

You can use:

- LINUX
- WSL(Windows subsystem for Linux)
- Ubuntu Virtual machine(Virtualbox)



How to install Virtualbox and Ubuntu

If you want you can follow this video: https://www.youtube.com/watch?v=v1JVqd8M3Yc

Or you can follow the step by step guide in the slides.





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Download VirtualBox

Here you will find links to VirtualBox binaries and its source code.

VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

If you're looking for the latest VirtualBox 6.1 packages, see VirtualBox 6.1 builds. Version 6.1 will remain supported until December 2023.

VirtualBox 7.0.10 platform packages

- ➡Windows hosts
- ⇒macOS / Intel hosts
- Linux distributions
- ⇒Solaris hosts
- ⇒Solaris 11 IPS hosts

The binaries are released under the terms of the GPL version 3.

See the changelog for what has changed.

You might want to compare the checksums to verify the integrity of downloaded packages. The SHA256 checksums should be favored as the MD5 algorithm must be treated as insecure!

• SHA256 checksums, MD5 checksums

Note: After upgrading VirtualBox it is recommended to upgrade the guest additions as well.

- If you have Windows click on Windows hosts
- If you have macOS click on macOS/Intel hosts

Virtualbox

Go to:

https://www.virtualbox.org/



Fai clic sulle icone dell'albero seguente per cambiare la modalità di installazione dell...

VirtualBox Application
VirtualBox USB Support
VirtualBox Networking
VirtualBox Bridged Networking
VirtualBox Host-Only Networking
VirtualBox Python Support

Applicazione Oracle VM VirtualBox 7.0.10.

Questa funzionalità richiede 210MB sul tuo disco fisso. Ha 3 di 3 sotto-funzionalità selezionate. Le sotto-funzionalità richiedono 992...

Posizione: C:\Program Files\Oracle\VirtualBox\

Sfoglia

Version 7.0.10

Utilizzo del disco

< Indietro

Avanti >

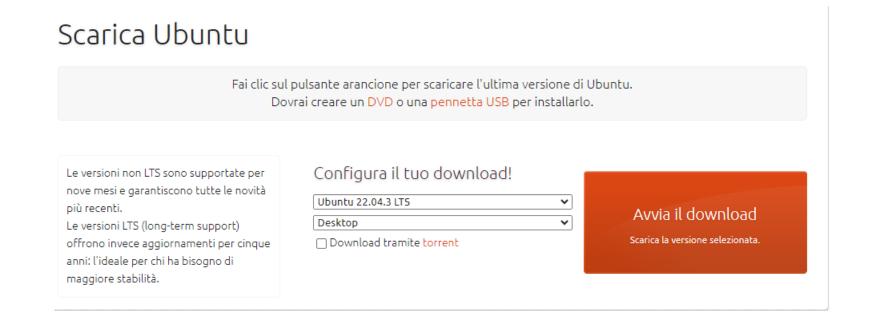
Annulla

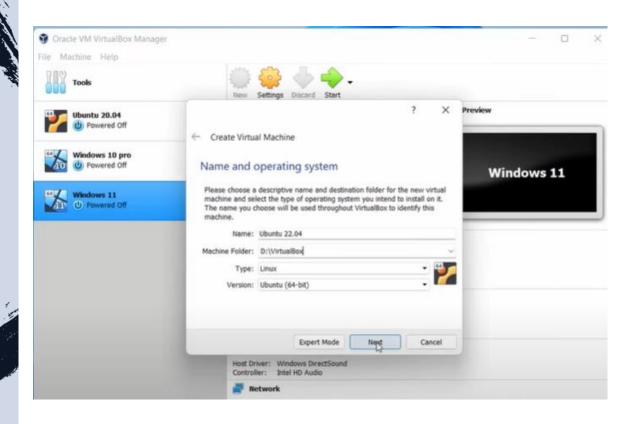
- Open virtualbox.exe
- Follow the default configuration.



