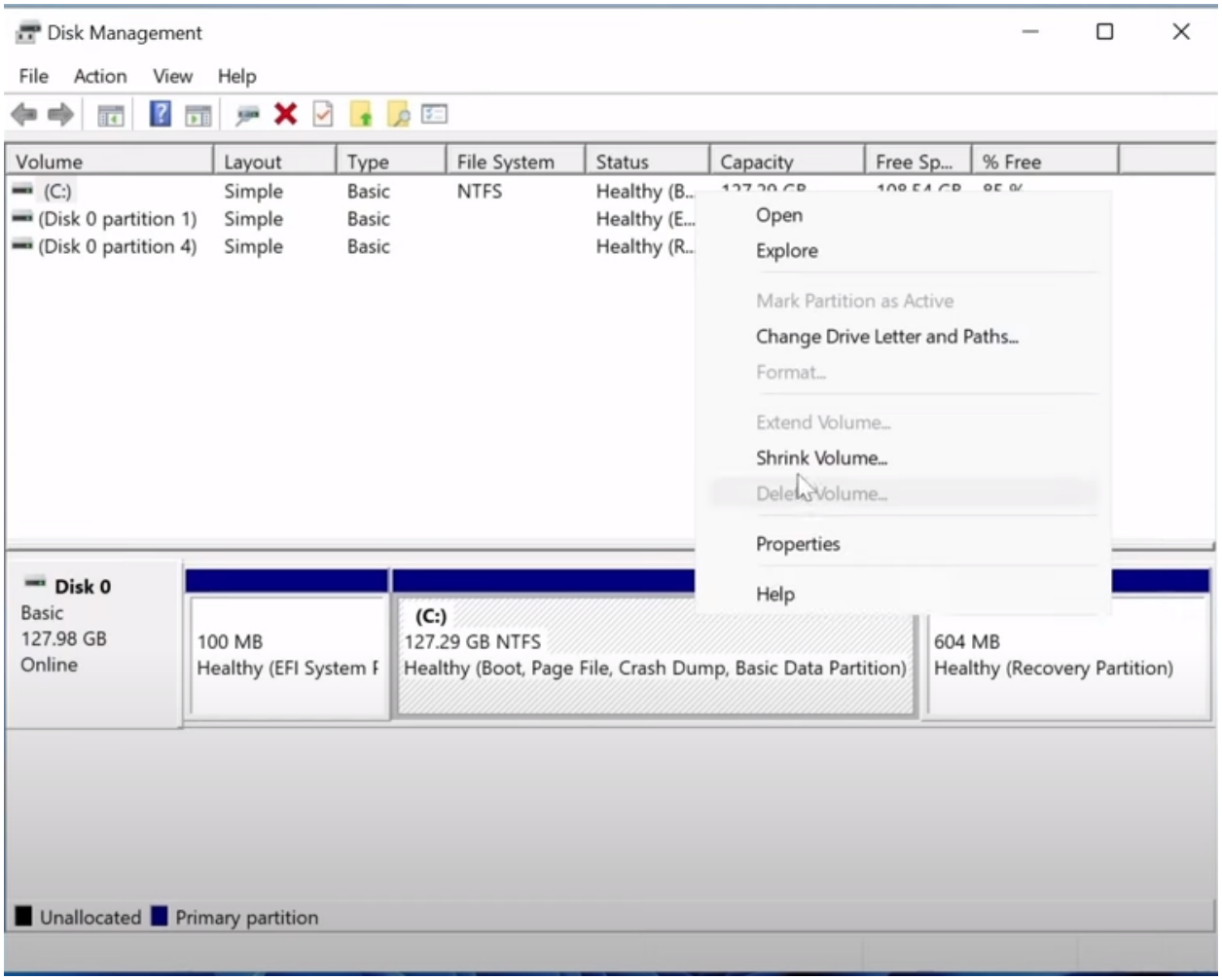


Step 2: Create a bootable USB drive using the downloaded .iso image using [RUFUS]



