

modified date : 5.4.2017

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How to install Ubuntu on VirtualBox

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Install VirtualBox

- Download VirtualBox from <https://www.virtualbox.org>



The screenshot shows the VirtualBox website homepage. At the top left is the VirtualBox logo, a blue cube with 'ORACLE' and 'VirtualBox' on its sides. The main heading is 'VirtualBox' in a large, dark blue font. Below it is a 'Welcome to VirtualBox.org!' message. The page is divided into several sections: a left sidebar with navigation links, a main content area with introductory text and a large 'Download VirtualBox 5.1' button, and a right sidebar with a 'News Flash' section. A red arrow points to the 'Download VirtualBox 5.1' button.

VirtualBox

Welcome to VirtualBox.org!

VirtualBox is a powerful x86 and AMD64/Intel64 [virtualization](#) product for enterprise as well as home use. Not only is VirtualBox an extremely feature rich, high performance product for enterprise customers, it is also the only professional solution that is freely available as Open Source Software under the terms of the GNU General Public License (GPL) version 2. See "[About VirtualBox](#)" for an introduction.

Presently, VirtualBox runs on Windows, Linux, Macintosh, and Solaris hosts and supports a large number of [guest operating systems](#) including but not limited to Windows (NT 4.0, 2000, XP, Server 2003, Vista, Windows 7, Windows 8, Windows 10), DOS/Windows 3.x, Linux (2.4, 2.6, 3.x and 4.x), Solaris and OpenSolaris, OS/2, and OpenBSD.

VirtualBox is being actively developed with frequent releases and has an ever growing list of features, supported guest operating systems and platforms it runs on. VirtualBox is a community effort backed by a dedicated company: everyone is encouraged to contribute while Oracle ensures the product always meets professional quality criteria.

Download VirtualBox 5.1

Hot picks:

- Pre-built virtual machines for developers at [Oracle Tech Network](#)
- **Hyperbox** Open-source Virtual Infrastructure Manager [project site](#)
- **phpVirtualBox** AJAX web interface [project site](#)
- **IQEmu** automated Windows VM creation, application integration <http://mirage335-site.member.hacdc.org:6380/wiki/Category:IQEmu>

News Flash

- **New April 28th, 2017 VirtualBox 5.1.22 released!**
Oracle today released a 5.1 maintenance release which improves stability and fixes regressions. See the [Changelog](#) for details.
- **Important December 2nd, 2016 We're hiring!**
Looking for a new challenge? We're looking for a GUI developer (Germany/European Union).
- **New July 12th, 2016 VirtualBox 5.1 released!**
Many enhancements and improvements. Read more in the [announcement](#).

[More information...](#)

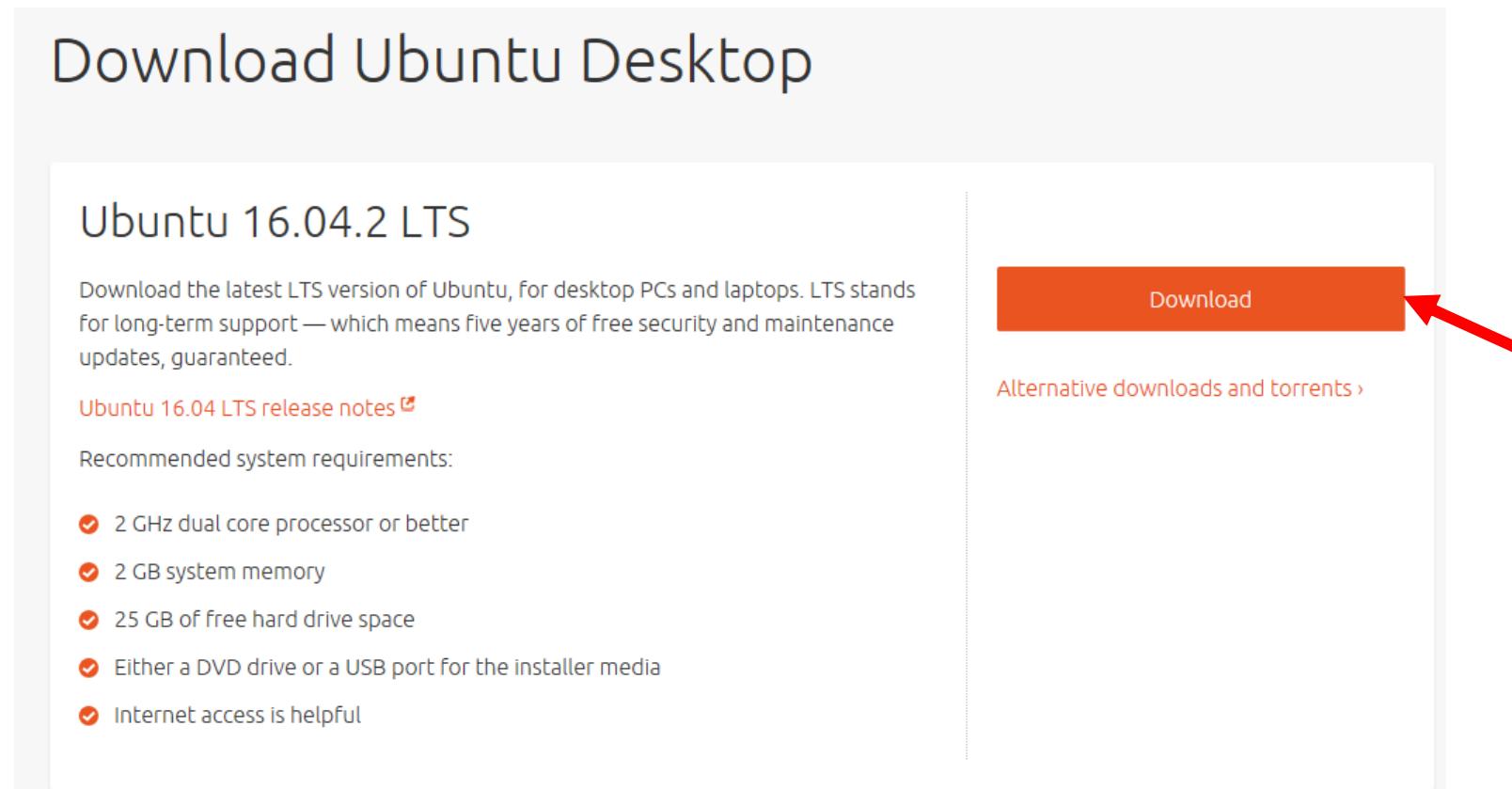
Install VirtualBox

- Push Next button again and again...(easy. right?)



Download Ubuntu Image

- Download Ubuntu Image from <https://www.ubuntu.com/download/desktop>



Download Ubuntu Desktop

Ubuntu 16.04.2 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.

[Ubuntu 16.04 LTS release notes](#)

Recommended system requirements:

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

[Download](#)

[Alternative downloads and torrents >](#)

Download Ubuntu Image

- Or you can choose other versions.

BitTorrent

BitTorrent is a peer-to-peer download network that sometimes enables higher download speeds and more reliable downloads of large files. You will need to install a BitTorrent client on your computer in order to enable this download method.