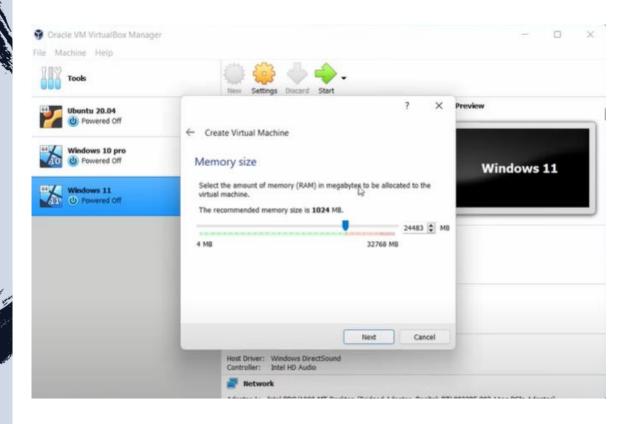
• After installation, virtualbox should appear similar to this.

Install ubuntu: https://www.ubuntu-it.org/download

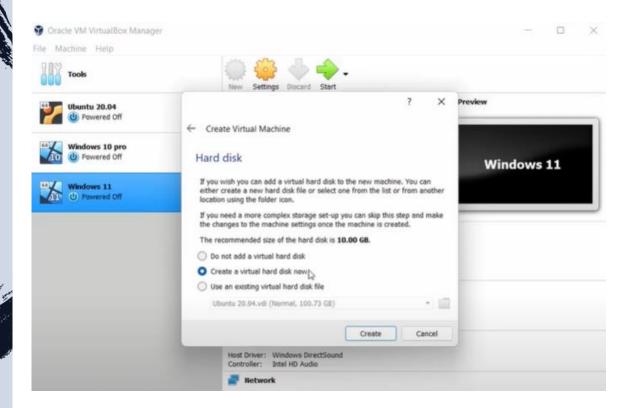




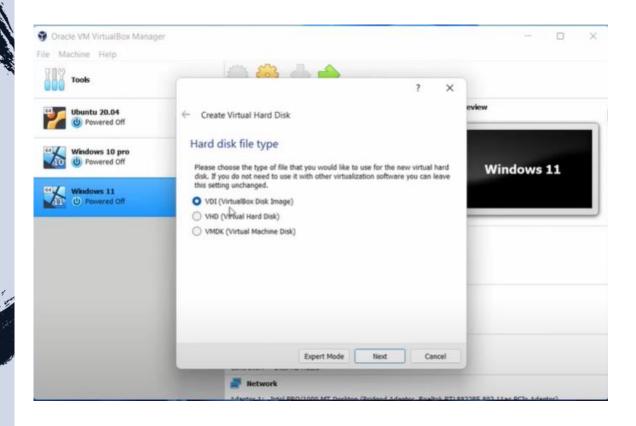
- Open virtualbox
- Click "New" button
- Name: "Ubuntu 22.04"
- Select folder
- Type:"Linux"
- Version: Ubuntu (64-bit)
- Then click on "next"



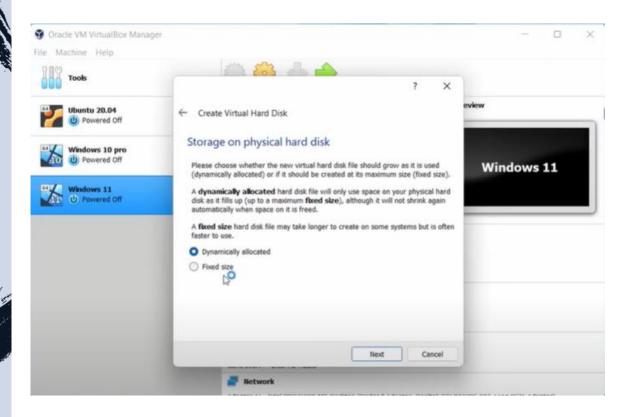
- 1024-4096 Mb should be enough
- click on "next"



