

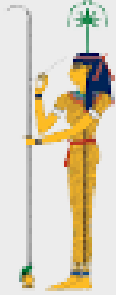
Linux

Linux Course



Mostafa Nabieh

وزارة الاتصالات
وتكنولوجيا المعلومات



MANNING



وزارة الاتصالات
وتكنولوجيا المعلومات
MINISTRY OF COMMUNICATIONS
AND INFORMATION TECHNOLOGY



UDACITY



PLURALSIGHT



YOUR SPACE TO LEARN
FUTURE SKILLS

Eng. Mostafa Nabieh



Mostafa Nabieh

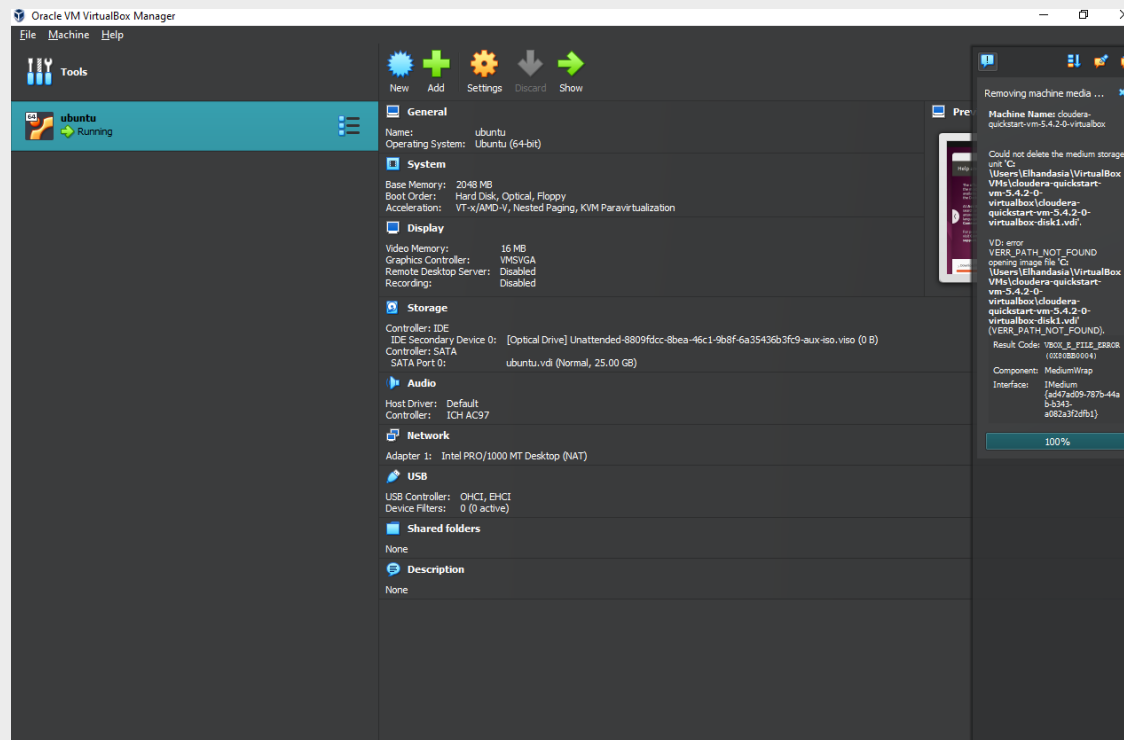




Mostafa Nabieh

Virtual Machine

- Virtual Machine abstracts the hardware of our personal computers such as CPU, disk drives, memory, NIC (Network Interface Card), etc, into many different execution environments as per our requirements, hence giving us a feeling that each execution environment is a single computer for example, VirtualBox.



Downloading and Installing Ubuntu

- Before, we begin with the installation process, we need to download ISO file for Ubuntu. For that, all the versions of Ubuntu are available on the official site [Ubuntu.com](https://ubuntu.com)

Download Ubuntu Desktop

The open-source desktop operating system that powers millions of PCs and laptops around the world. Find out more about Ubuntu's features and how we support developers and organisations below.

[Ubuntu Desktop homepage](#) [Visit the Ubuntu Desktop blog ›](#)

Ubuntu 22.04.1 LTS

Download the latest [LTS](#) version of Ubuntu, for desktop PCs and laptops. LTS stands for long-term support — which means five years of free security and maintenance updates, guaranteed until April 2027.

[Ubuntu 22.04 LTS release notes](#)

Recommended system requirements:

✓ 2 GHz dual-core processor or better	✓ Internet access is helpful
✓ 4 GB system memory	✓ Either a DVD drive or a USB port for the installer media
✓ 25 GB of free hard drive space	

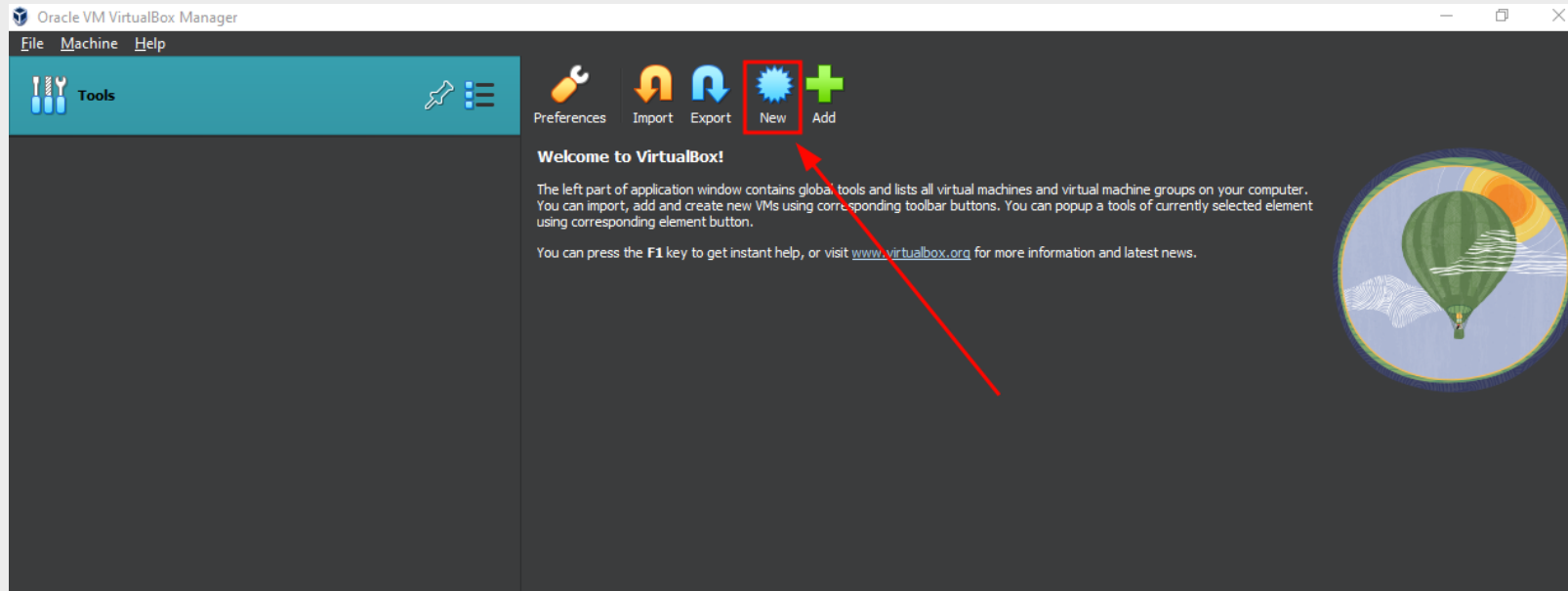
[Download](#)

For other versions of Ubuntu Desktop including torrents, the network installer, a list of local mirrors and past releases [see our alternative downloads](#).