Ubuntu 16.04.2 LTS

(64-bit) >

Ubuntu 16.04.2 Desktop (64-bit) >

(32-bit) >

Ubuntu 16.04.2 Desktop (32-bit) >

(64-bit) >

Ubuntu 16.04.2 Server (64-bit) >

(32-bit) >

Ubuntu 16.04.2 Server (32-bit) >

Ubuntu 14.04.5 LTS

Ubuntu 14.04.5 Desktop (64-bit) >

Ubuntu 14.04.5 Desktop (32-bit) >

Ubuntu 14.04.5 Server (64-bit) >

Ubuntu 14.04.5 Server (32-bit) >

Download

Alternative downloads and torrents >



2 LTS

version of Ubuntu, for desktop PCs and laptops. LTS stands for Long Term Support, which means five years of free security and maintenance

features >

requirements:

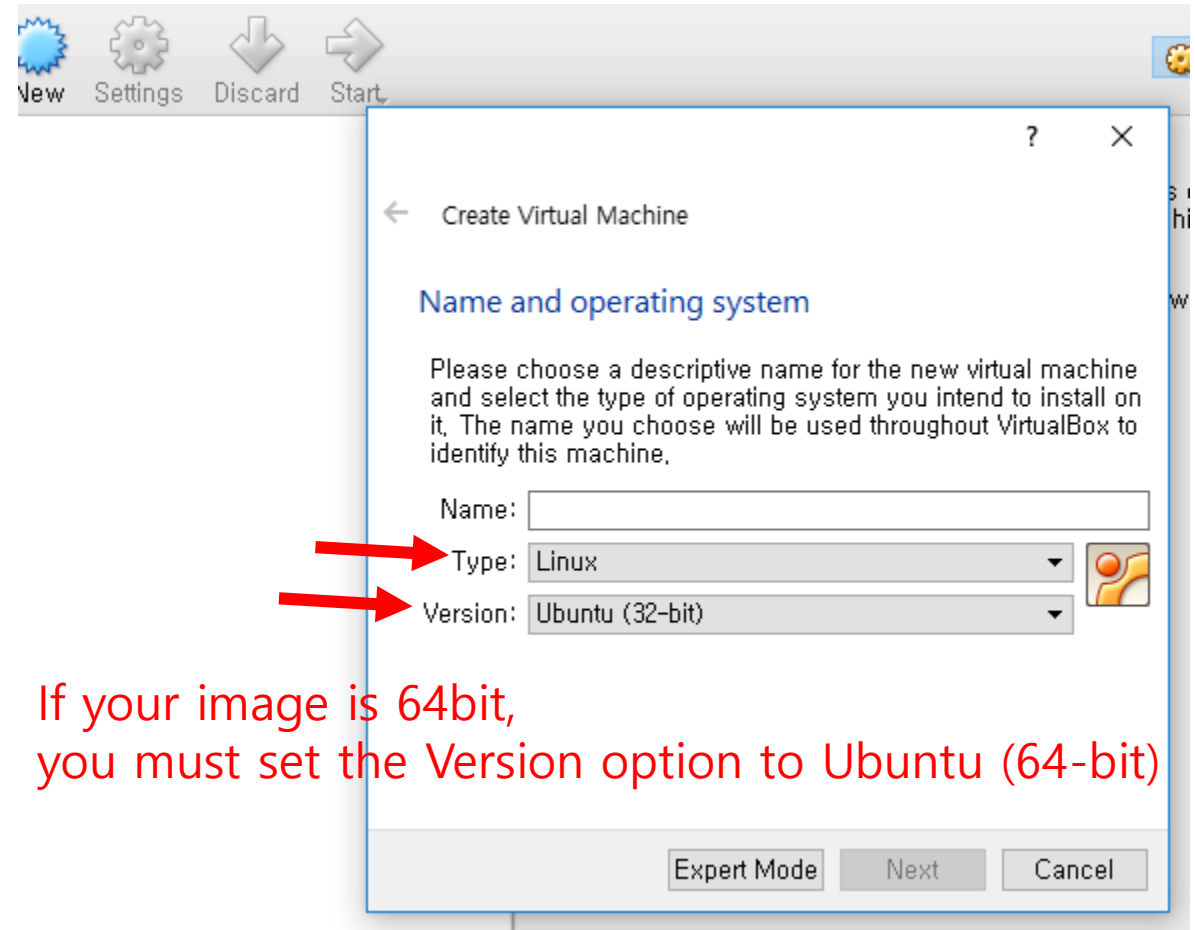
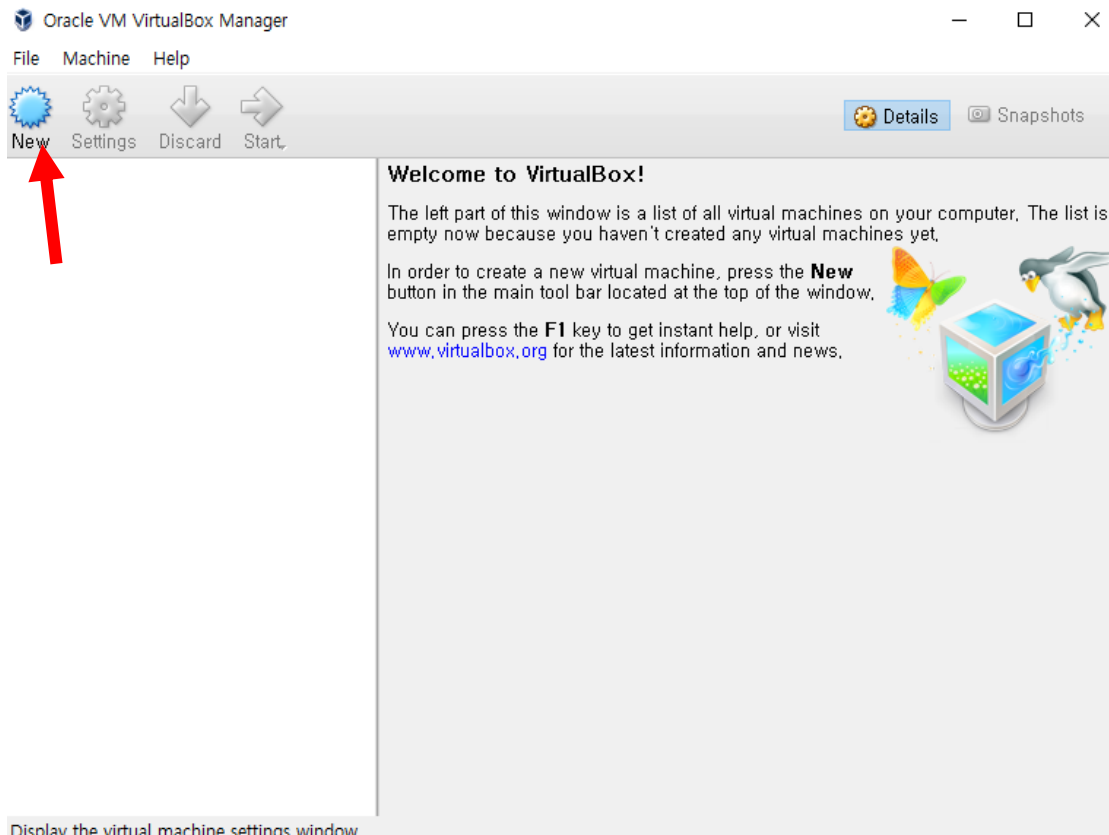
or better

