**Windows operating system**

Windows is a group of several proprietary graphical operating system families developed and marketed by Microsoft.It is a separate viewing area on a computer display screen in a system that allows multiple viewing areas as part of a graphical user interface ( GUI ). Windows are managed by a windows manager as part of a windowing system .It can usually be resized by the user. There are 7 types of windows from it: Windows NT 3.1, Windows XP, Windows Vista, Windows 7, Windows 8 and 8.1, Windows10, Windows 11.

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## **Windows NT 3.1:** Windows NT 3.1 was available in two editions: Windows NT 3.1 for workstations, and Windows NT 3.1 Advanced Server for servers. When these premiered, their sales were limited by high system requirements, and a general lack of 32-bit applications to take advantage of the OS's data processing capabilities.

## **Windows XP:** Windows XP is a major release of Microsoft's Windows NT operating system. It was released to manufacturing on August 24, 2001.

## **Windows Vista:** Windows Vista is a major release of the Windows NT operating system developed by Microsoft. It was the direct successor to Windows XP, which was released five years earlier, at the time being the longest time span between successive releases of Microsoft's Windows desktop operating systems. Windows Vista aimed to increase the level of communication between machines on a home network, using peer-to-peer technology to simplify sharing files and media between computers and devices.

**Windows 7:** Windows 7 is an operating system that Microsoft has produced for use on personal computers. It is the follow-up to the Windows Vista Operating System, which was released in 2006. An operating system allows your computer to manage software and perform essential tasks.

**Windows 8 and 8.1:** Windows 8 provides heavier integration with online services from Microsoft and others. A user can now log into Windows with a Microsoft account, which can be used to access services and synchronize applications and settings between devices.

**Windows 10:** Windows 10 is a major release of Microsoft's Windows NT operating system. It is the direct successor to Windows 8.1, which was released nearly two years earlier. With Windows 10 we can: Get comprehensive, built-in, and ongoing security protections to help keep you and your family safe. Connect across devices to bring your favorite apps and files with you, anytime, anyplace. Stay efficient and productive with a Windows that's familiar, fast, and secure.

**Windows 11**: Windows 11 is the latest major release of Microsoft's Windows NT operating system, released in October 2021. Windows 11 will let you set up virtual desktops in a way that's more similar to MacOS, toggling between multiple desktops for personal, work, school or gaming use. You can also change your wallpaper on each virtual desktop. Easier transition from monitor to laptop, and better multitasking.