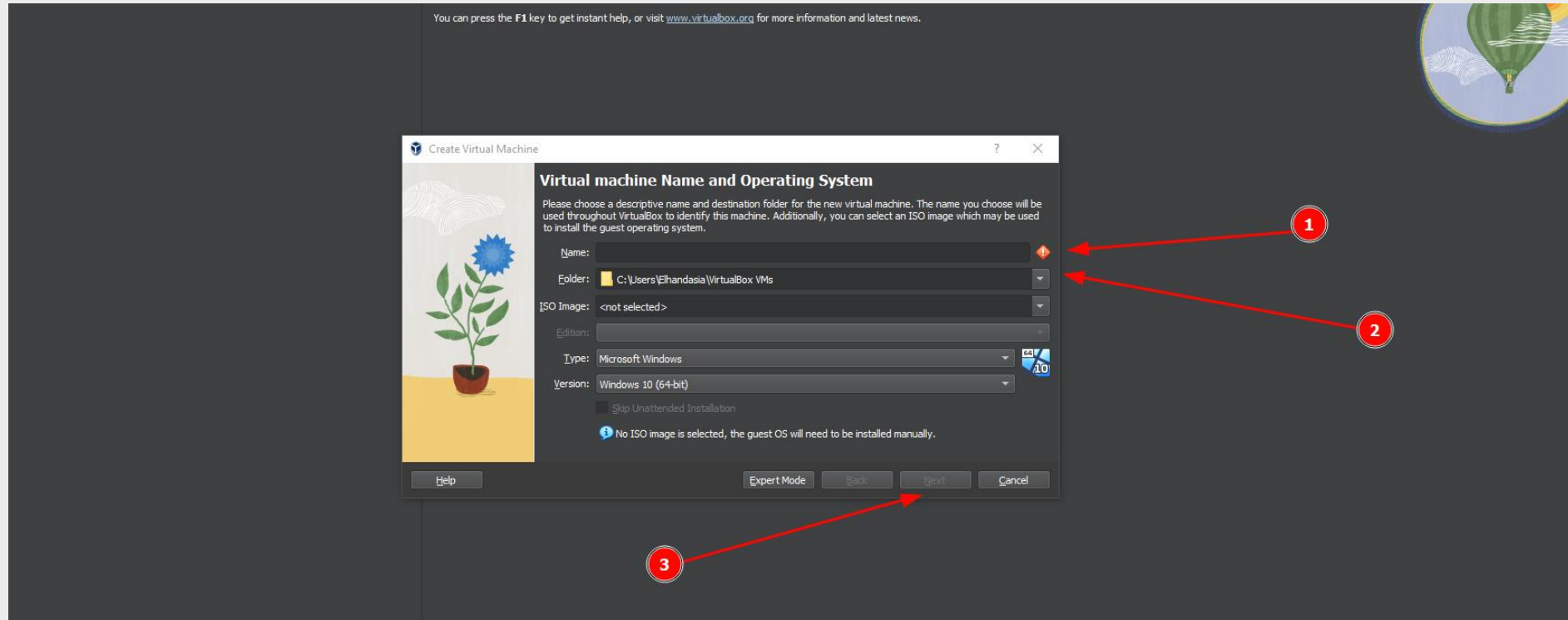
Step 1

- Open VirtualBox and click on the New button.



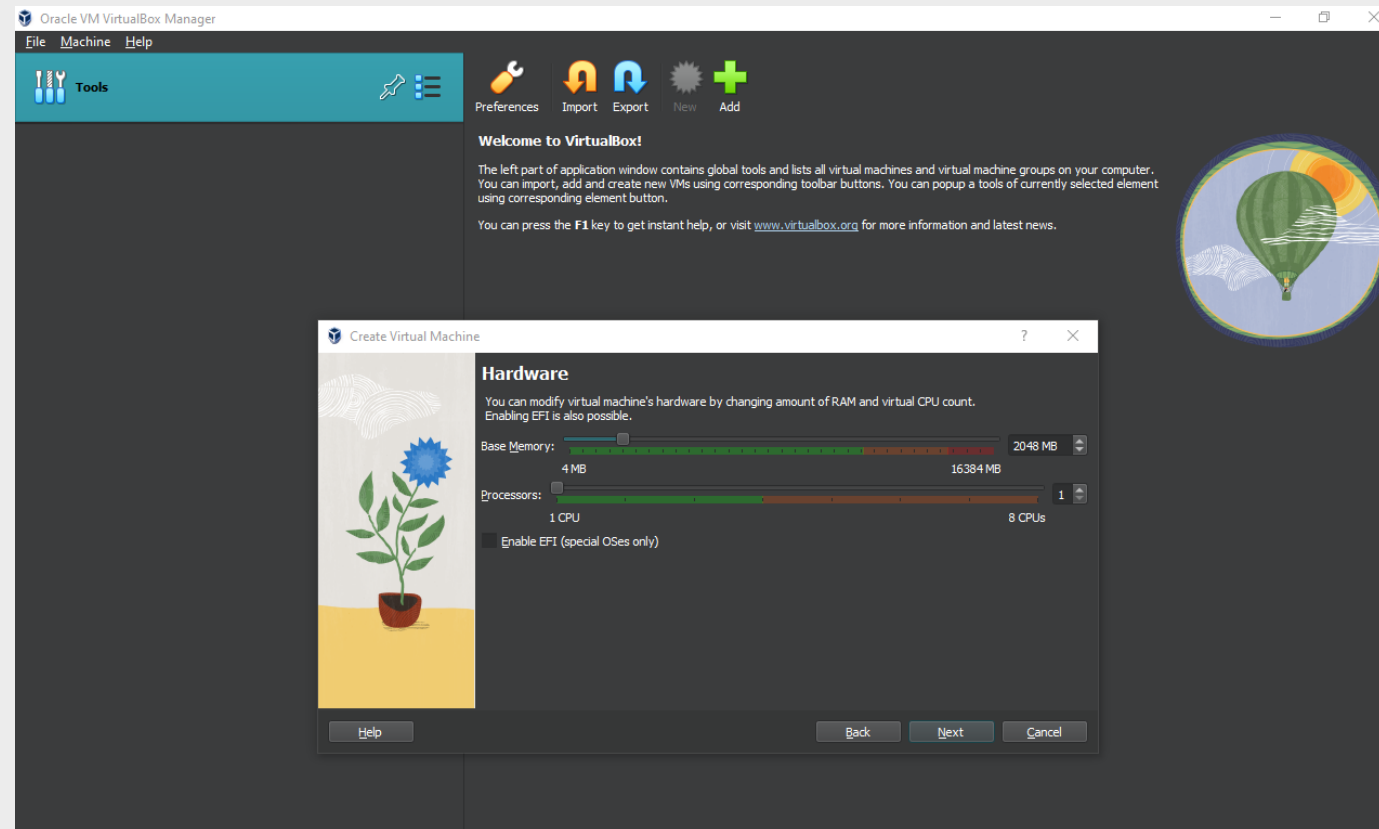
Step 2

- Give a name to your Virtual Machine and select the location for it to install.