space

USB port for the installer media

Install Ubuntu using VirtualBox

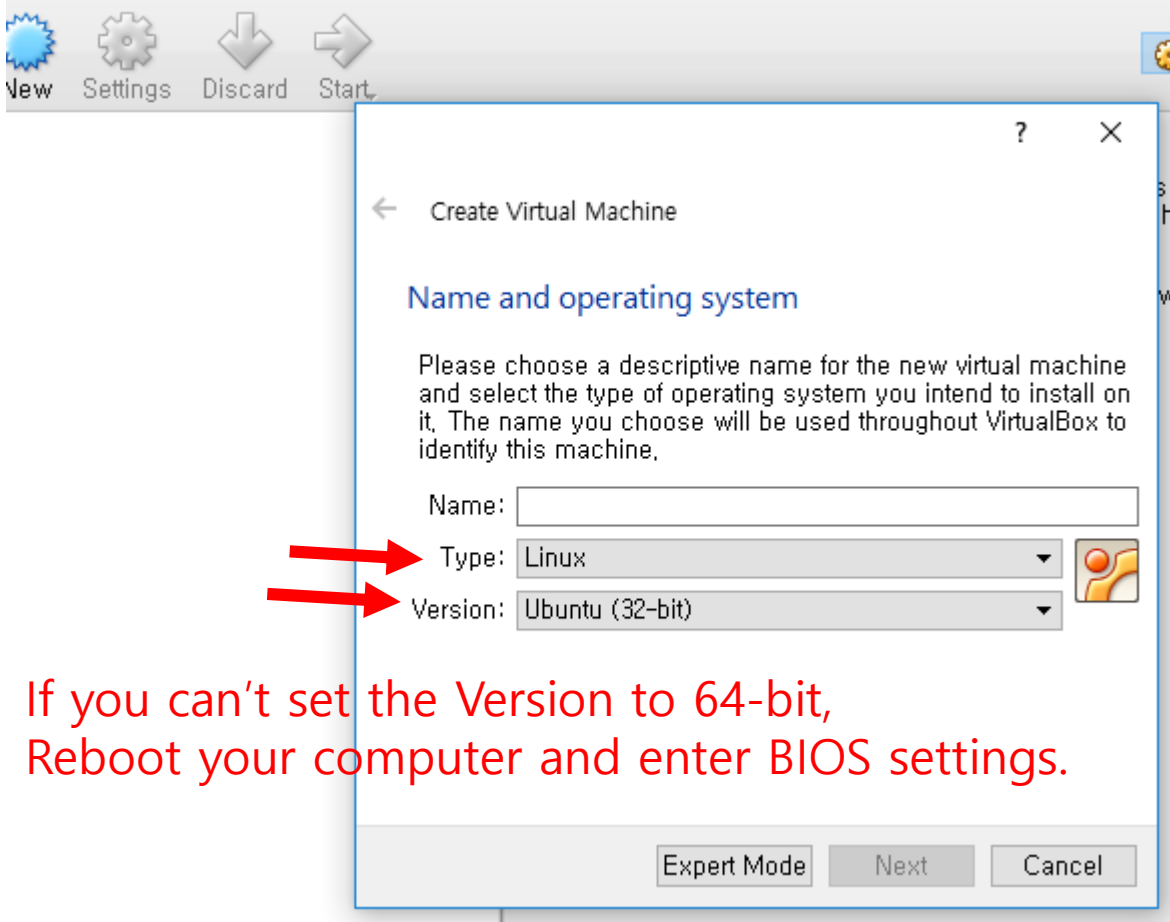
- Create New Virtual Machine.



Skip this page, when your image is not 64-bit.

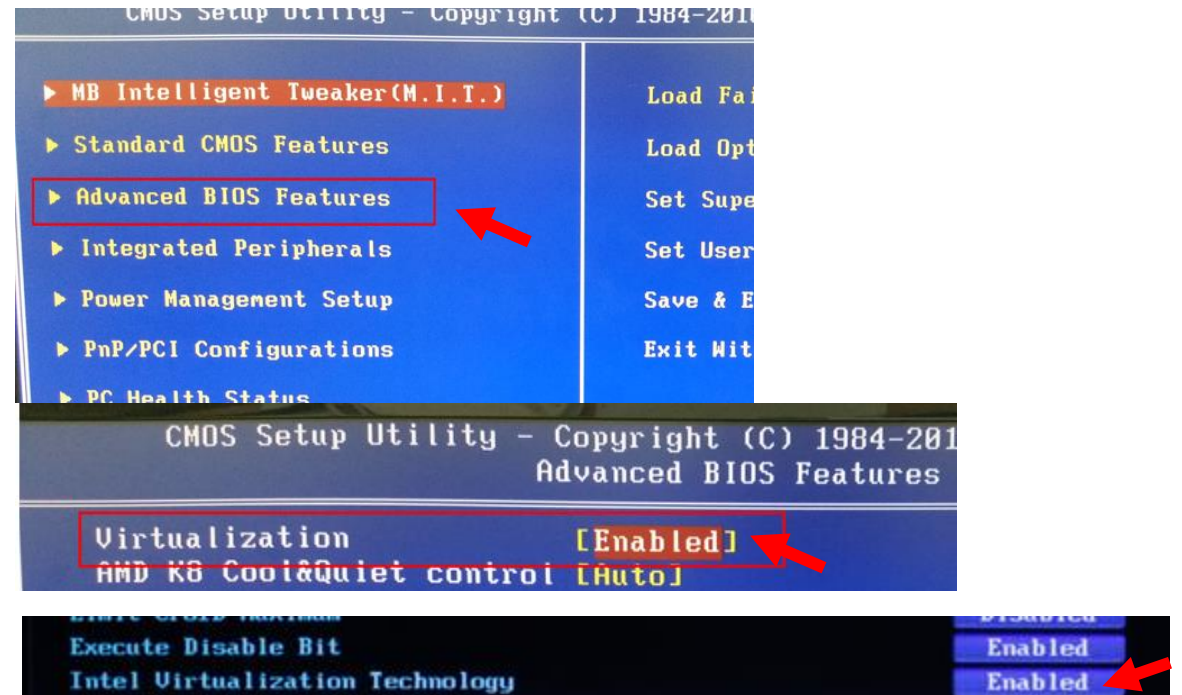
Install Ubuntu using VirtualBox

- Create New Virtual Machine.



If you can't set the Version to 64-bit, Reboot your computer and enter BIOS settings.

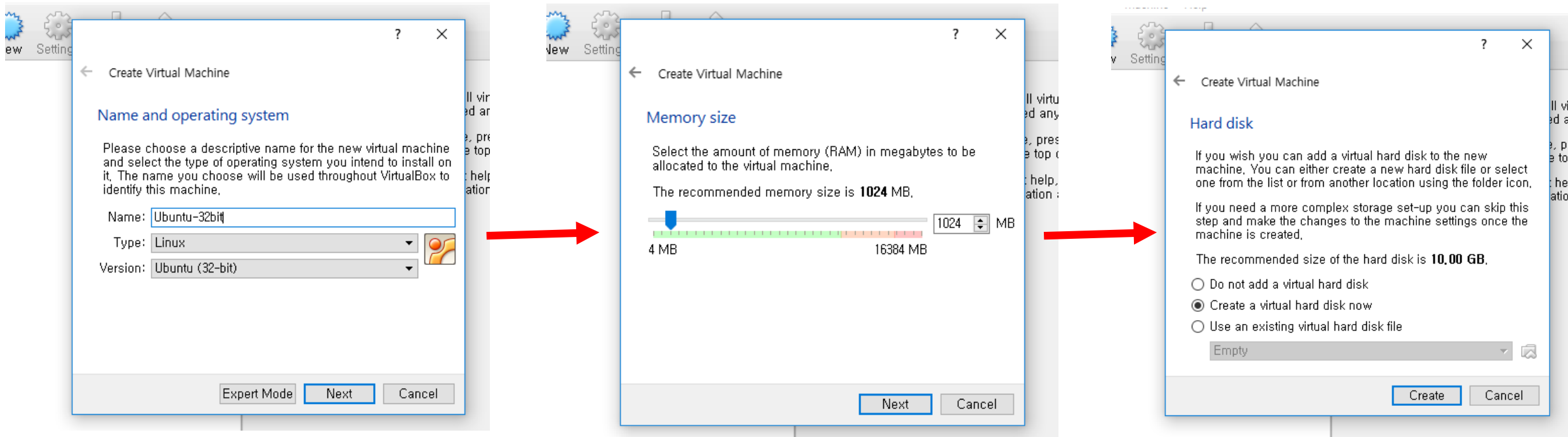
Enable CPU Virtualization option.



