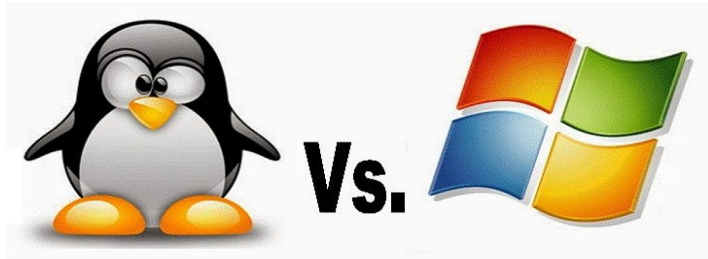


# Windows usability issues

- CEDISTO18



**LINUX-Ubuntu** is a computer **operating system** based on the Debian Linux distribution and distributed as free and open source software, using its own desktop environment. It is named after the Southern African philosophy of **ubuntu**

**Windows 8.1** is an operating system (OS) for personal computers and tablet computers. Windows 8.1 runs on touchscreen devices as well as traditional computers that rely on a mouse and keyboard. Microsoft designed Windows 8.1 to address widespread complaints about Windows 8. Most notably, Windows 8.1 reinstated the Start button, a familiar navigational feature of previous OS versions. Microsoft also made it easier to open, close and multitask among several apps using a mouse.

## Comparison:

Parameters	Ubuntu	Windows 8.1
cost	<b>Low cost:</b> we need not spend much money to obtain license as its softwares	<b>High cost:</b> Microsoft windows is costly compared to Linux as each license costs between

	<p>come from GNU General Public License. we can also download high quality software whenever you want, free of cost and we need not worry that your program may stop due to trail version. we can also install it in many computers without paying.</p>	<p>\$80.00-\$100.00.</p>
<b>Security</b>	<p>security aspect of the linux is very strong as it is very secure and it is less prominent to viruses, even if there is an attack there would be immediate step taken by the developers all over the world to resolve it.</p>	<p>security aspect of the windows 8.1 is not secured when compared to linux it is much more prone to viruses and other attacks.</p>
<b>Ease</b>	<p>Even though Linux has improved a lot in ease of use but windows is much easier.</p>	<p>Microsoft Windows has made much advancement and changes which made it easy to use the operating system. Even though it is not the easiest, it is easier than linux.</p>
<b>Software</b>	<p>Linux has a limited selection of available softwares.</p>	<p>Since there are more number of Microsoft users there are more software programs, games and utilities for windows. All most all games are compatible to windows, some CPU intensive and graphic intensive games are also supported.</p>

<b>Hardware</b>	Linux does not support many hardware devices.	All hardware manufacturers will support Microsoft windows. Due to large number of Microsoft users and broader driver, all the hardware devices are supported.
<b>Development and Distribution</b>	Linux is developed by Open Source development i.e. through sharing and collaboration of code and features through forums etc and it is distributed by various vendors.	Developed and distributed by Microsoft.
<b>Compatibility</b>	New version of linux support many kinds of hardware Can coexist on local networks with	Can coexist on local networks with Windows, BSD, Macs, and other Unix-like systems. Sometimes file compatibility issues may arise.
<b>User</b>	Everyone. From home users to developers and computer enthusiasts alike	Everyone
<b>Usage</b>	Linux can be installed on a wide variety of computer hardware, ranging from mobile phones, tablet computers and videos	On PC's desktops, laptops, servers and some phones.

	and games console, to mainframes and supercomputers.	
<b>Marketing target</b>	Server, Personal	Personal, business
<b>File system support</b>	Ext2, Ext3, Ext4, Jfs, ReiserFS, Xfs, Btrfs, FAT, FAT32, NTFS	FAT, FAT32, NTFS, exFAT
<b>Reliability</b>	if we are using Linux, we will not have to worry about re-installing it just to experience a faster and a smoother system. Linux helps your system run smooth for a longer period .	Windows, as we know it, becomes sluggish day after day. we will want to re-install Windows after a while when we encounter crashes or slowdowns on our system.
<b>Text model interface</b>	BASH (Bourne Again SHell) is the Linux default shell. It can support multiple command interpreters.	Windows uses a command shell and each version of Windows has a single command interpreter with dos-like commands, recently there is the addition of the optional PowerShell that uses more Unix-like commands.

## **Windows 8 — Disappointing Usability for Both Novice and Power Users**

Double Desktop = Cognitive Overhead and Added Memory Load

Lack of Multiple Windows = Memory Overload for Complex Tasks

Flat Style Reduces Discoverability

Low Information Density

Overly Live Tiles Backfire

Charms Are Hidden Generic Commands

Error-Prone Gestures.