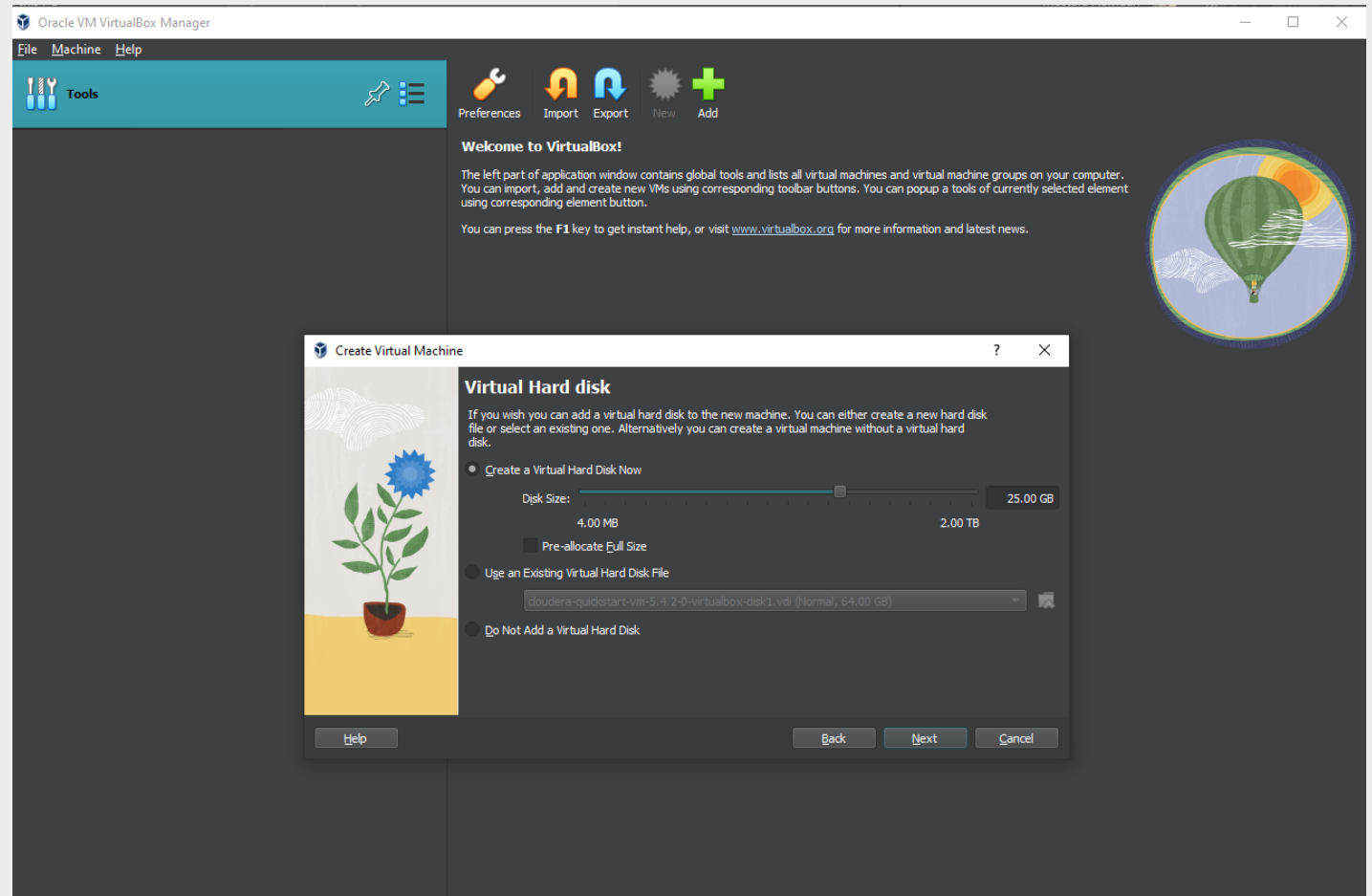
Step 3

- Assign RAM size to your Virtual Machine.



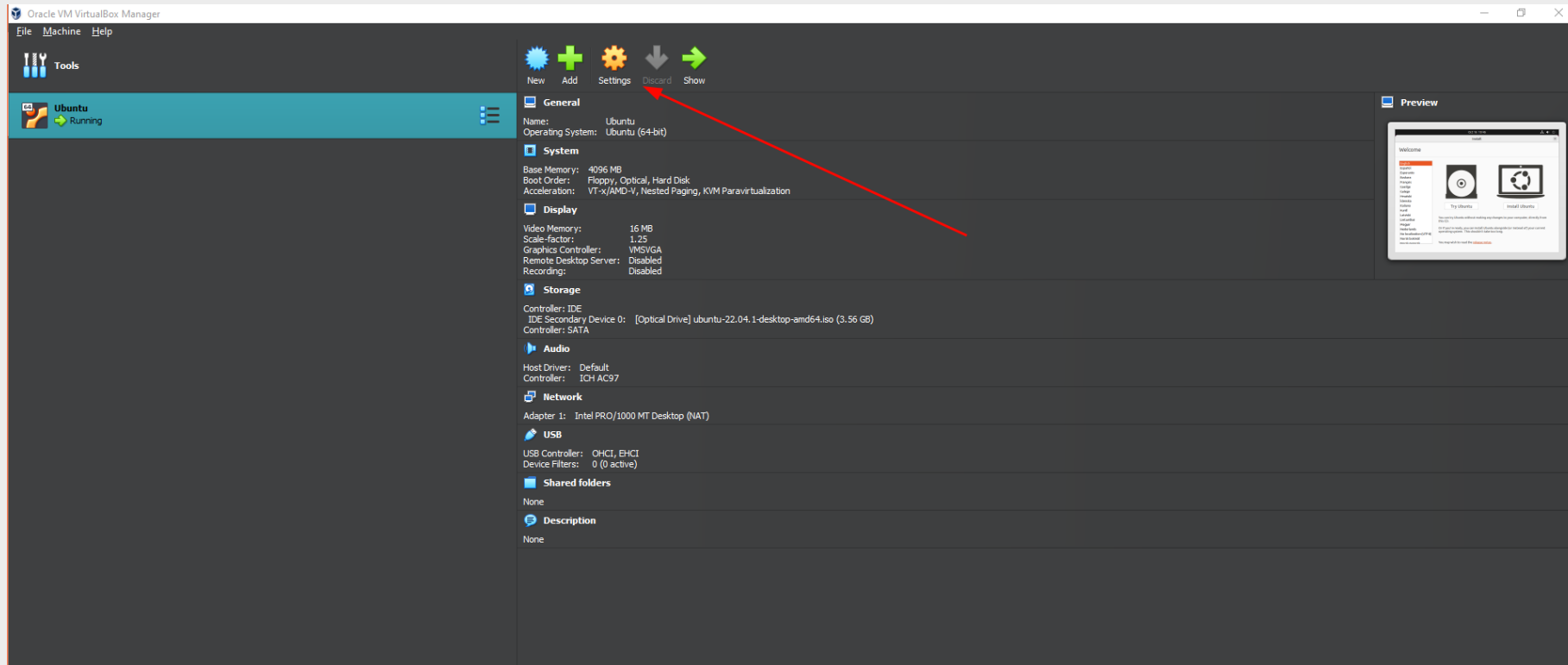
Step 4

- Assign Storage size to your Virtual Machine.