If you are wondering more about this step, do google about VT-X and VT-D.

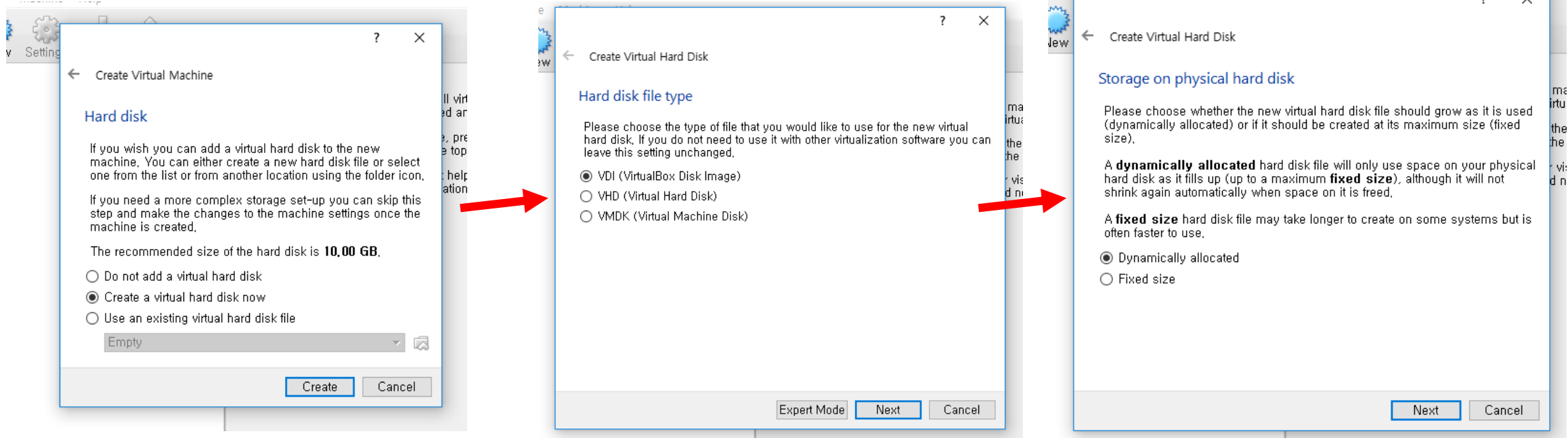
Install Ubuntu using VirtualBox

- Create New Virtual Machine.



Install Ubuntu using VirtualBox

- Create New Virtual Machine.



Install Ubuntu using VirtualBox

- Create New Virtual Machine.

Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

Dynamically allocated
 Fixed size

Next Cancel

File location and size

Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.

Ubuntu-32bit

Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.

4,00 MB 2,00 TB 32,00 GB

Create Cancel

File Machine Help

New Settings Discard Start

Ubuntu-32bit
Powered Off

General

Name: Ubuntu-32bit
Operating System: Ubuntu (32-bit)

System

Base Memory: 1024 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX, KVM Paravirtualization

Display

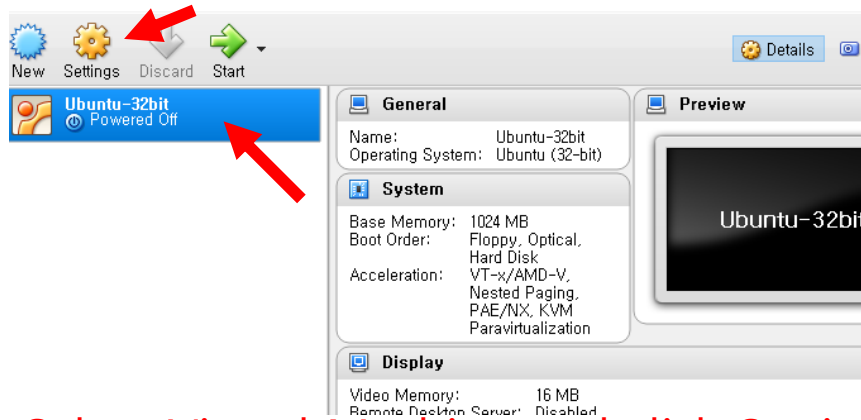
Video Memory: 16 MB
Remote Desktop Server: Disabled
Video Capture: Disabled

Preview

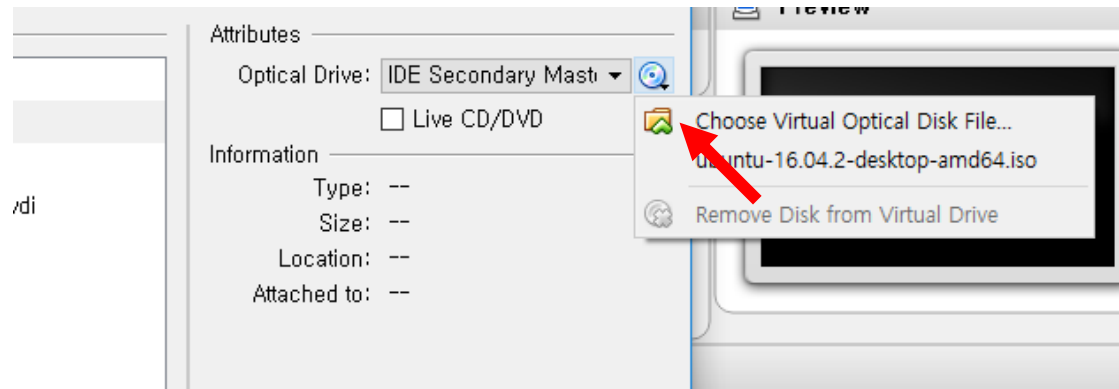
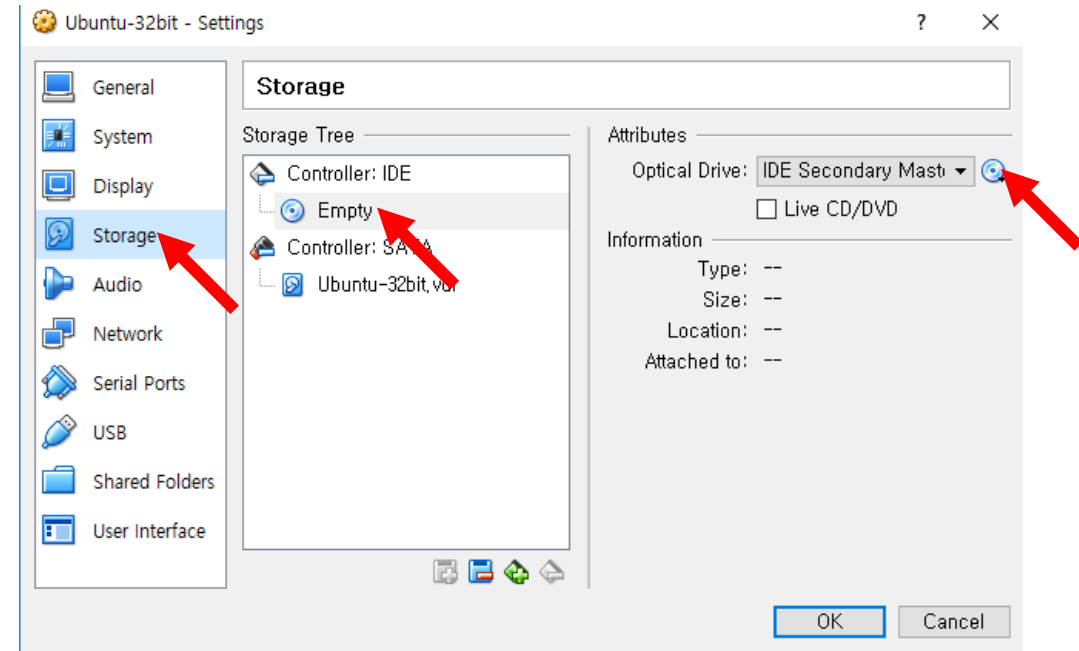
Ubuntu

Recommend 32GB Virtual Disk Space.