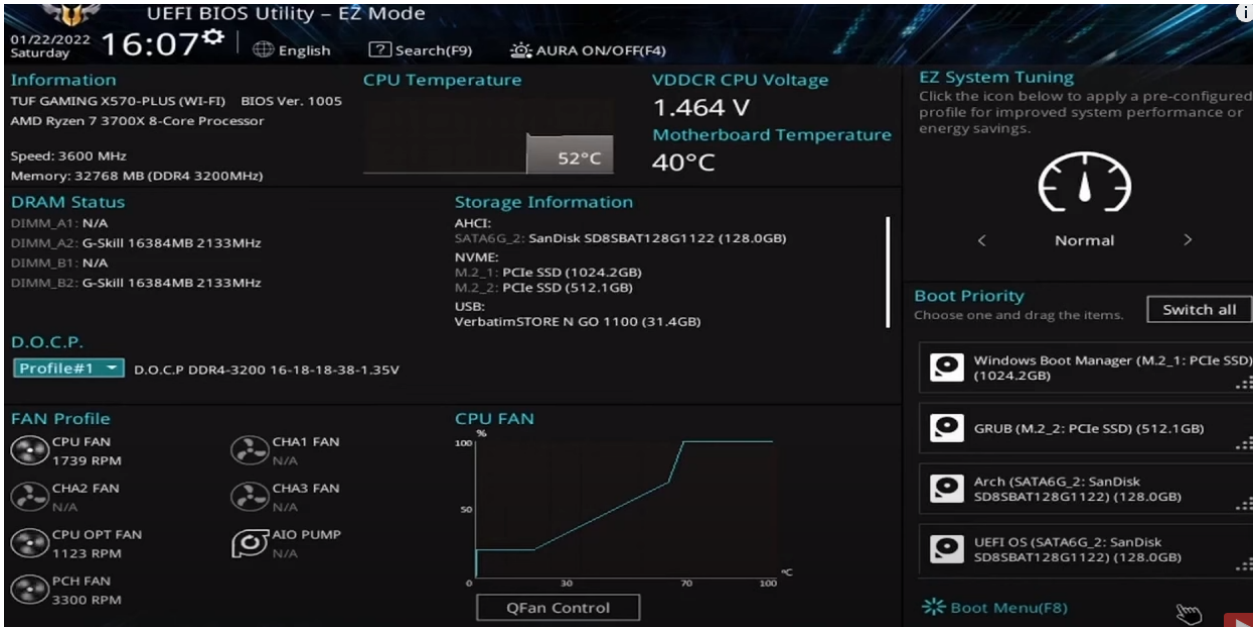
Step 3: Create free space in your disk

This is the tricky part. Make sure you do not have more than 2 primary partitions. Delete some partitions or just shrink the partition if you may have only one big partition and get at least 200+ GB space available to install Ubuntu.



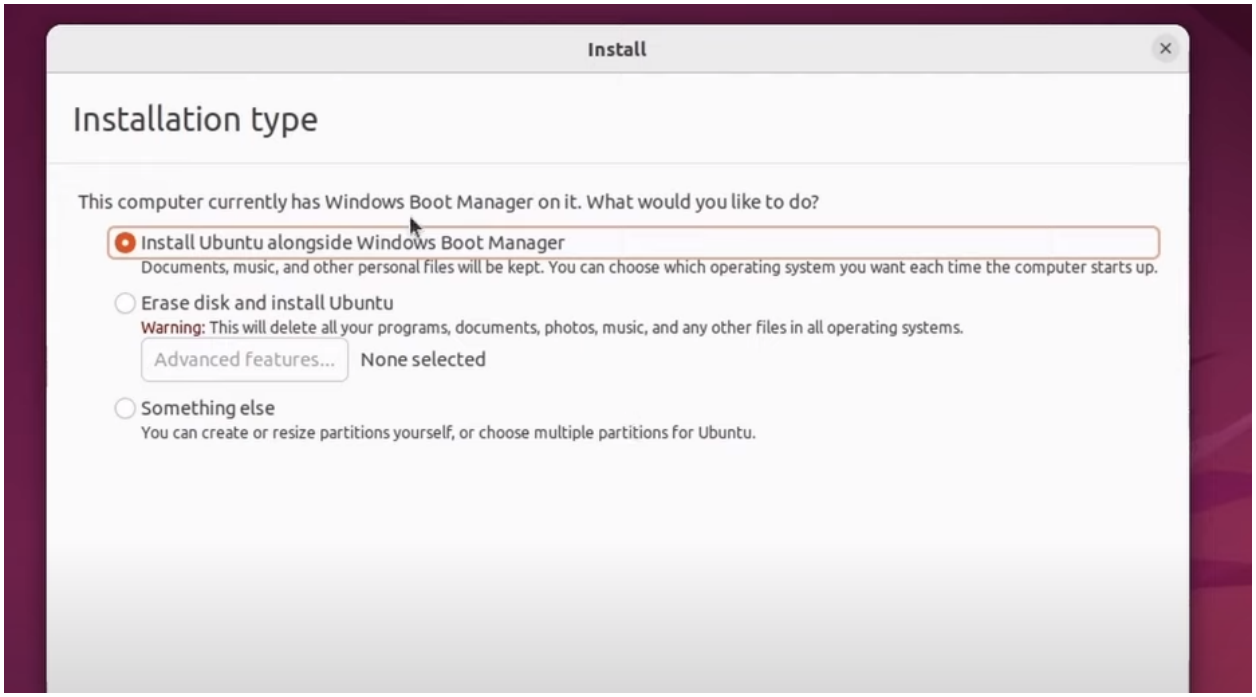
Step 4: Reboot the computer and boot from the USB

Every computer has a different way to select the boot device. You may have to go to your bios and enable it or use the appropriate function key like F8, F12, or Tab



Step 5: Use Try or Install Ubuntu option after booting from the USB drive:

Step 6: You can follow the installation wizard and complete the Ubuntu installation. During the installation, make sure to make your life easier by using I**nstall Ubuntu alongside the Windows Boot Manager** option as shown in the following image. Though you can go and create a partition, but I do not recommend it for beginners.