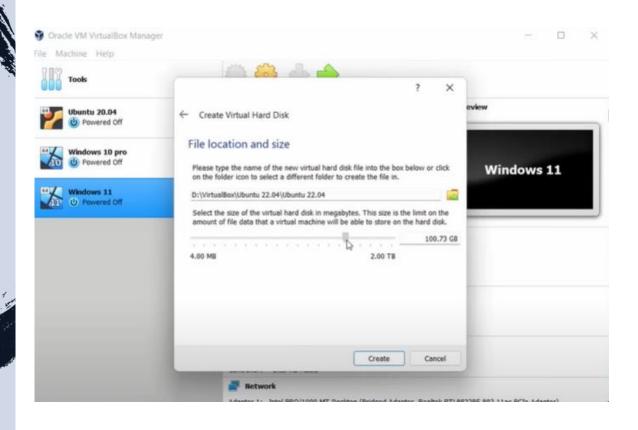
• Leave the default option and click "create"



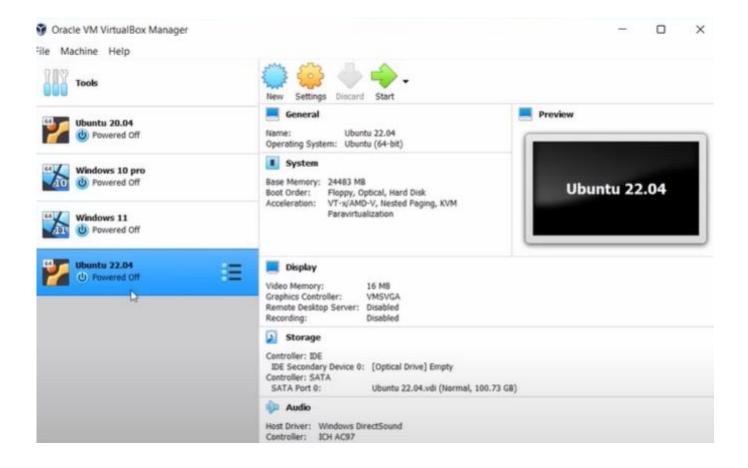
Leave as default and click on "next"



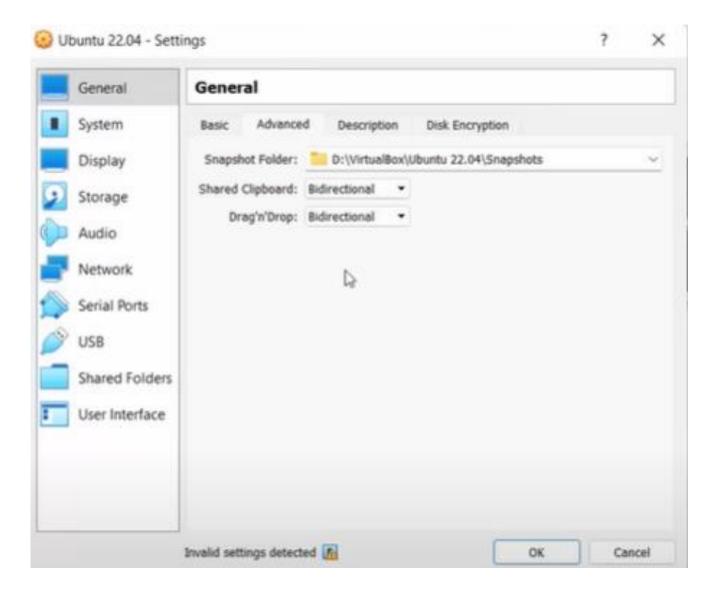
Leave as default and click on «next»