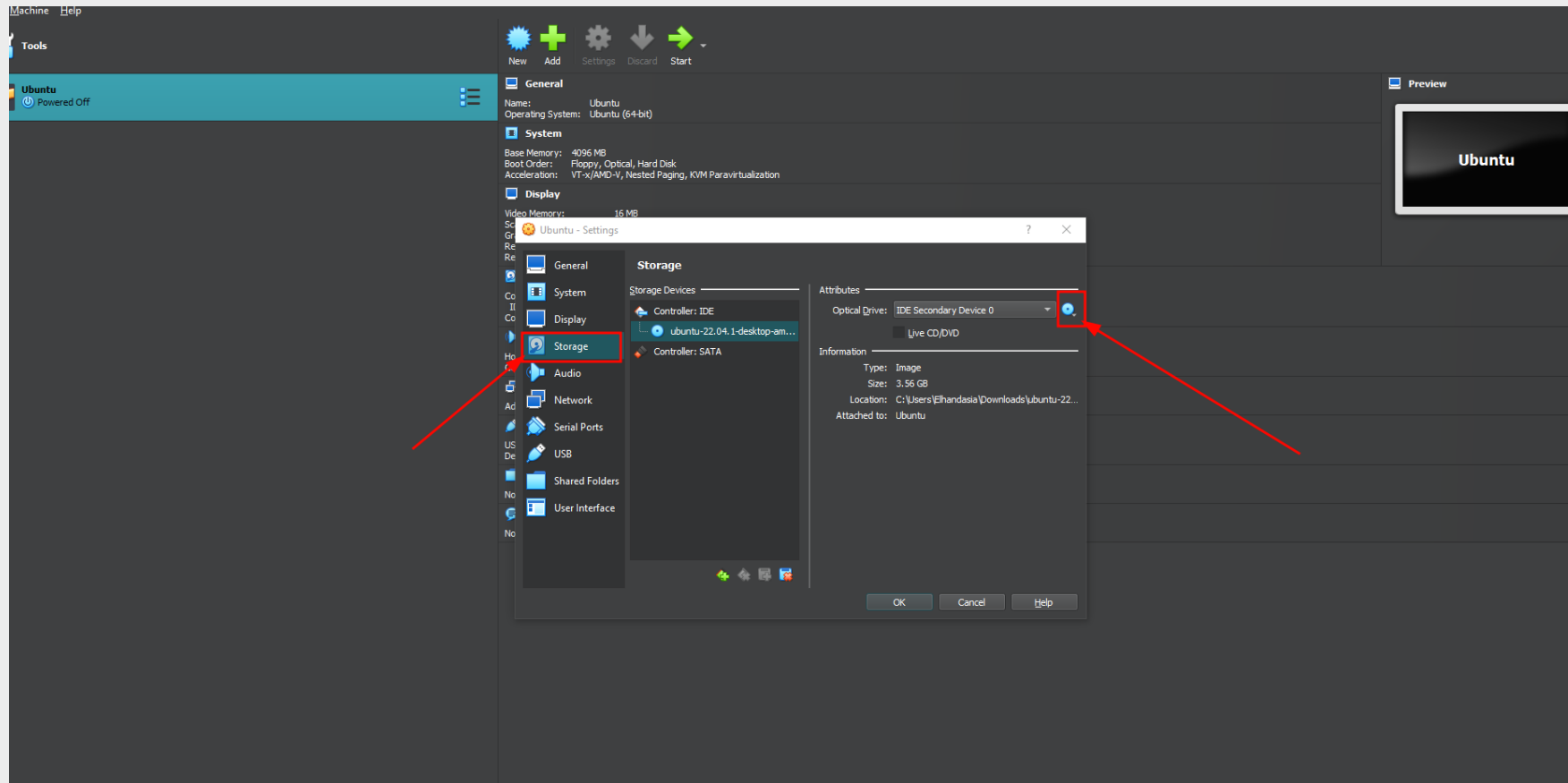
Step 5

- Click on the settings button.



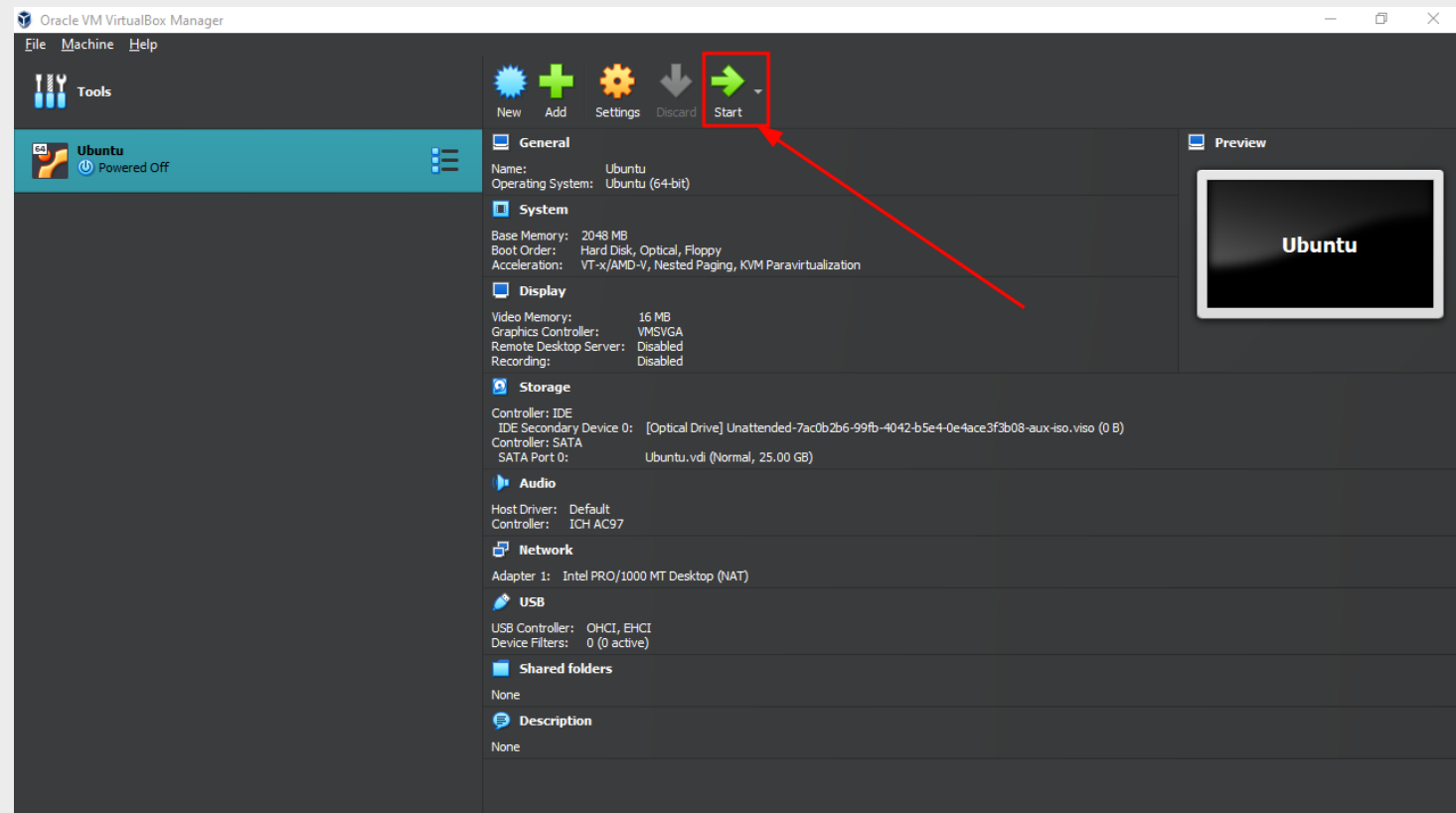
Step 6

- Click on the settings button then click on the second button on the picture and assign your operating system



