



# Open Source Track

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# What is Open Source Software?

- **Open-source software** (OSS) is any computer software that's distributed with its source code available for modification.
- Usually includes a license for programmers to change the software in any way they choose: They can fix bugs, improve functions, or adapt the software to suit their own needs.

# Program Schedule



1. Linux Operating System
2. Git
3. HTML5
4. CS3
5. JavaScript
6. Bootstrap
7. jQuery
8. PHP
9. Laravel
10. Project



# Linux Operating System



What is Linux

Introduction of Linux Operating System

# Linux Operating System

- Just like Windows, iOS, and Mac OS, Linux is an operating system.
- An **operating system** is software that manages all of the hardware resources associated with your desktop or laptop.
- To put it simply, the **operating system** manages the communication between your software and your hardware.

# Linux Distribution



# How download and install Ubuntu

## From Ubuntu website

<https://ubuntu.com/download/desktop>

### Ubuntu 19.10

The latest version of the Ubuntu operating system for desktop PCs and laptops, Ubuntu 19.10 comes with nine months, until July 2020, of security and maintenance updates.

Recommended system requirements are the same as for Ubuntu 18.04.3 LTS.

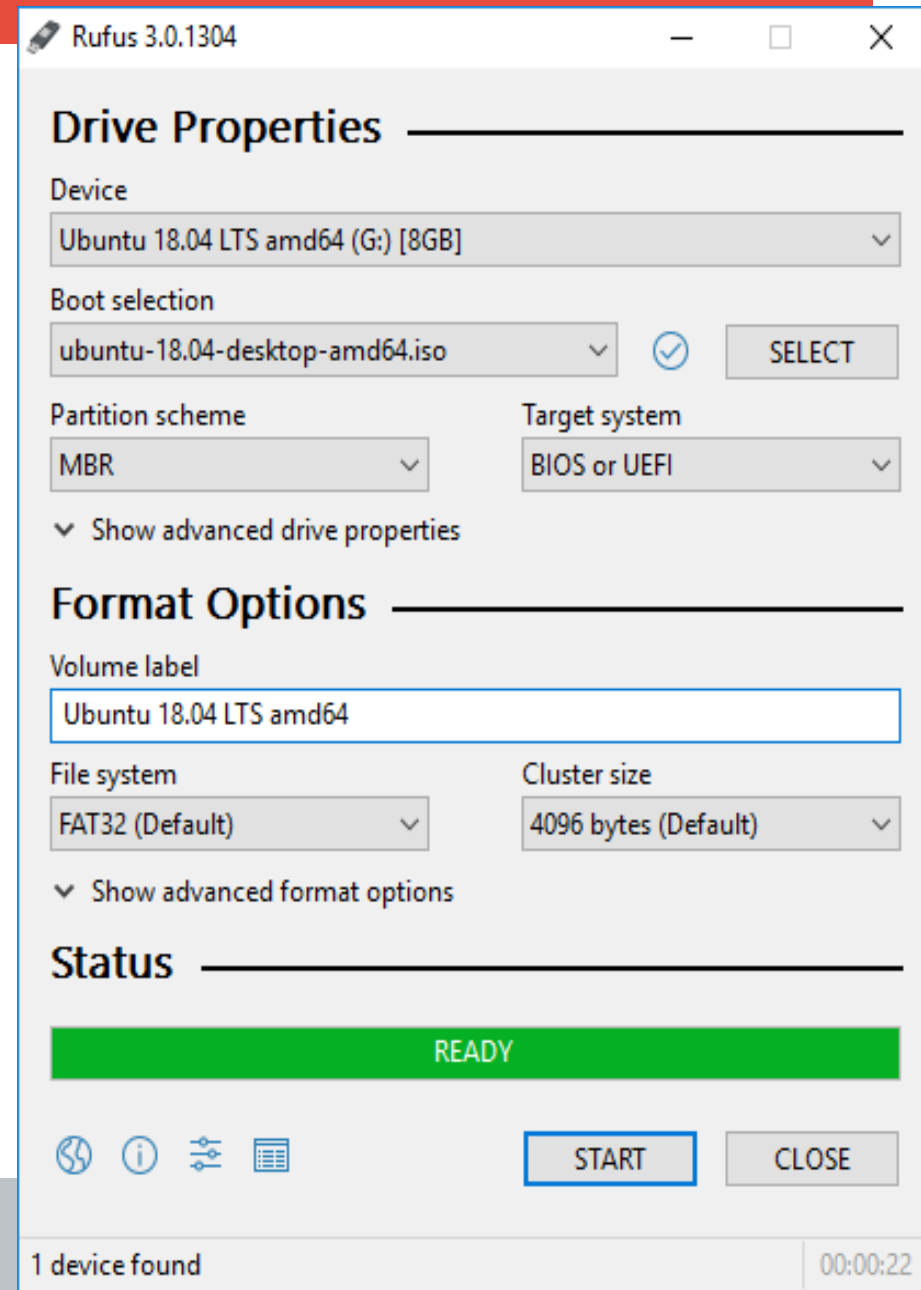
[Ubuntu 19.10 release notes](#) 

Download

[Alternative downloads and torrents ›](#)

# How download and install ubuntu

- After download ISO
- You must download Rufus
- tool to burn it on USB.
- To download Rufus tool:
- <https://rufus.ie/>





# Minimum System Requirement

- 1) 2 GB RAM
- 2) Dual Core Processor (2 GH)
- 3) 25 GB free Hard disk space
- 4) Installer Media (DVD or USB)
- 5) (optional) Internet Connectivity if you are planning to download third party software and updates during the installation

# How download and install ubuntu

**Restart you PC**

**When startup you must boot from USB**

**(depends on your PC type e.g. F9 for HP or F12 for DELL)**

**The next pictures show how install Ubuntu step by step.**