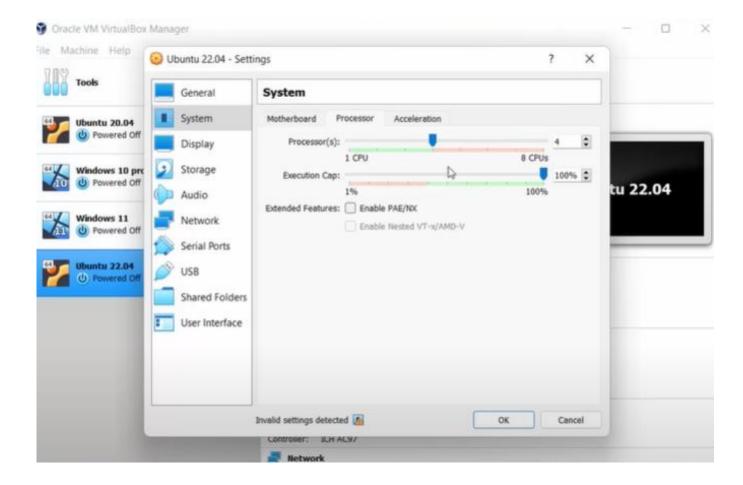
- Choose 10/20 Gb.
- select "create"



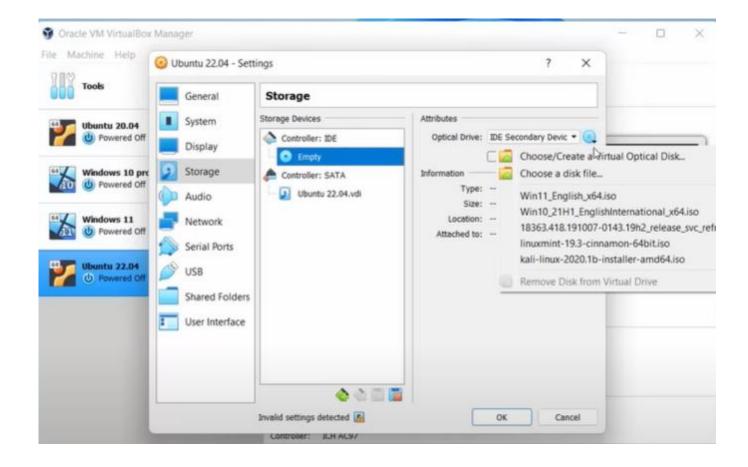
 You should see Ubuntu 22.04 on virtualbox now



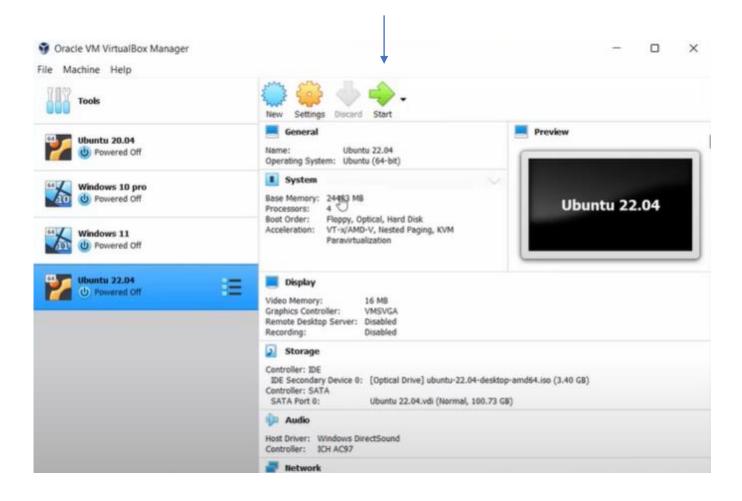
- Click on Settings
- Go to General
- Click advanced
- Select bidirectional



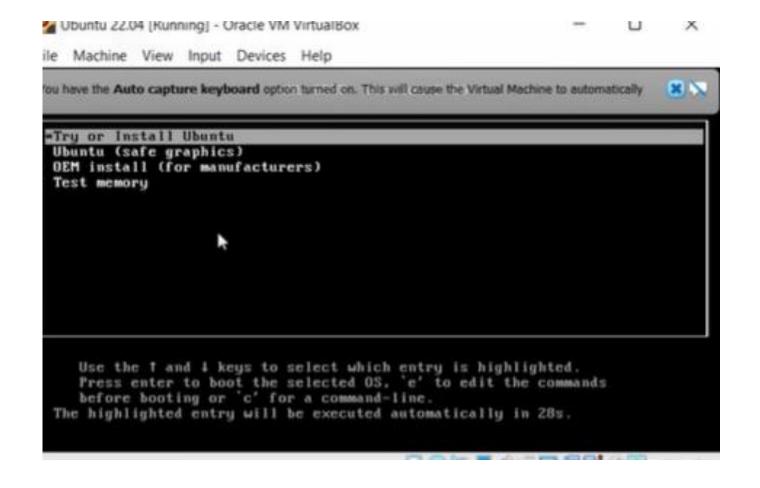
- Go to system
- Select processor
- 2/4 processor are enough