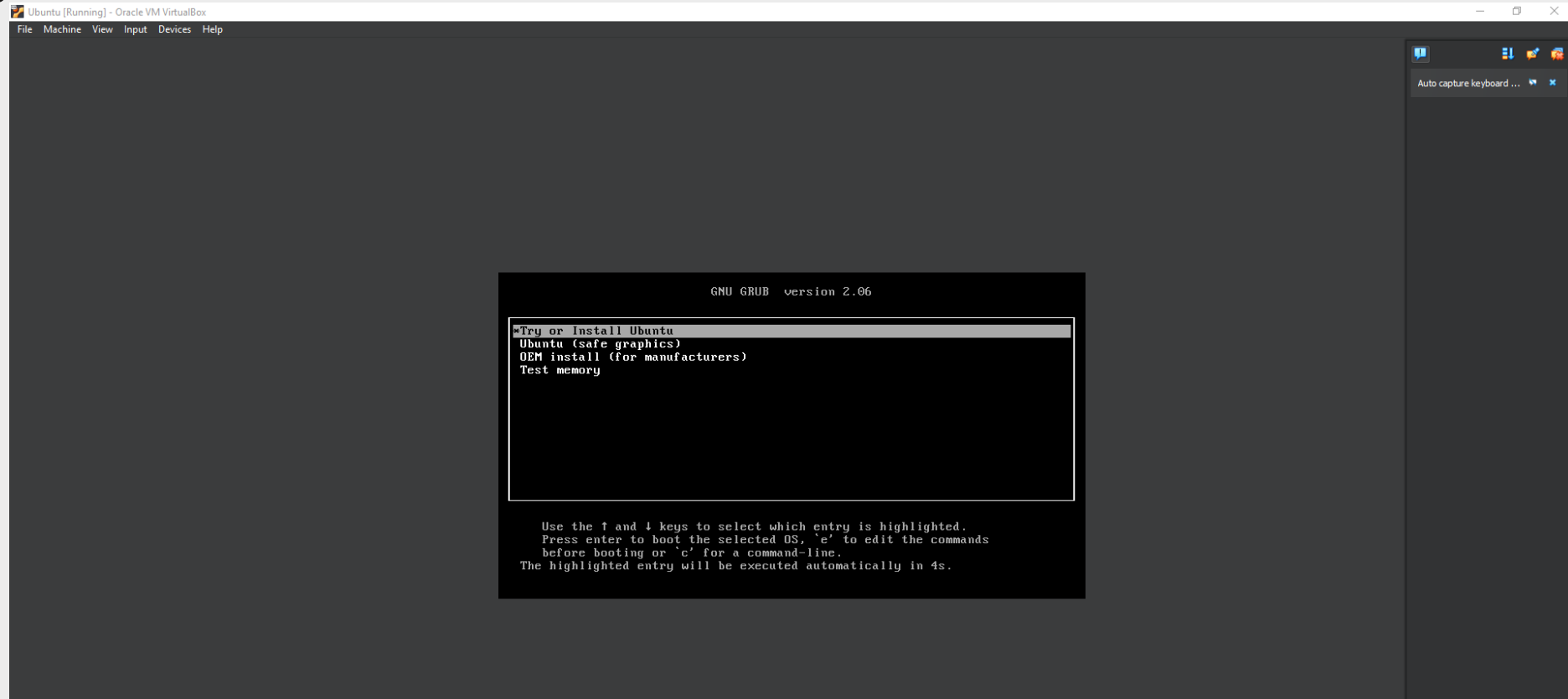
Step 7

- After the Disk creation is done, boot the Virtual Machine and begin installing Ubuntu.



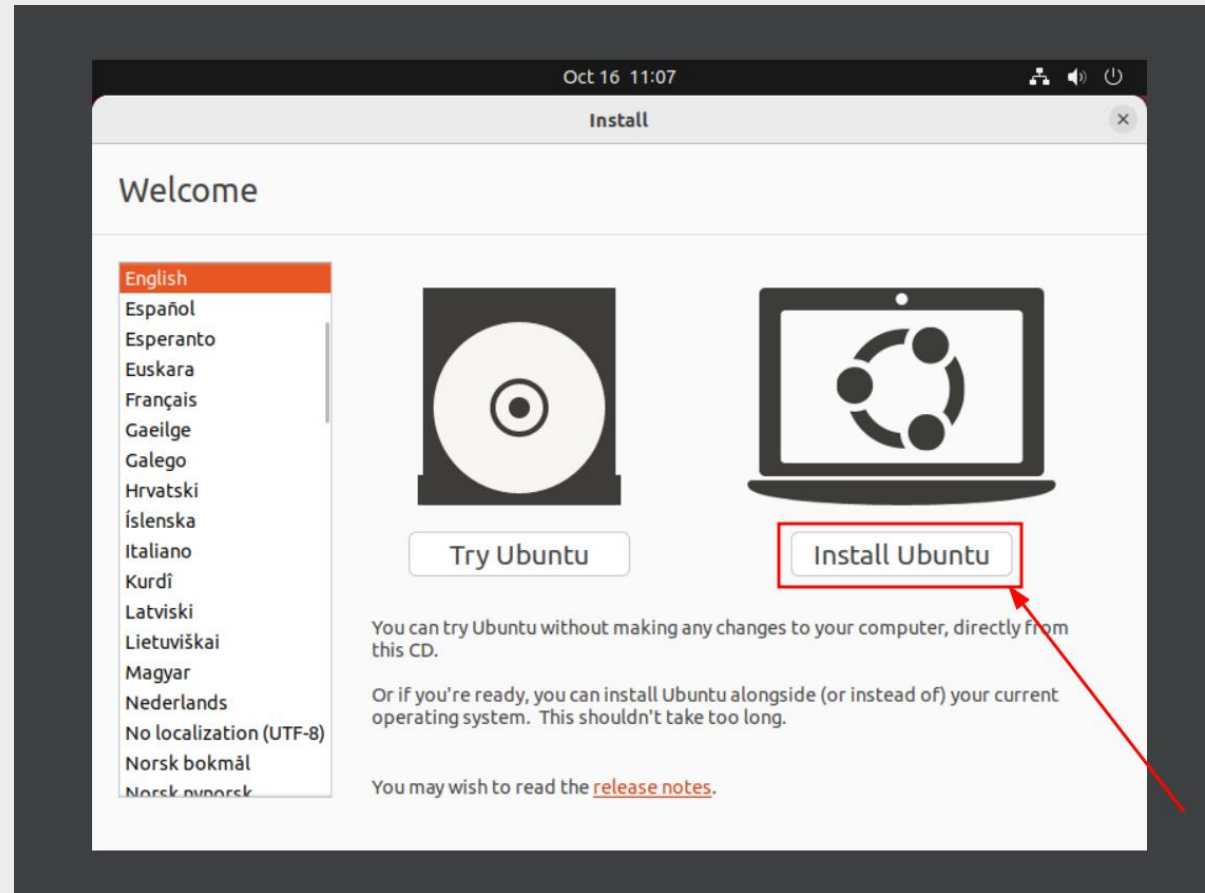
Step 7

- Select Try or Install Ubuntu.