Configure virtual machine option

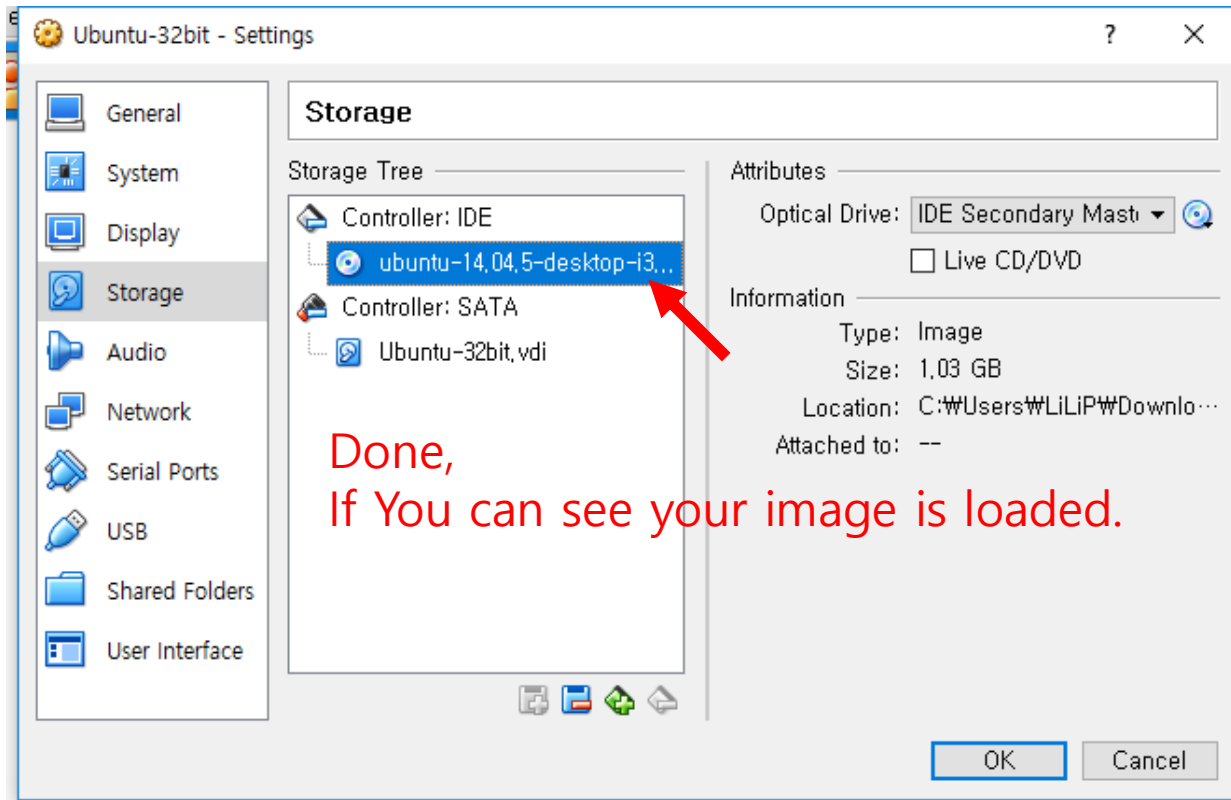


Select Virtual Machine and click Settings.

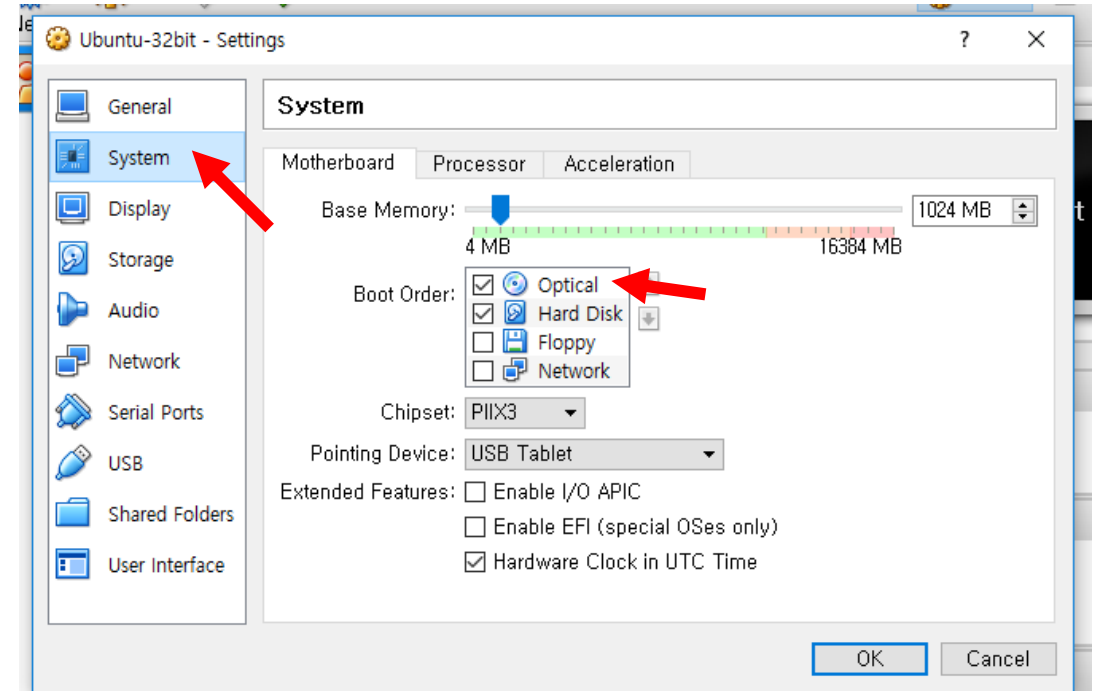
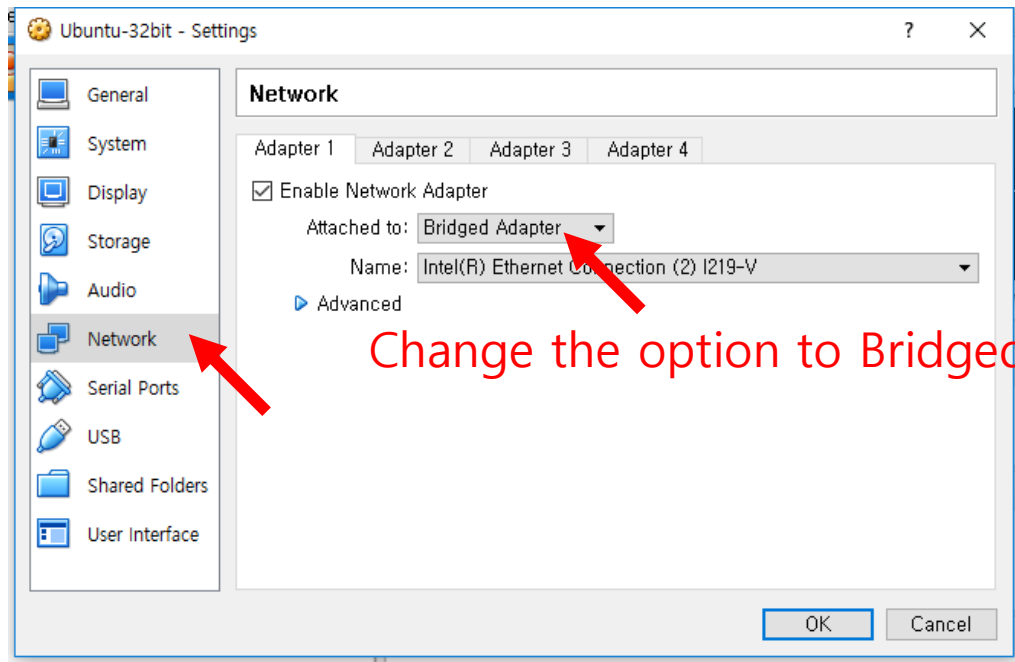


Choose your Ubuntu image.
Remember your VM options.
you must choose 64-bit image,
if your VM option is Ubuntu 64-bit.