If everything goes well. You will have a dual-boot computer now. During boot time, you need to select either to start Ubuntu or Windows.

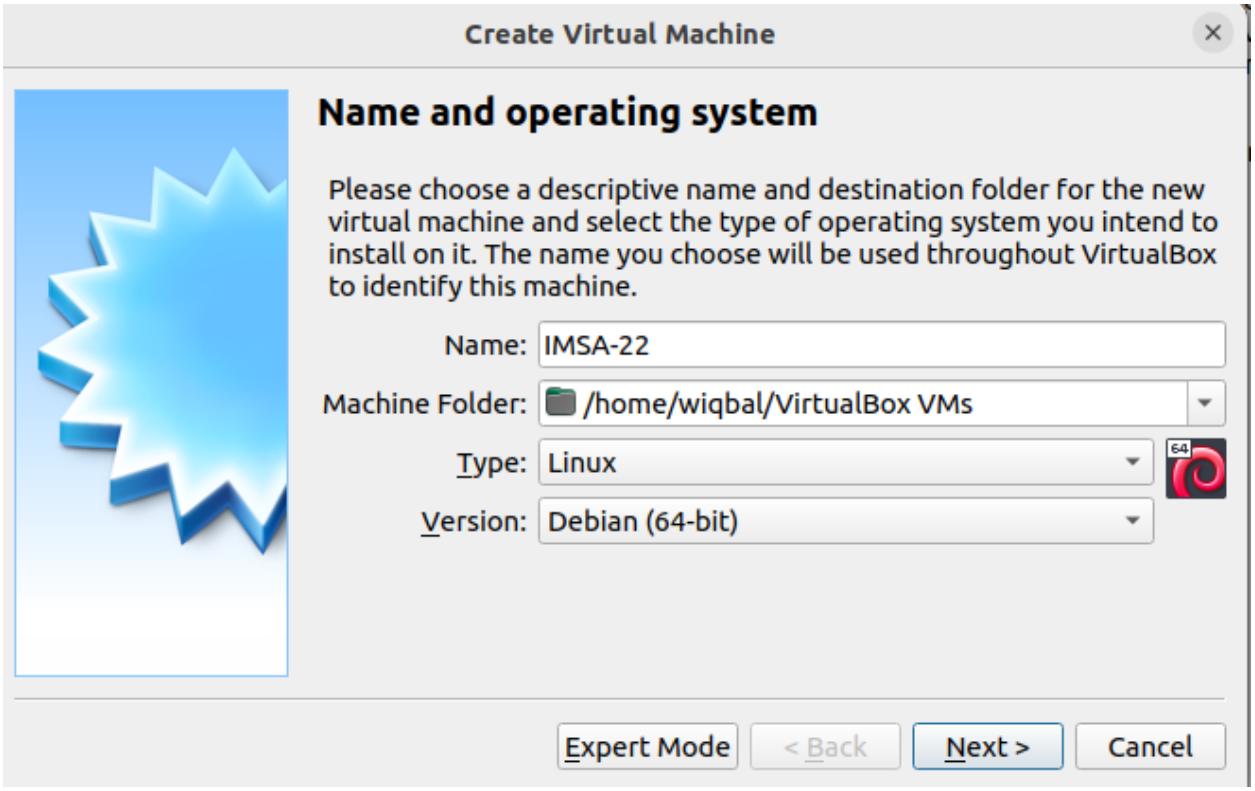
Video Tutorial on Dual Boot Installation

There are many good video tutorials available over the Internet. You may check the following: https://www.youtube.com/watch?v=GXxTxBPKecQ