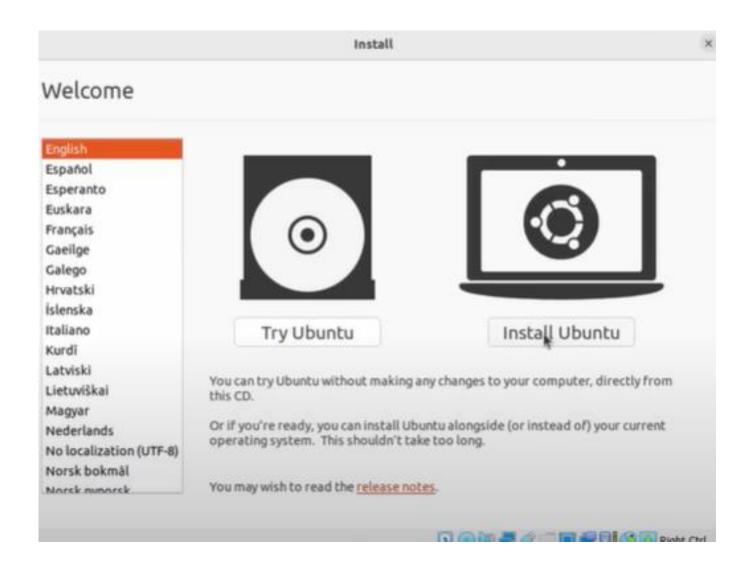
- Go to Storage
- Click on empty
- Click on the blu disk icon
- Click «choose» a disk file
- Select ubuntu.iso downloaded before
- Click on open
- Click on ok
- Close the settings