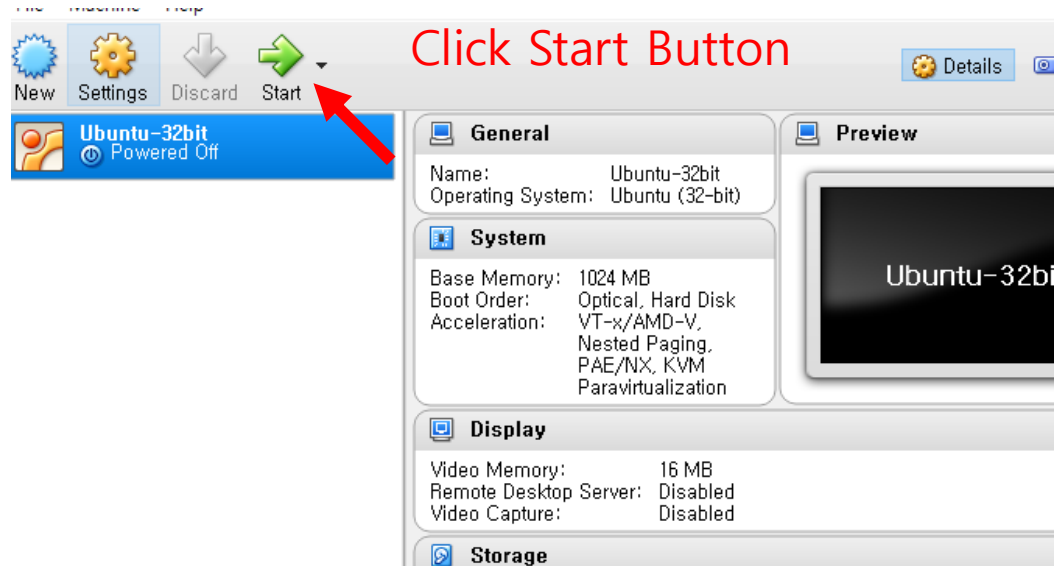
Configure virtual machine option



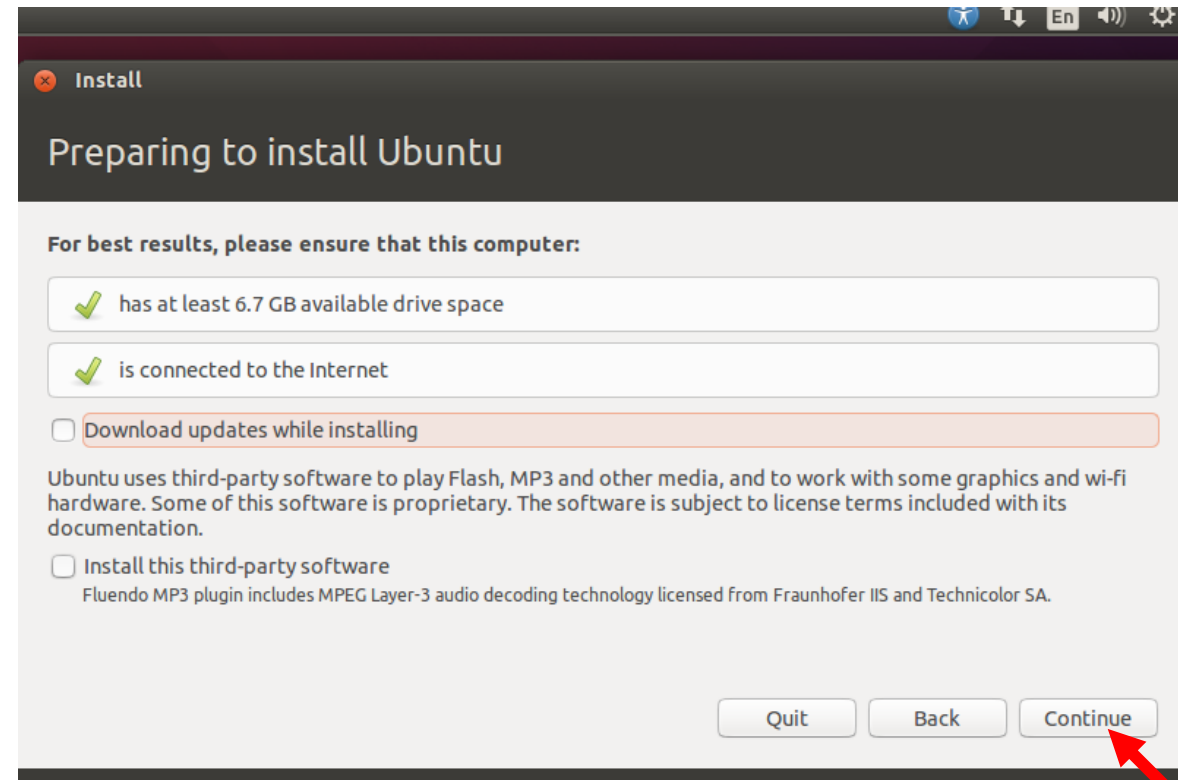
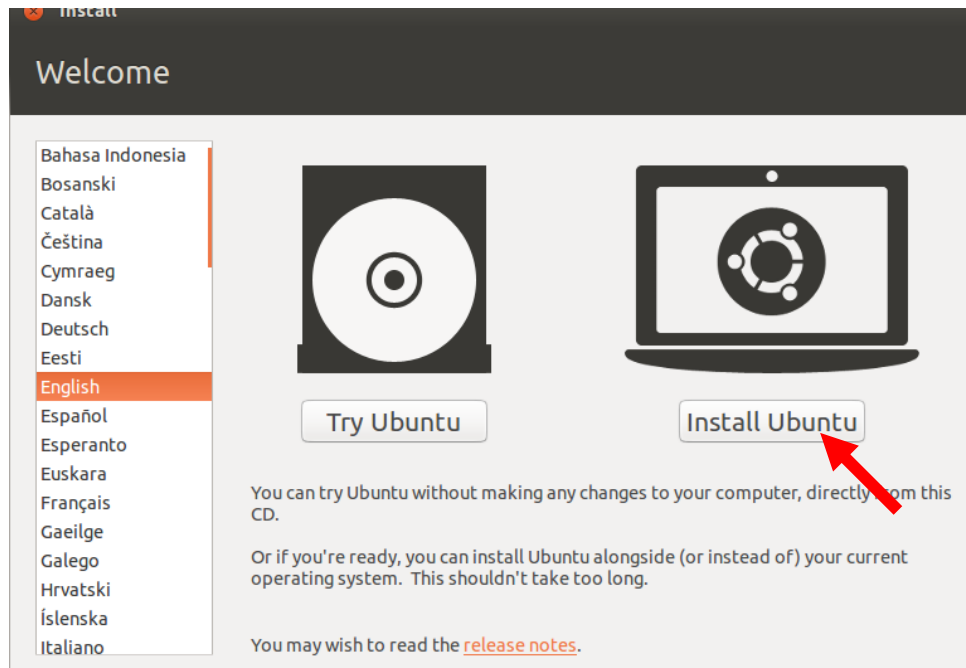
Configure virtual machine option