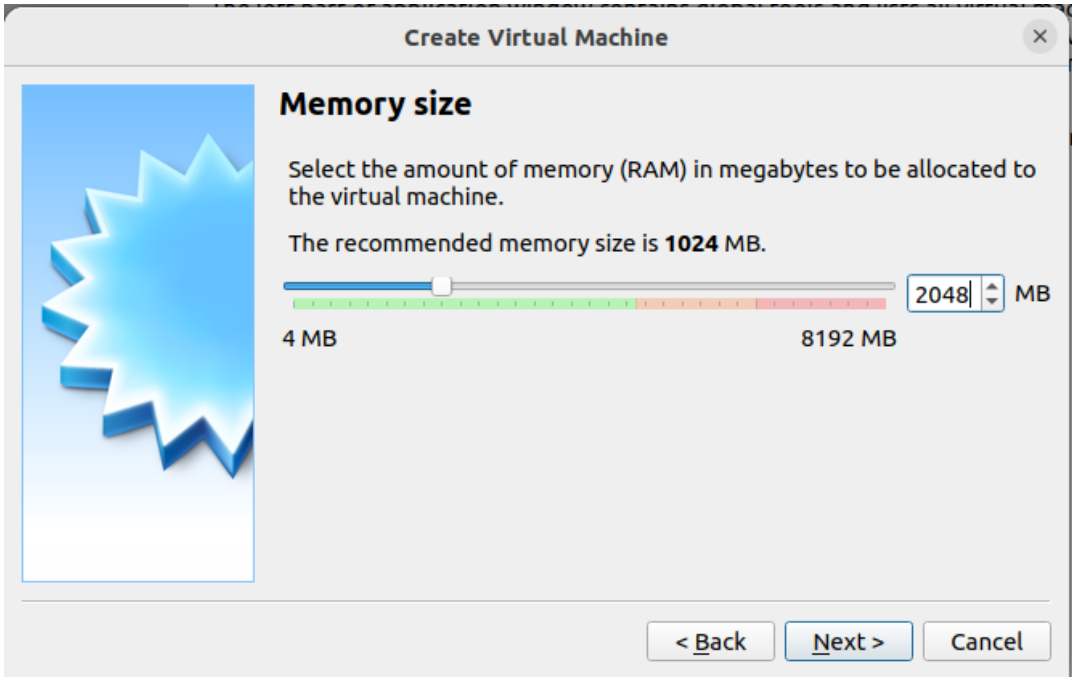
Method 2: Install Ubuntu as a VM using VirtualBox

Step 1: Download VirtualBox and also .iso image of the Ubuntu
https://www.virtualbox.org/wiki/Downloads
https://releases.ubuntu.com/22.04/

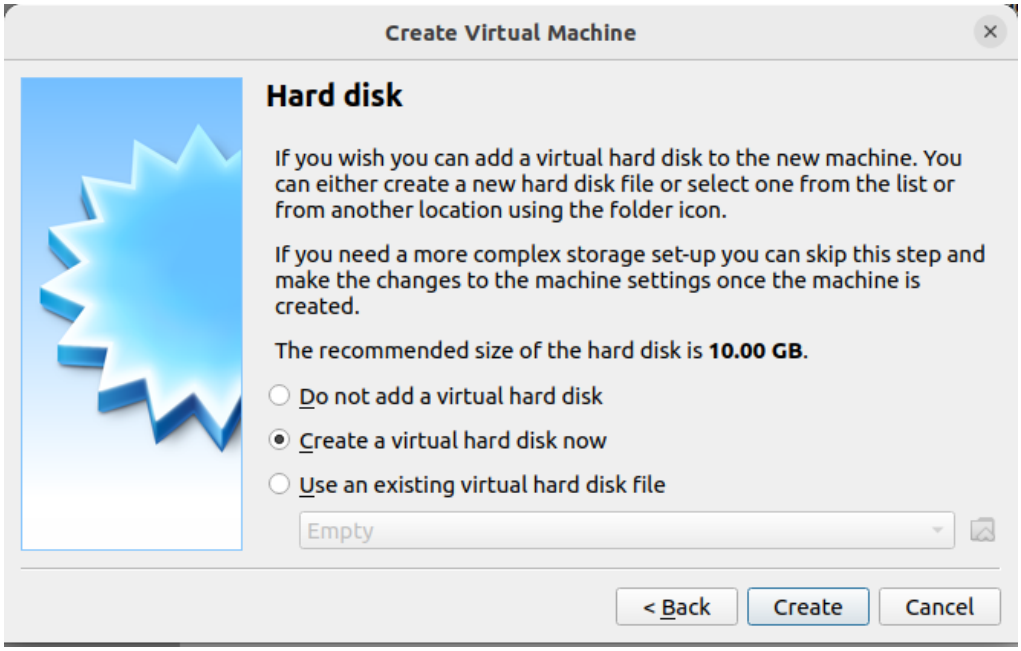
Step 2: Create a new virtual machine in Virtual Box



