

A recurring (stupid) question:

## **"What is the most used operating system in the world ?"**

And as usually, the FALSE answer comes at once: "Windows is used on more than 90% of overall computers, Apple being second".

Totally false, and since years.

First, the question is "What is the most USED operating system", not what is the most SOLD operating system ! The most used Oses are free of charge, so they don't appear in financial/commercial statistics.

Second, this false answers considers a computer is something that has a keyboard, a screen and a mouse. This is totally false. Most of the computers are embedded (in your car, your TV set, your washing machine, your Set-top box, your mobile phone, your DSL modem, and so on).

### **Here are the numbers:**

Let's compare the size of the embedded system market, mobile devices (tablets/smarphones/...) market, Internet-connected servers, ... to the desktop/laptop market, to see if the total domination of Linux (including Android Linux) in the IoT and smartphone devices puts Linux as the overall most used OS in the world:

- How many IoT devices are there ?

According to data from IoT Analytics., there are about 7 billion internet-connected devices.

- How many smartphone devices are there ?

According to GSMA real-time intelligence data, there are now over 5.13 Billion people with mobile devices worldwide.

- How many tablets are used in 2018 ?

Estimation of tablets used at least once a month in 2018: 1.28 billion.

- How many desktop and laptop computers (PC) are there in the world in 2018 ?

2 billions PCs running in 2014.

259.39 million PCs sold in 2018.

"Between 1970 and 2014, around 3.5 billion personal computers were shipped."

- How many computer servers are there in the world ?

75 millions servers (2014).

So the IoT and mobile devices market represents more than 13 billions devices, to be compared to the remaining (laptops, desktops, servers computers), about 2 billions (only) devices.

So the IoT (embedded devices) is widely dominating the amount of running devices, and Linux runs on 72% of it, and as the second largest market is the mobile devices (smartphones, tablets, ...) and

Android (a Linux variant) runs on 85% of the devices, the result is there:

**Linux is far the most used operating system in the world. No need to add the 500 most powerful supercomputers ([top500.org](http://top500.org)) or the Internet web servers.**

## IoT OPERATING SYSTEMS

*Which operating system(s) do you use for your IoT devices?*