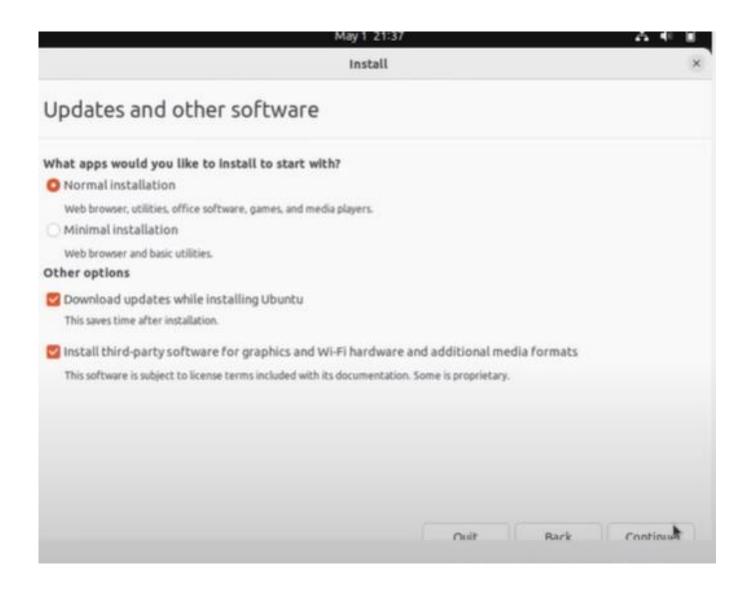
Click on start



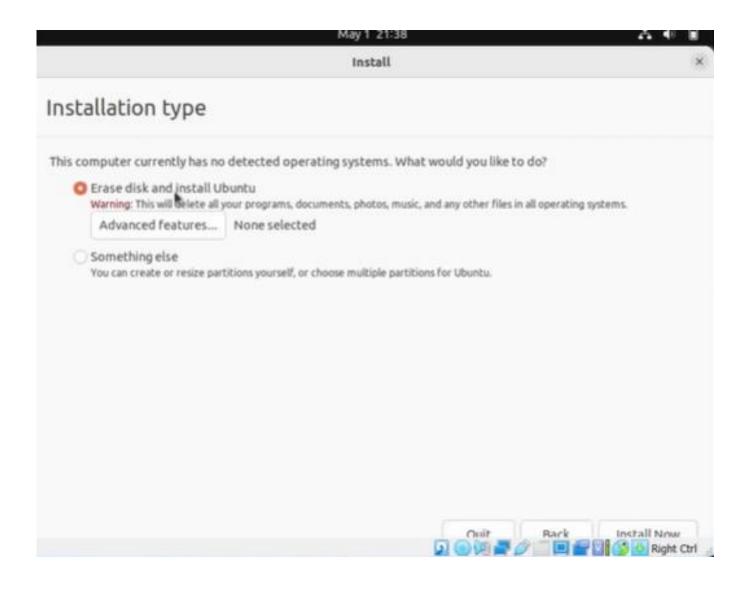
- Select "try or install" ubuntu
- Press enter



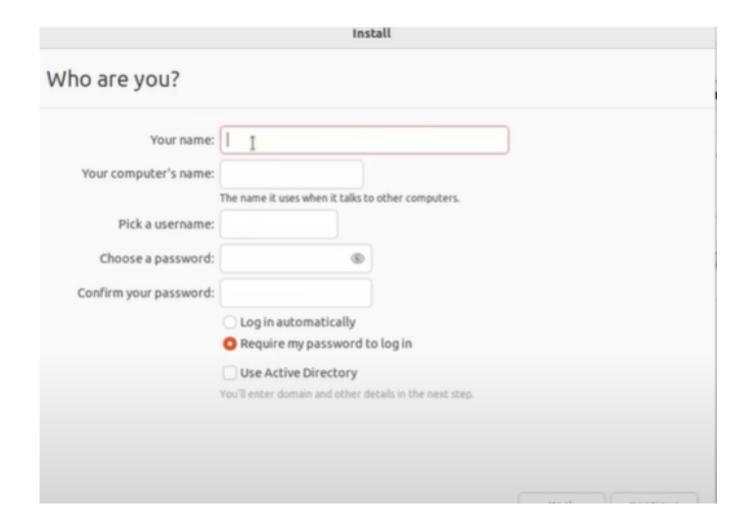
- Choose you language
- Click on install
- Select keyboard layout
- Press continue