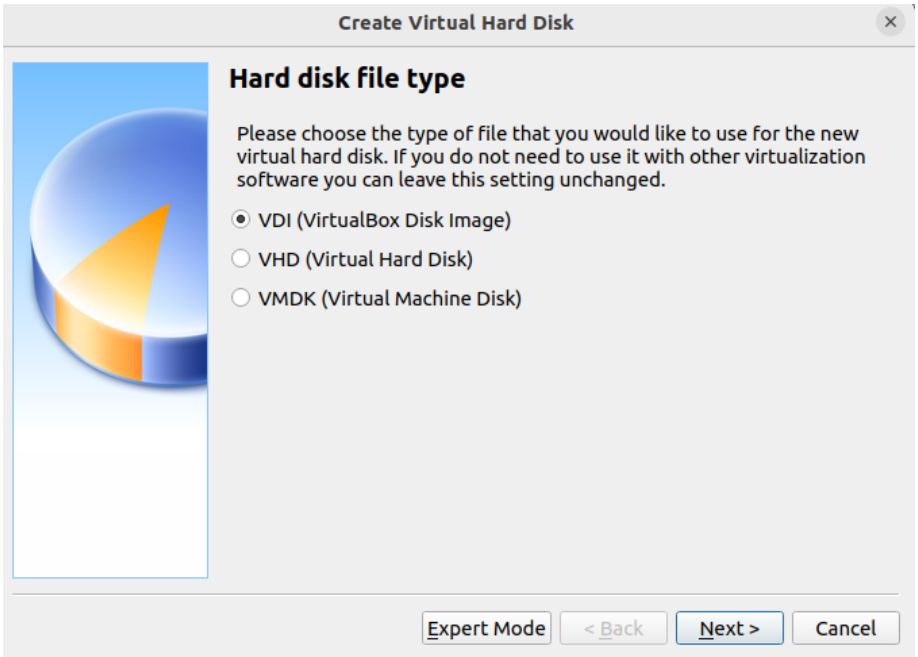
Step 3: Set the appropriate RAM size. A minimum of 4 GB is good to go!



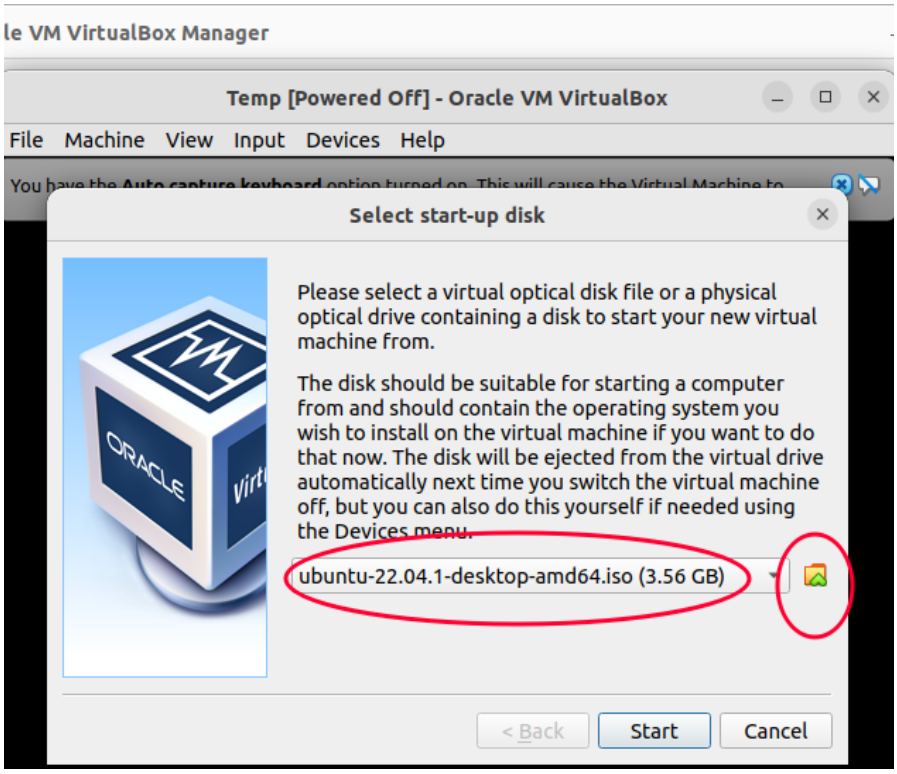
Step 4: Create a virtual hard disk with at least 30 GB of space



