

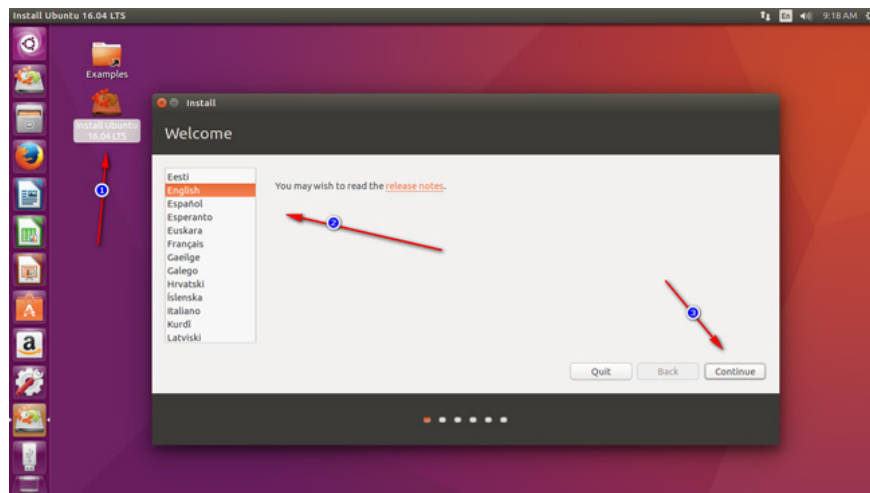
# Instructions to install Ubuntu directly from the hard drive

Ubuntu is one of the most popular Linux distributions. If you want to install Ubuntu, the simplest way is to use the hard drive. Follow the article below to see how to do it.

Ubuntu is one of the most popular Linux distributions. According to DistroWatch.com, Ubuntu and Linux Mint are the two most widely used Linux distros. Linux Mint is a derivative of Ubuntu. Besides, it is also a customized version of Ubuntu.

Because new versions of Ubuntu and Linux Mint are released every 6 months, there is no way to copy ISO files to blank discs.

1. Instructions for installing Ubuntu on VMware Workstation - Part 1
2. Instructions for installing Ubuntu on VMware Workstation - Part 2
3. How to install Ubuntu and still keep Windows



## So how to install Ubuntu or Linux Mint without copying ISO files?

There are two answers to the above question:

1. Install from USB Flash Drive boot.
2. Install directly from the hard drive.

There are lots of tutorials and tools to help you create bootable USB drives to install Ubuntu.

In this article, I will show you how to install Ubuntu (and its derivatives) directly from the hard drive.

## Advantages of installing Ubuntu directly from your hard drive

1. Secondary media such as CD, DVD or USB Flash Drive are not required.
2. Faster installation.
3. No need to change boot order. You just need to boot normally from the hard drive.

## Install Ubuntu from ISO using Grub4Dos

1. Install Grub4Dos on the hard drive. Grub4Dos is a powerful boot loader that supports ISO simulation.
2. Download Ubuntu to the root of any drive.
3. Add the following item to menu.lst.

title Install Ubuntu

```
find --set-root /ubuntu-11.04-desktop-i386.iso
```

```
map /ubuntu-11.04-desktop-i386.iso (0xff) || map --mem /ubuntu-11.04-desktop-i386.iso (0xff)
```

```
--hook map
```

```
root (0xff)
```

```
kernel / casper / vmlinuz = / cdrom / preseed / ubuntu.seed noprompt boot = casper only-ubiquity iso-scan /  
filename = / ubuntu-11.04-desktop-i386.iso quiet splash -
```

```
initrd /casper/initrd.lz
```

1. Restart and select **Install Ubuntu** in the Grub4dos menu.
2. After downloading the desktop directly, open the terminal and enter the following commands:

### sudo umount -l / isodevice

1. Now double click on **Install Ubuntu** . You can install Ubuntu.

### Note:

ISO hard disk defragmentation software has been downloaded by Wincontig. If your ISO is fragmented, grub4dos will try to load the entire ISO RAM. If RAM is not enough, it may cause some problems.

The above actions also work with Linux Mint. Just change the corresponding ISO file names in the menu.lst code.

If you want to install Ubuntu in the simplest way, please do the above!

Good luck!

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