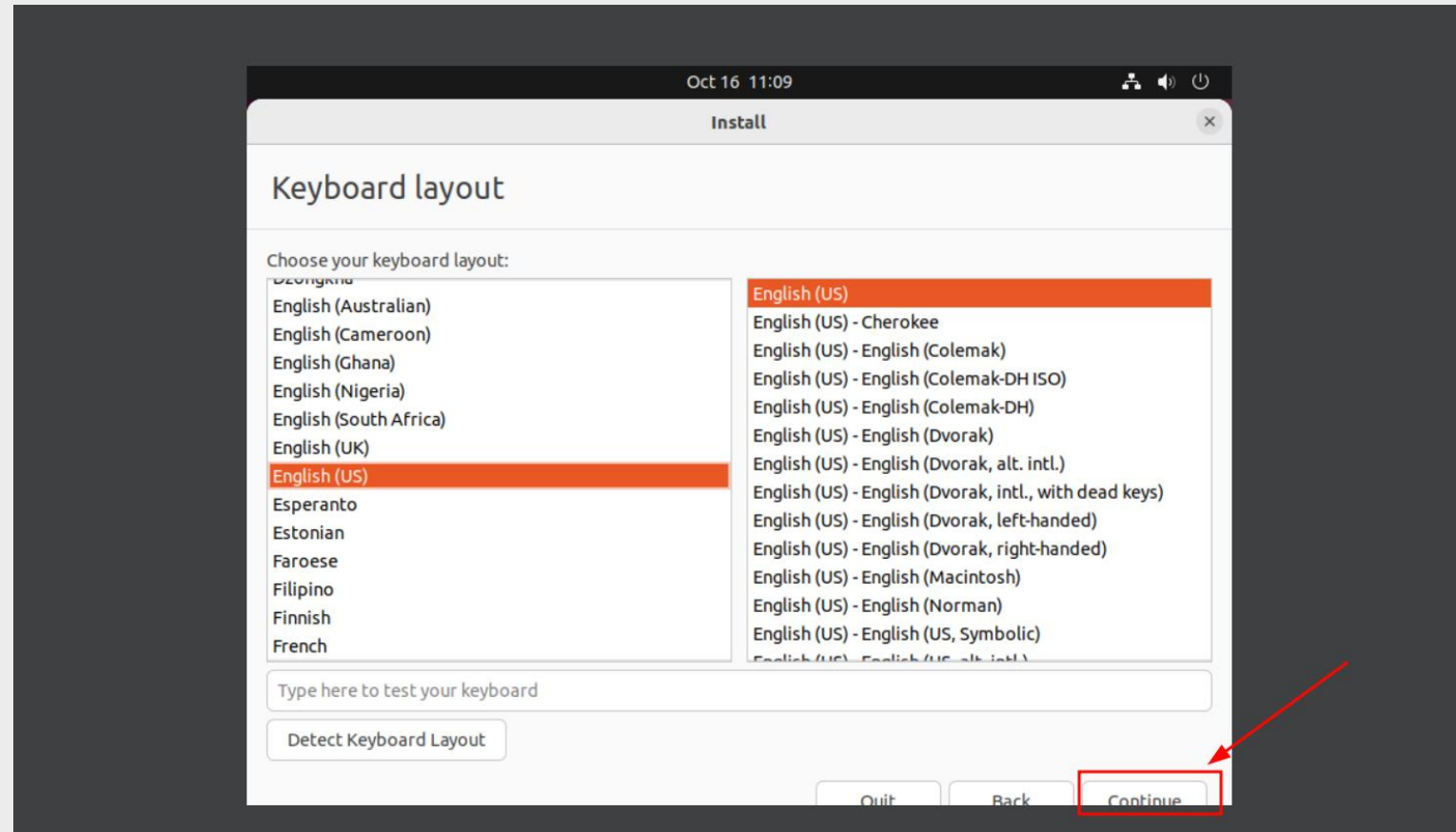
Step 8

- Click on the install button.



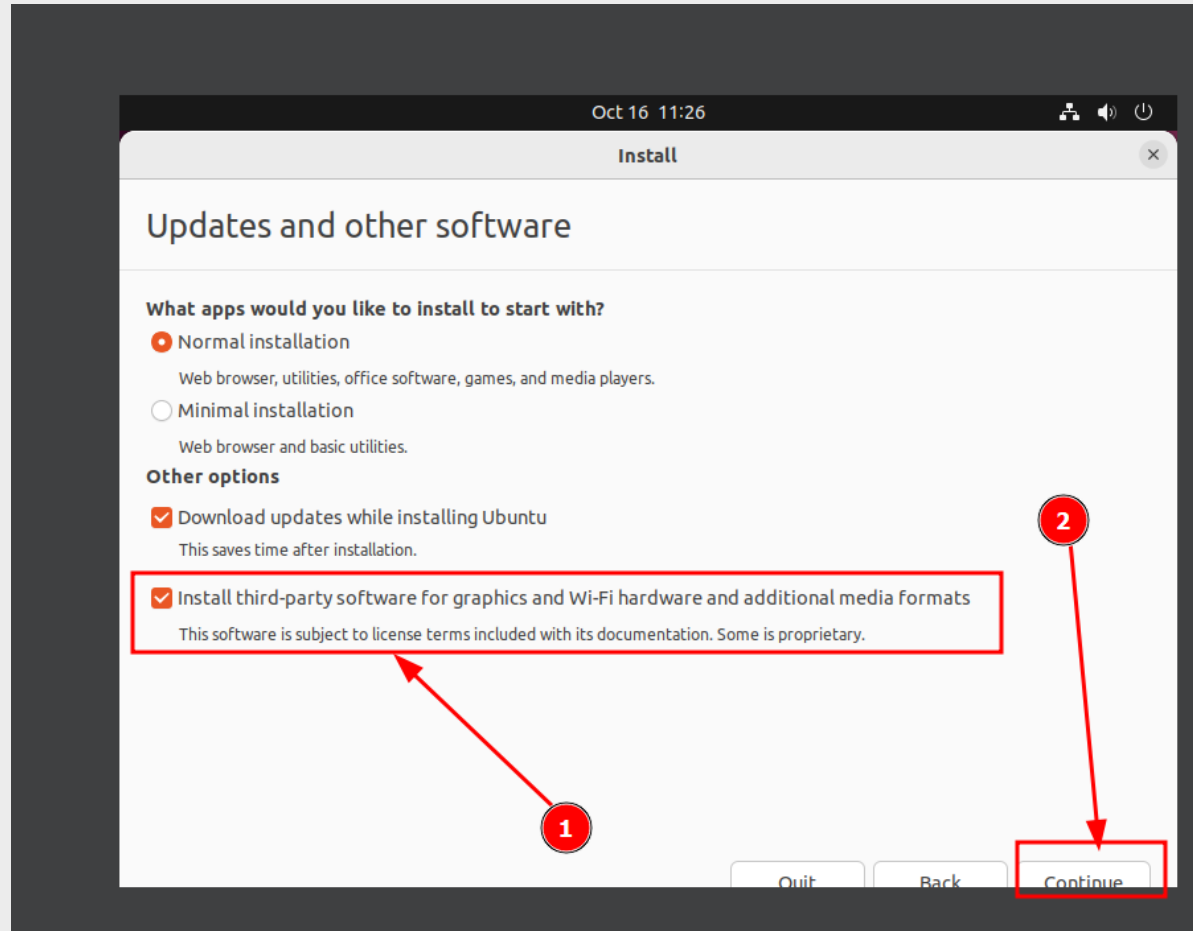
Step 9

- Click on the install continue button.