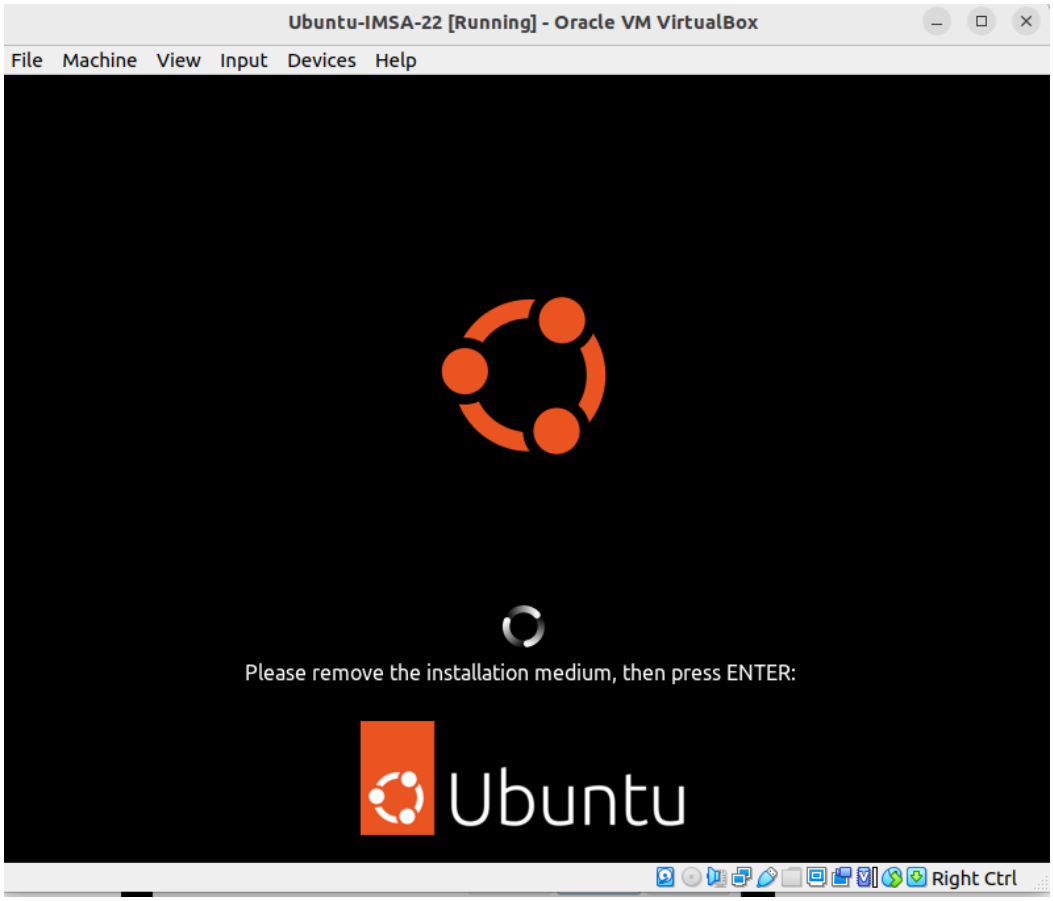
Step 5: Select the VirtualBox disk type

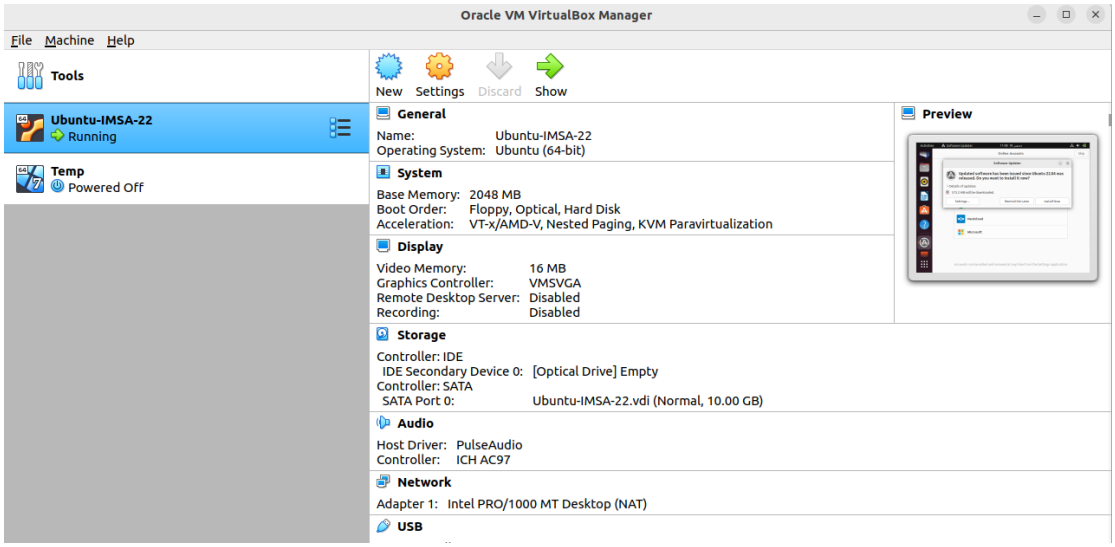


Step 6: Boot the newly created VM, and it will ask you to select the start-up disk. Make sure to select the .iso image of the Ubuntu and click Start.

