# Linux vs Windows

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# Differences Between Linux vs Windows

Windows is a series of operating systems, computer operating system (OS) developed by Microsoft for personal desktops/devices or computer (PC). Each operating system comes with a graphical user interface (GUI) with a desktop that allows a user to view all files, videos, etc. It is designed to run on x86 hardware such as AMD, Intel processors. So windows OS comes with almost all company who made PC’s or laptops. Linux is an open-source operating system based on UNIX, created in 1991. It is software which sites underneath of all other software on a computer. Users can modify the existing code and create distributions from it as it is an open-source operating system. Linux is mostly used as a server – as most of the web pages over the internet are generated from Linux servers and

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### **What is the Windows operating system**

The first version of Windows OS is released in 1985 which is a simple GUI, an extension of existing disk operating system (MS-DOS) and major release as my point of view was 1995 consumer release which has integrated windows and DOS with built-in internet support. Most of the PC are currently running on the Windows operating system only. The latest Windows OS version is [Windows 10](https://www.educba.com/course/windows-10-universal-app-development/) which is currently ruling the market.

## **What is the Linux Operating system**

Linux is an open-source operating system based on UNIX, created in 1991. [Linux operating system](https://www.educba.com/linux-tools-for-system-administrators/) also comes with a graphical user interface (GUI) with some necessary software’s which are used on a daily basis.  It is also used in desktop computers, mobile devices, gaming consoles, digital storing devices, eBook readers, cameras, video recorders have Linux running.

## **Key Differences Between Linux vs Windows**

Linux is open source operating system whereas Windows OS is commercial.

Linux has access to source code and alters the code as per user need whereas Windows does not have access to source code.

Linux will run faster than windows latest editions even with a modern desktop environment and features of the operating system whereas windows are slow on older hardware.

Linux distributions don’t collect user data whereas Windows collect all the user details which lead to privacy concern.

Linux is more reliable then windows as in Linux we can kill application if they hung through x kill command whereas, in windows, we need to try multiple times to kill it.

### Conclusion – Linux vs Windows

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Finally, it is an overview of Linux vs Windows and I hope that you will be interested to know more about these operating system internals after reading this differences between Linux and Windows article.

Users who are looking to change [operating system](https://www.educba.com/mobile-operating-systems-to-build-applications/) from windows to Linux or vice-versa will have a good idea of advantages and disadvantages of both Linux and Windows operating systems and decide based on their requirement and which has more advantages. These are the differences between Linux and Windows operating systems and as in my opinion; I feel that [Linux has more advantages](https://www.educba.com/what-is-linux/) than Windows operating system.