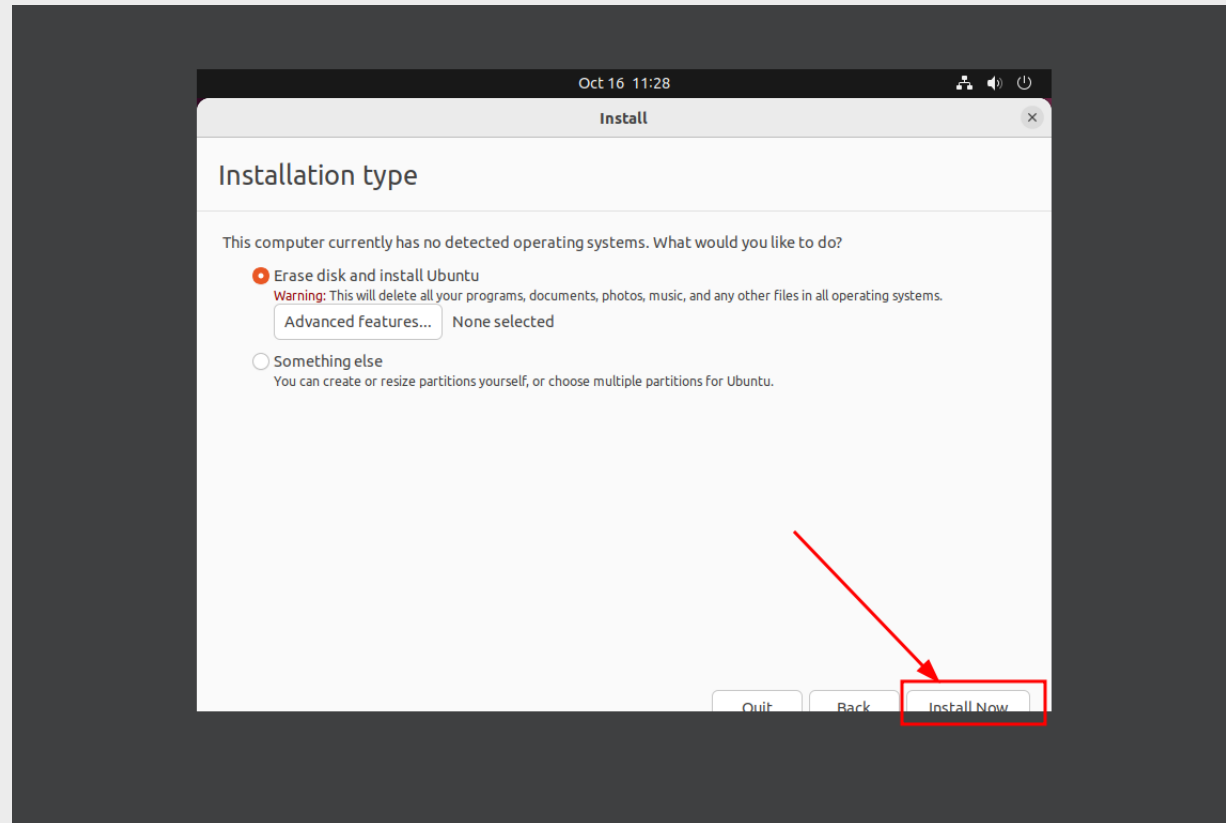
Step 10

- Click on the install third-party then click on the continue button.