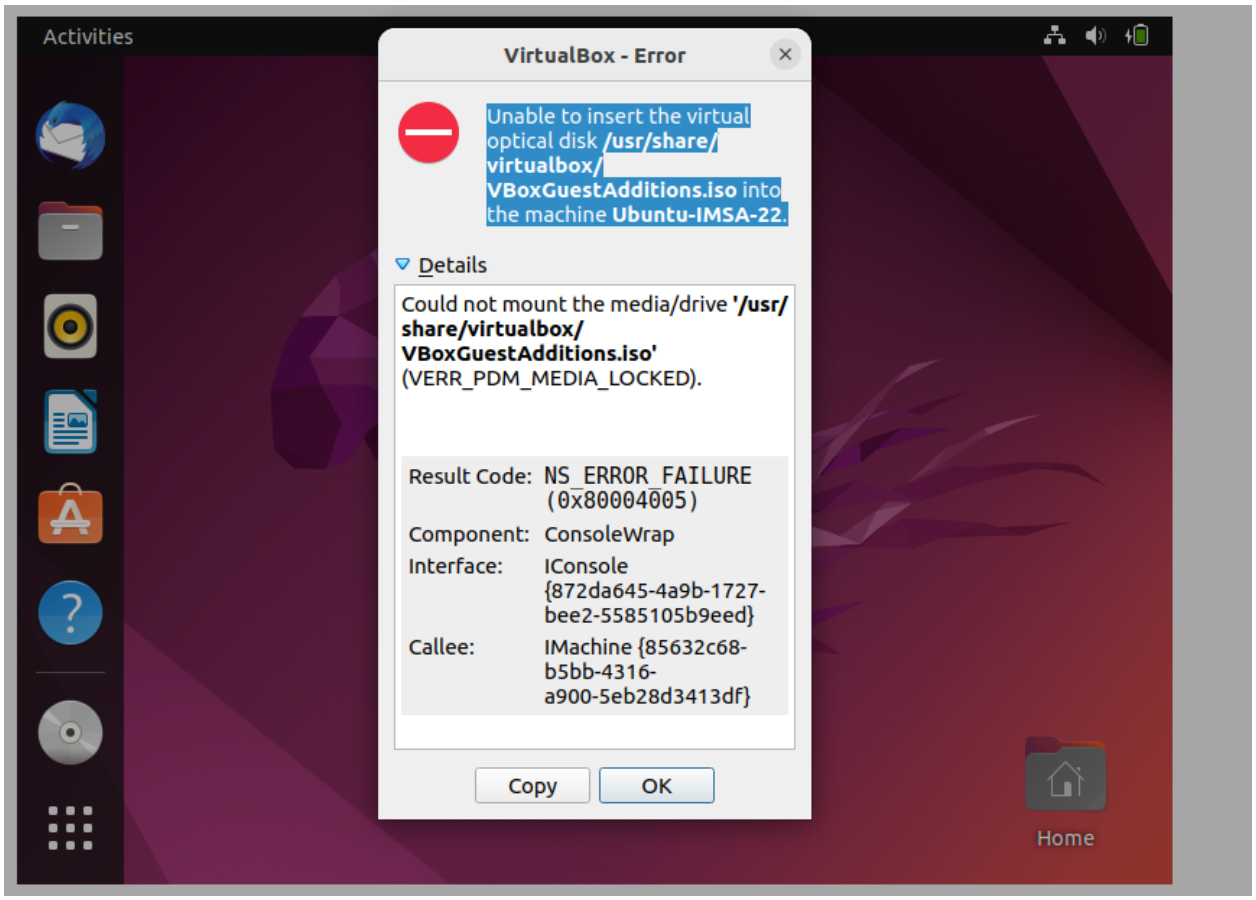


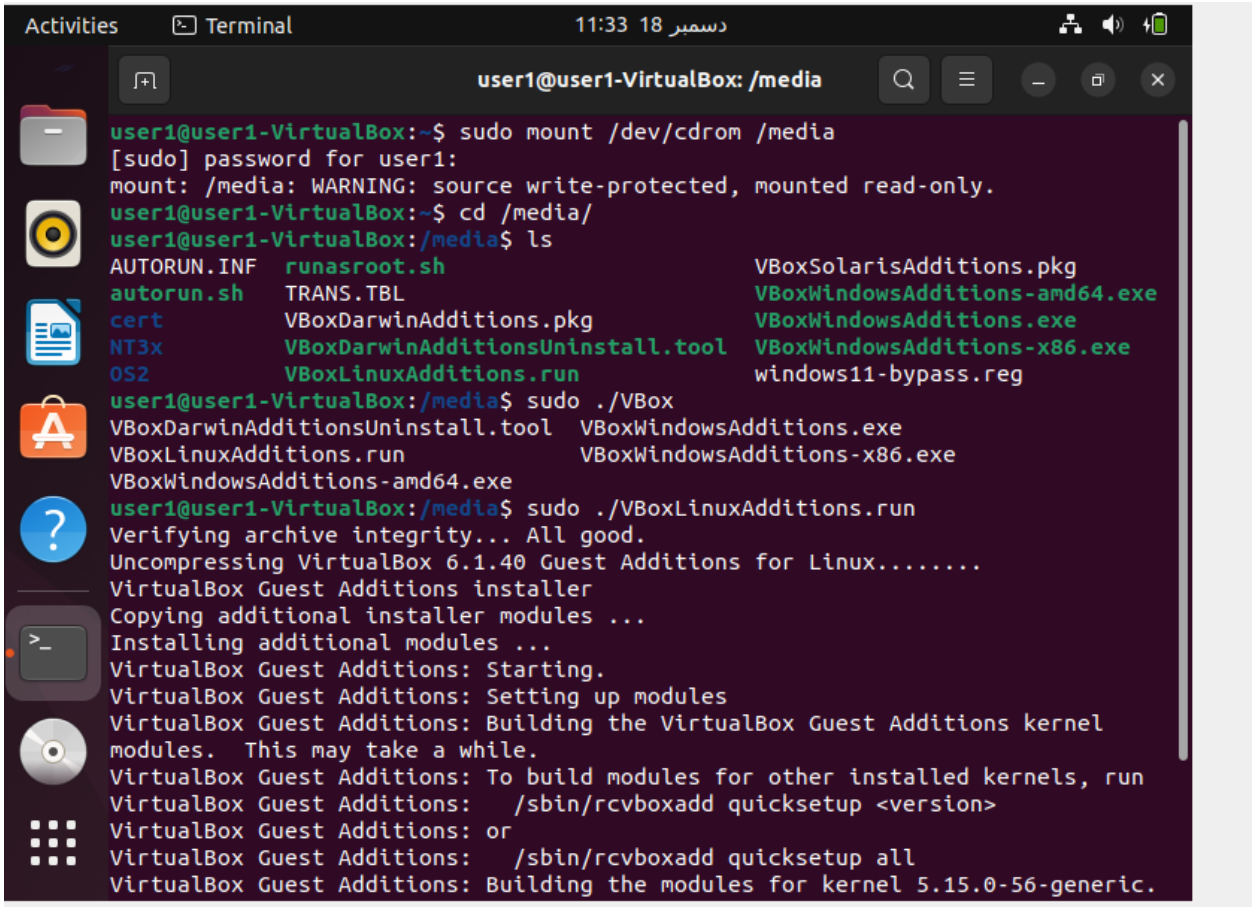
Step 7: Follow the installation wizard with Default Setting and complete the installation If everything goes well. You will see the following window. You just need to restart the VM from VirtualBox to start using it.





If you cannot install GuesAdditions or facing trouble changing the resolution of your VM, try to find a solution over the Internet or talk to me!




Activities
Terminal
11:33 18 دسمبر
user1@user1-VirtualBox: /media
user1@user1-VirtualBox:~$ sudo mount /dev/cdrom /media
[sudo] password for user1:
mount: /media: WARNING: source write-protected, mounted read-only.
user1@user1-VirtualBox:~$ cd /media/
user1@user1-VirtualBox:/media$ ls
AUTORUN.INF runasroot.sh VBoxSolarisAdditions.pkg
autorun.sh TRANS.TBL VBoxWindowsAdditions-amd64.exe
cert VBoxDarwinAdditions.pkg VBoxWindowsAdditions.exe
NT3x VBoxDarwinAdditionsUninstall.tool VBoxWindowsAdditions-x86.exe
OS2 VBoxLinuxAdditions.run windows11-bypass.reg
user1@user1-VirtualBox:/media$ sudo ./VBox
VBoxDarwinAdditionsUninstall.tool VBoxWindowsAdditions.exe
VBoxLinuxAdditions.run VBoxWindowsAdditions-x86.exe
VBoxWindowsAdditions-amd64.exe
user1@user1-VirtualBox:/media$ sudo ./VBoxLinuxAdditions.run
Verifying archive integrity... All good.
Uncompressing VirtualBox 6.1.40 Guest Additions for Linux........
VirtualBox Guest Additions installer
Copying additional installer modules ...
Installing additional modules ...
VirtualBox Guest Additions: Starting.
VirtualBox Guest Additions: Setting up modules
VirtualBox Guest Additions: Building the VirtualBox Guest Additions kernel
modules. This may take a while.
VirtualBox Guest Additions: To build modules for other installed kernels, run
VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup <version>
VirtualBox Guest Additions: or
VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup all
VirtualBox Guest Additions: Building the modules for kernel 5.15.0-56-generic.