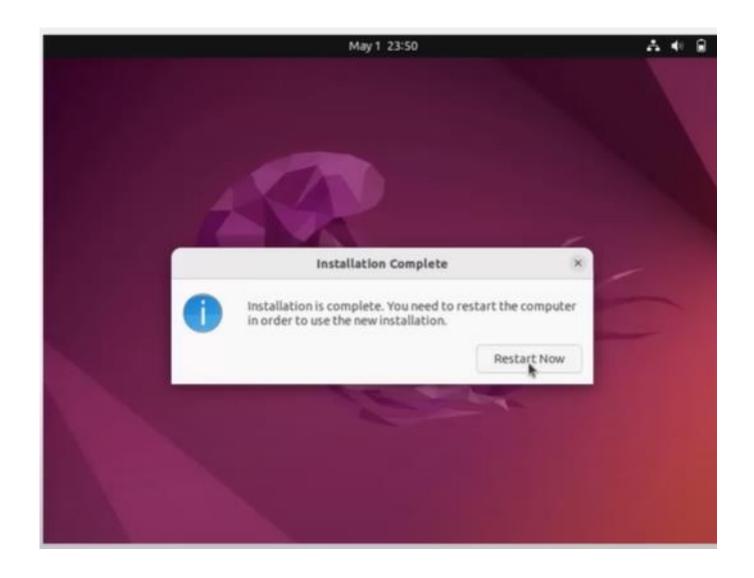
- Select this option
- Continue



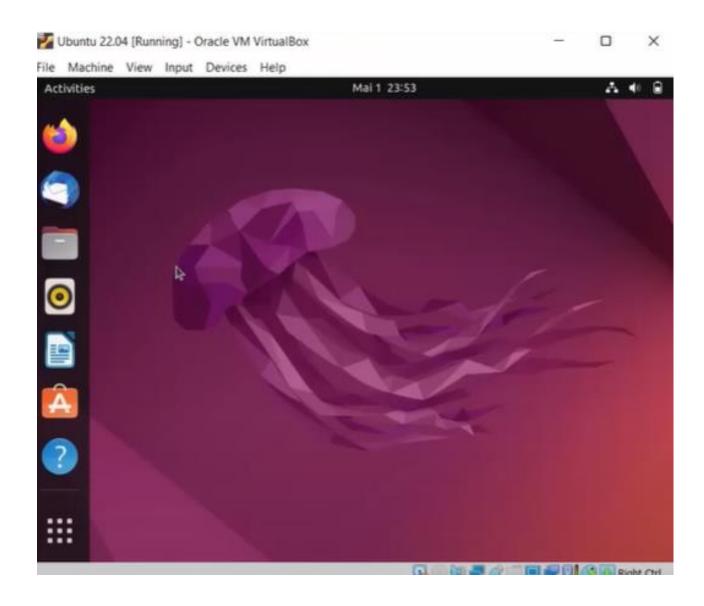
- Leave as it is
- Click on Install now



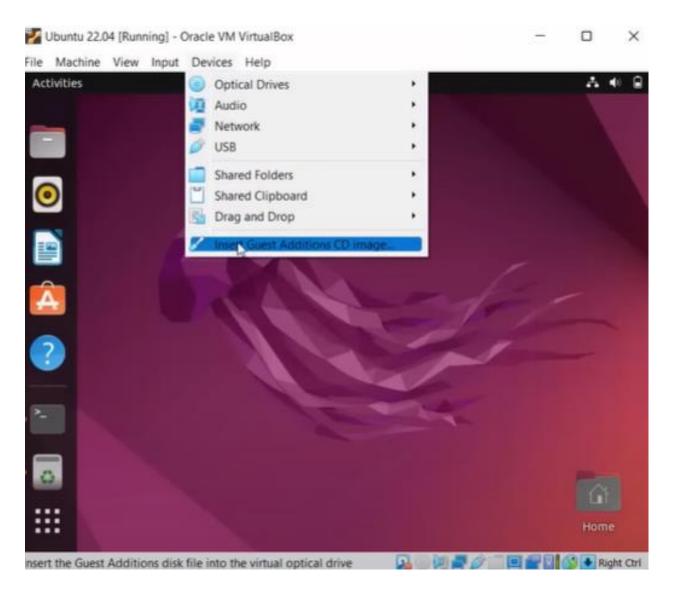
- Choose your name
- Choose your computer name
- Choose username
- Choose pw(use ubuntu for simplicity)
- Click continue
- Installation will start



• When installation finish, click on restart now.