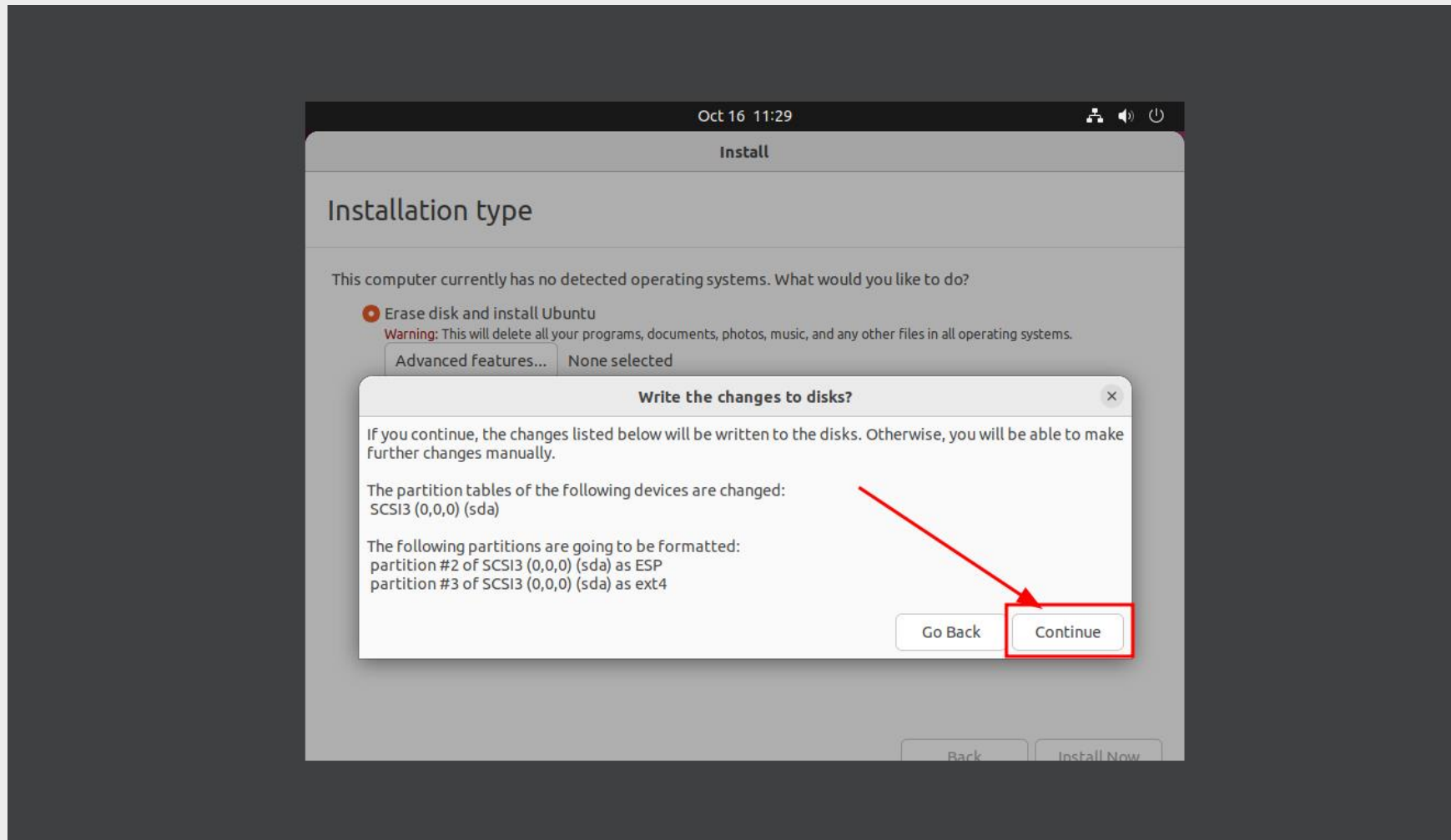
Step 11

- Click on the install now button



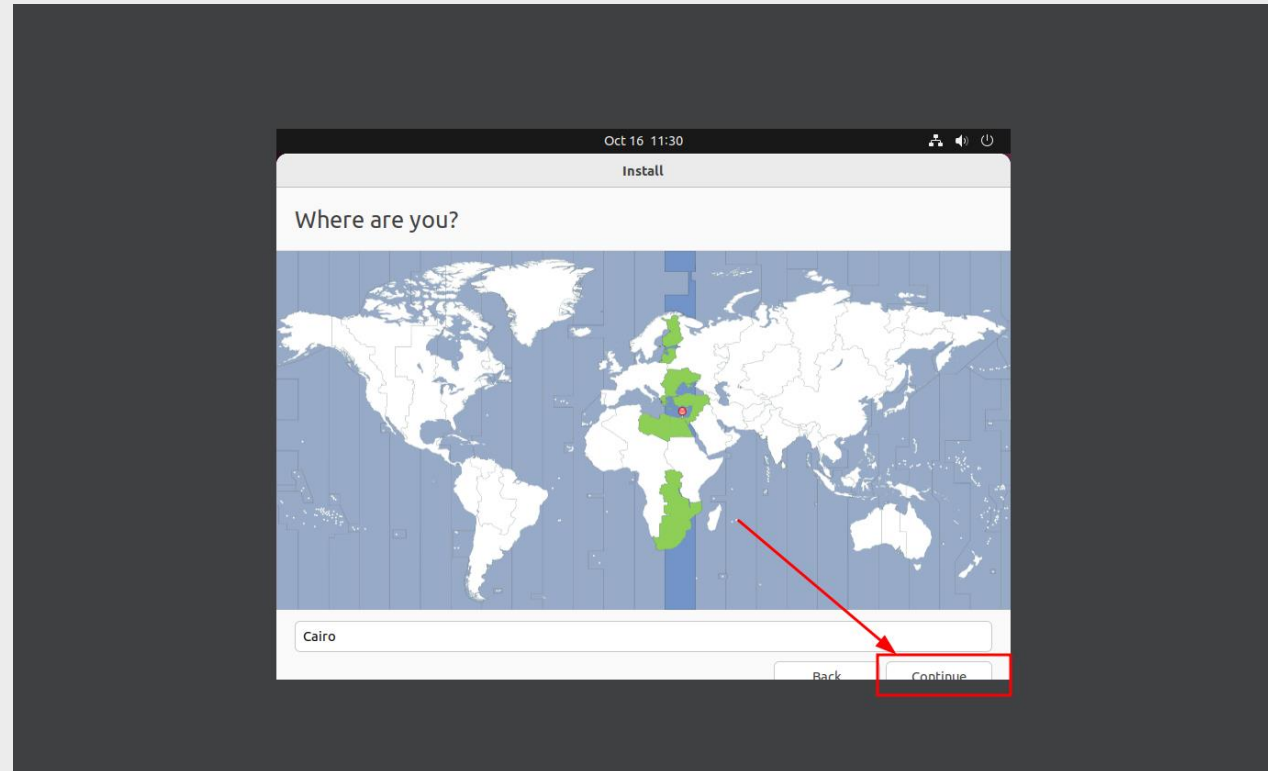
Step 12

- Click on the Continue button



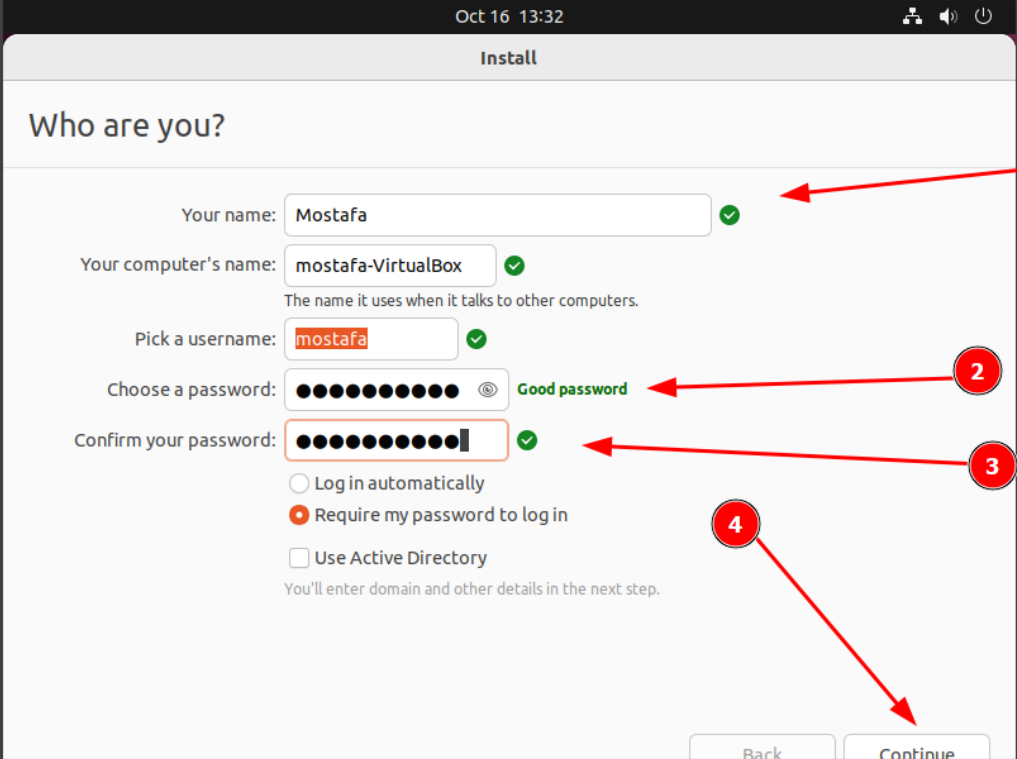
Step 13

- Assign time then click on the continue button



Step 14

- Assign Name and Password then click on the continue button



The screenshot shows the 'Who are you?' screen in the Ubuntu installer. The window title is 'Install' and the time is 'Oct 16 13:32'. The form contains the following fields and options:

- Your name:** Mostafa (with a green checkmark icon to the right, labeled with a red circle 1 and an arrow).
- Your computer's name:** mostafa-VirtualBox (with a green checkmark icon to the right).
- Pick a username:** mostafa (with a green checkmark icon to the right).
- Choose a password:** [masked] (with a green checkmark icon to the right and the text 'Good password' in green, labeled with a red circle 2 and an arrow).
- Confirm your password:** [masked] (with a green checkmark icon to the right, labeled with a red circle 3 and an arrow).
- ☐ Log in automatically
- ☒ Require my password to log in
- ☐ Use Active Directory
- You'll enter domain and other details in the next step.
- Buttons:** Back and Continue (labeled with a red circle 4 and an arrow pointing to the Continue button).



Step 15

Waiting, you don't need to do anything else.