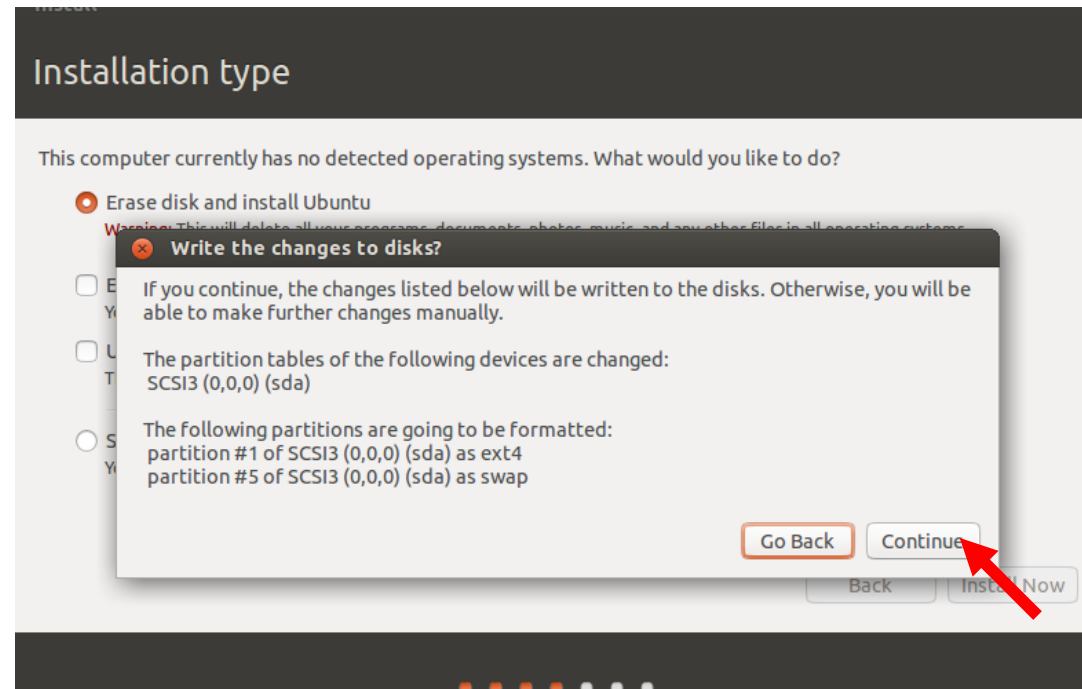
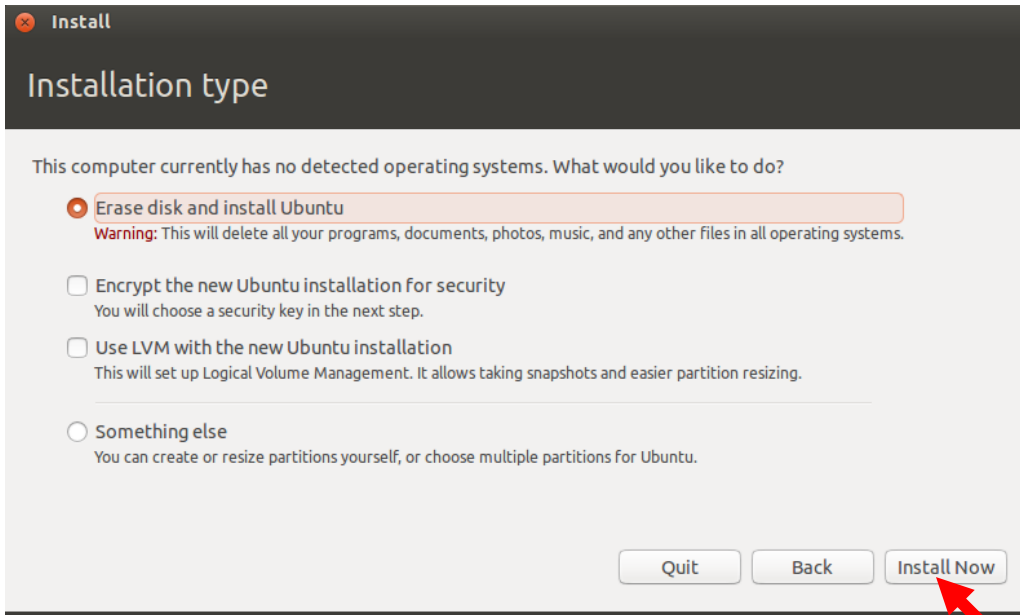
Configure virtual machine option



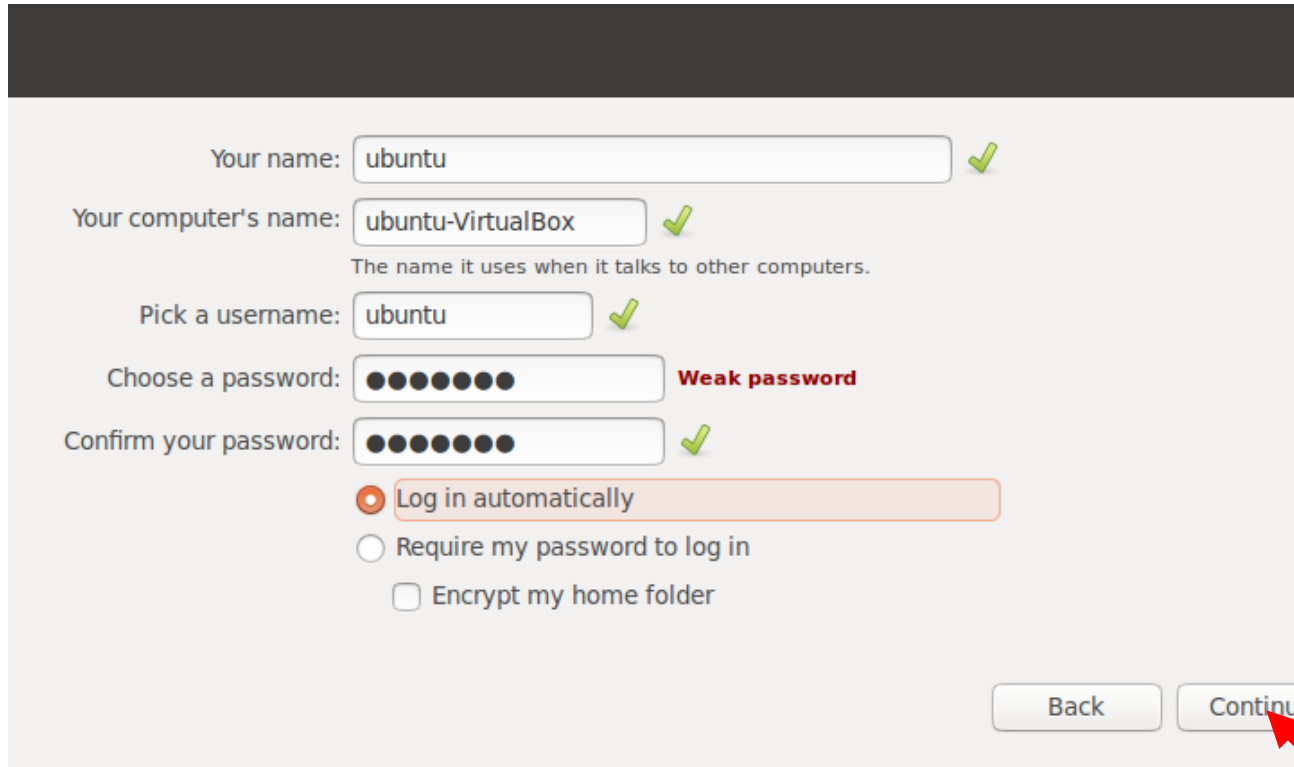
Install Ubuntu using VirtualBox



Install Ubuntu using VirtualBox



Install Ubuntu using VirtualBox



Your name: ✓

Your computer's name: ✓
The name it uses when it talks to other computers.

