



Sagar Institute of Research & Technology, Bhopal Department of Information Technology

Experiment :2

Aim: Installation, Configuration & Customizations of Unix/Linux.

Solution:

How to Install Linux

Let's look the below Linux installation guide which has various methods we can use to Download Linux (Ubuntu) and install it.

Installing Linux using USB stick

This is one of the easiest methods of installing Ubuntu or any distribution on your computer. Follow the steps to install Ubuntu from USB.

Step 1) Download the .iso or the OS files on your computer from this [link](#).

Download Ubuntu Desktop

Ubuntu 16.04.3 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 ›](#)

Step 2) Download free software like '[Universal USB installer](#) to make a bootable USB stick.



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Universal-USB-Installer-1.9.7.8.exe – May 2, 2017 – Changes
Update to support KDE Neon, Devuan, Vinari OS, and Ubuntu Budgie.

IMPORTANT: The Windows to Go option requires the USB be formatted NTFS with 20GB free disk space to hold the virtual disk. See [FAQ](#) for more info.

 **Download UUI**
Universal-USB-Installer-1.9.7.8.exe

[Source Code](#)

MD5: 36A6A087AD0EF0368506893D15FFCDA2

Basic Requirements Changelog Supported Distros FAQ

IMPORTANT NOTE: Your USB drive must be Fat32/NTFS formatted, otherwise Syslinux will fail and your drive will NOT Boot.

Step 3) Select an Ubuntu Distribution form the dropdown to put on your USB

Select your Ubuntu iso file download in step 1.

Select the drive letter of USB to install Ubuntu and Press create button.

Universal USB Installer 1.9.7.8 Setup

Setup your Selections Page
Choose a Distro, related ISO/ZIP file and, your USB Flash Drive.

Step 1: Ubuntu Selected. Go to step 2.
Ubuntu ☐ Local iso Selected. [Visit the Ubuntu Home Page](#)

Step 2: ubuntu-16.04.0-desktop-amd64.iso Selected ☒ Showing *ISOs
C:\Users\Guru99\Downloads\ubuntu-16.04.0-desktop-amd64.iso

Step 3: Drive E: Selected. ☐ Show all Drives
E:\TOSHIBA 14GB FAT32 FDD ☒ We Will Fat32 Format E:\

Step 4: Set a Persistent file size for storing changes (Optional).
0 MB

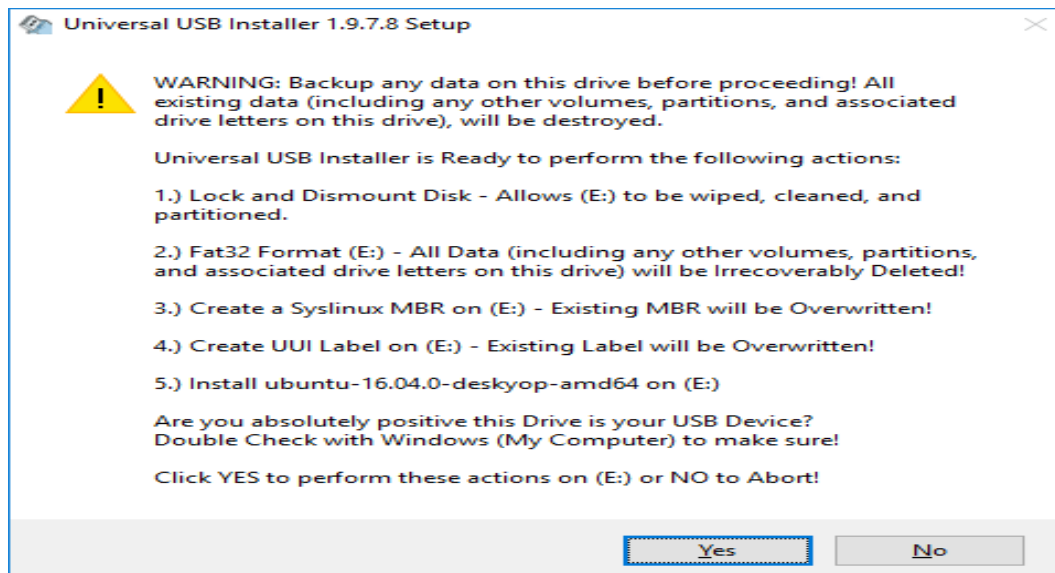
[Home Page](#) [FAQ](#) [Recommended Flash Drives](#)

Universal USB Installer <https://www.pendrivelinux.com>



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Step 4) Click YES to Install Ubuntu in USB.



Step 5) After everything has been installed and configured, a small window will appear Congratulations! You now have Ubuntu on a USB stick, bootable and ready to go.