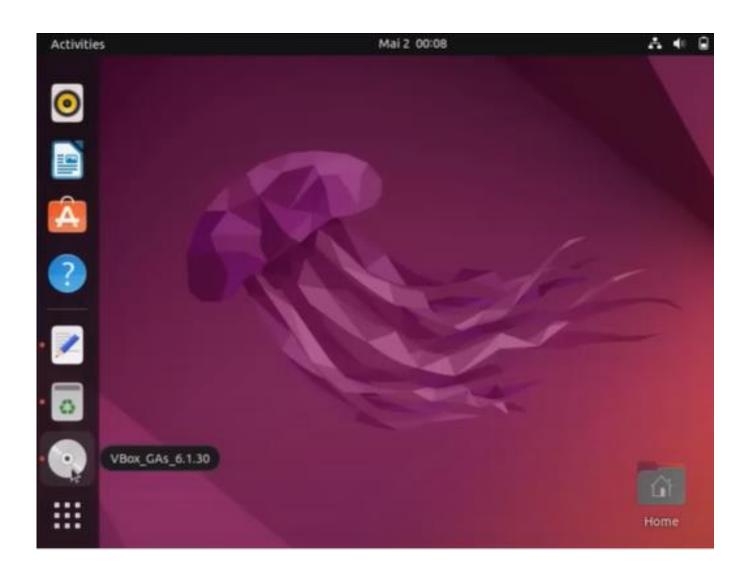


• This should be your screen.

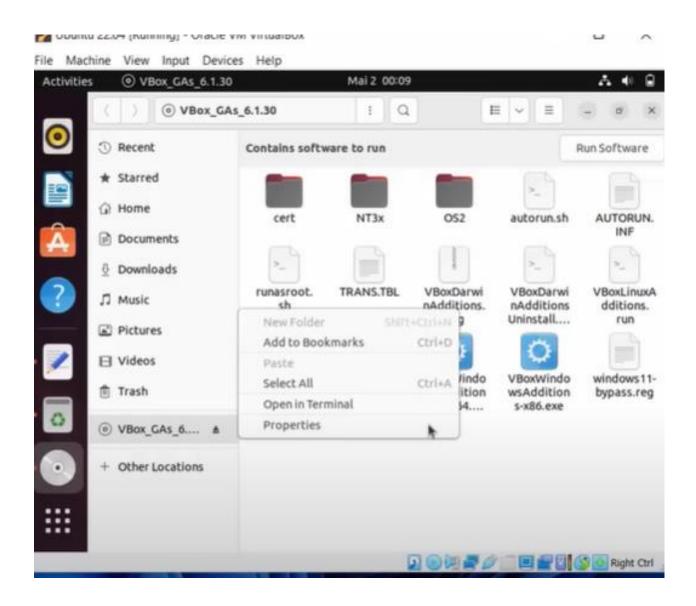


To install guest additions (useful to adjust screen width to full screen)

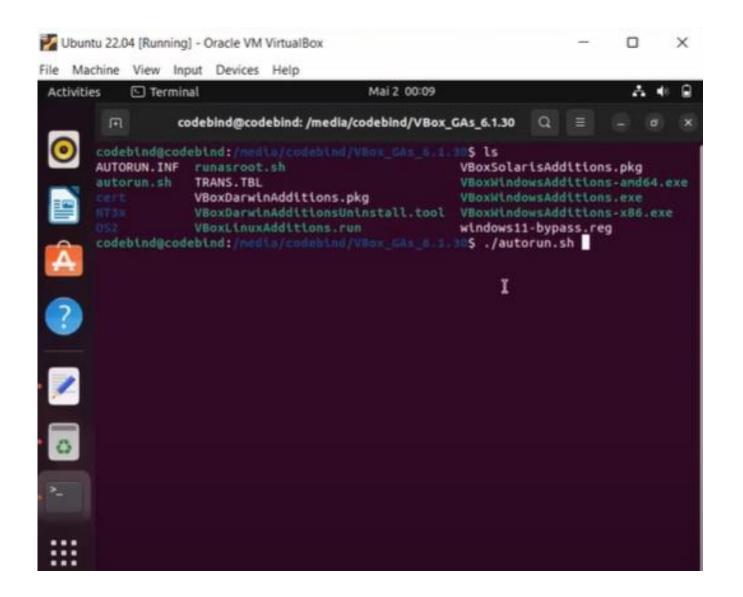
- Right click on the desktop
- Open a terminal
- Type: sudo apt update
- sudo apt install build-essential dkms linux-headers-\$(uname -r)
- Then click on devices
- Click on insert guest addition cd image



- Now you should have this disk icon on the left
- Click on it



Open a terminal inside the directory



- Type "ls" to see if autorun.sh is here
- Type ./autorun.sh
- When finished, restart your Ubuntu virtual machine

INSTALLATION COMPLETE