Pick a username: ✓

Choose a password: **Weak password**

Confirm your password: ✓

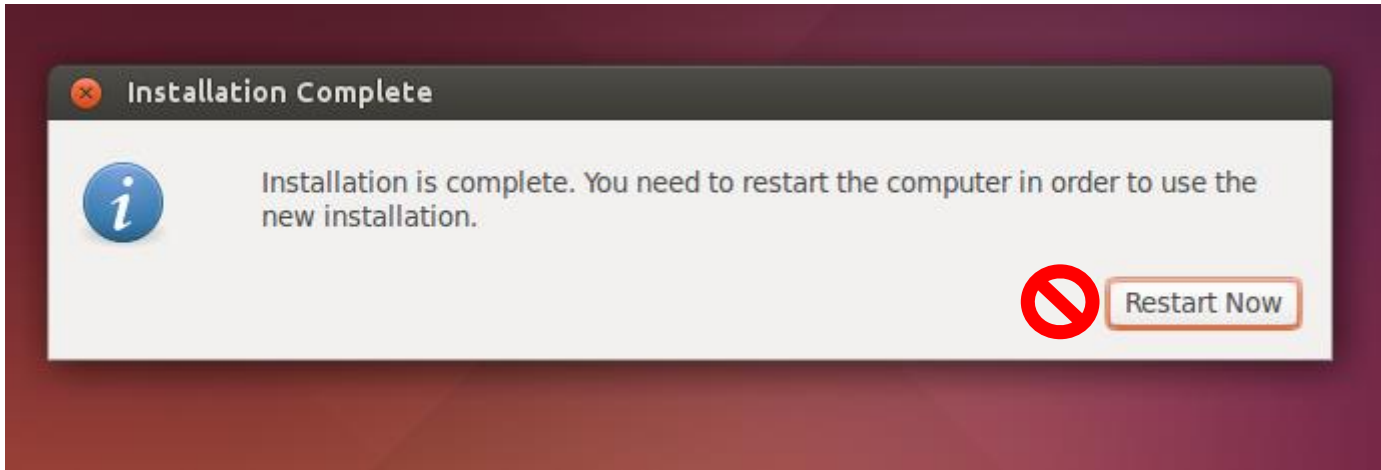
Log in automatically

Require my password to log in

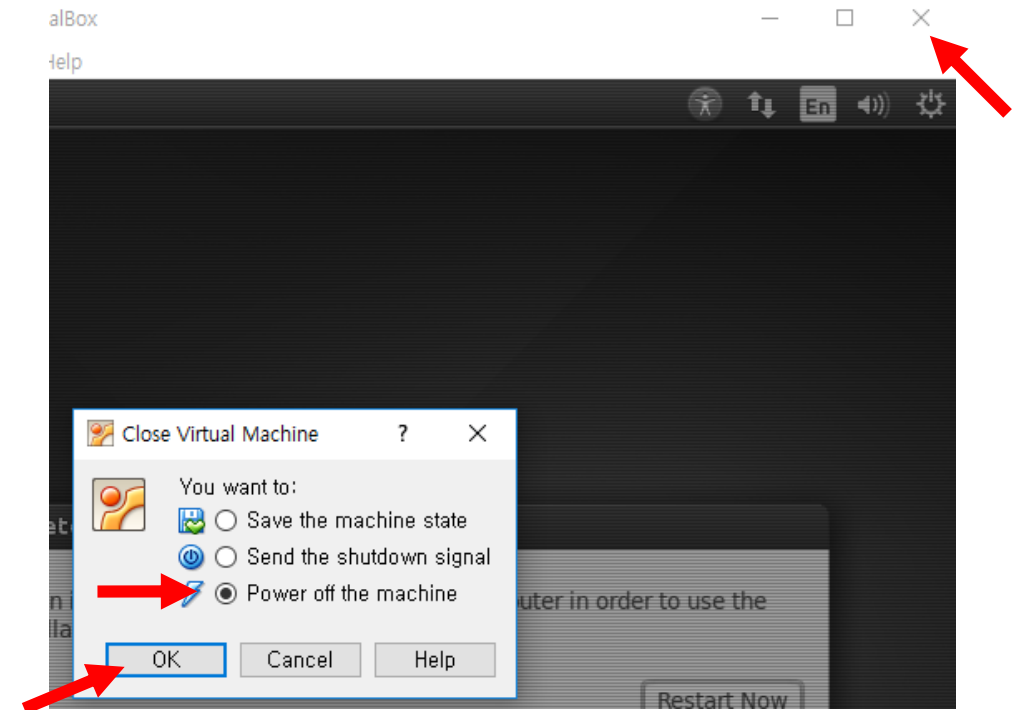
Encrypt my home folder

Click Continue button until this page appears and fill the information.

Install Ubuntu using VirtualBox

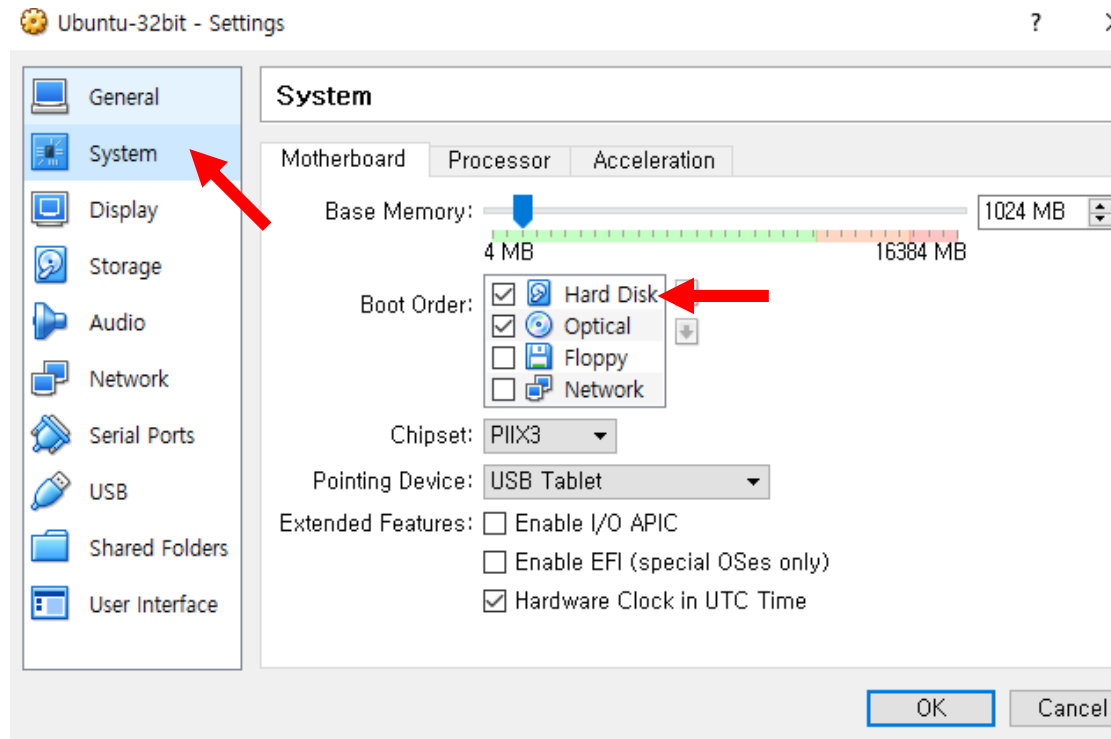


When Installation is done,
Do not Click "Restart Now" Button.



Turn off the virtual machine.

Install Ubuntu using VirtualBox



Lift up the Priority of the Hard Disk,
and start virtual machine.



Done!!
It's Easy,
isn't it?