

# Tablet and laptop, which option is right for you?

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**If you need a device for everyday tasks, the laptop is still an irreplaceable choice. The tablet is the primary device for entertainment and web surfing.**

Is the tablet strong enough to defeat a true laptop? Answer is possible. It depends on the need for your computer. Below are the comparisons of the basic differences between tablets and laptops according to each criteria so that through which you can assess which device is suitable for your use. than!



## Input method



Perhaps one of the most obvious differences between the tablet and laptop is the keyboard. While tablets mostly rely on the touch screen interface as the input for all input data. This method will not matter when we perform key tasks related to pointing, dragging or navigating within one or several simple programs. Problems will appear when you have to do things like enter text into a program such as an email or document. Because tablets do not have keyboards, users are required to enter data using virtual keyboards with different layouts and designs on the touch screen. Most people cannot enter data quickly and accurately on a virtual keyboard like a physical keyboard. However, the 2-in-1 design of tablets today can give you an extra keyboard to allow for a significant improvement in the ability to enter text, but they also often can't give the experience as good. Laptop keyboards because of their smaller size and design are more restrictive because they still have to ensure portability. Tablet users can also use an extra Bluetooth keyboard to make it look like a laptop, but it will certainly cost extra and such peripherals must be designed exclusively for tablets. More importantly, when using more of these accessories, we unconsciously have limited the mobility that is already the strength of the tablet when compared to laptops.

Conclusion: People who often have to write and input much should use laptops, tablets will be more suitable for people who often use touch and swipe.

## Size



This is probably the biggest reason affecting the choice of using the tablet or laptop of the majority of us.

The tablet is about the size of a small sheet of paper (usually 8-12 inches) and weighs less than 1kg. While most laptops are larger and heavier. Even one of the ultraportable laptops is the Apple MacBook Air 11, which weighs just over 1kg but is still much larger in size and thickness than most tablets. The main reason for this is the presence of a keyboard and touchpad. In addition, processing power also requires laptops to use larger and more complex hardware components. Moreover, on the laptop requires a cooling device, while the tablet does not need it, this is one of the parts that affect quite a lot of the size of the device.

Conclusion: In this criterion, the tablet won completely!

## **Battery life**



Tablets are designed to work perfectly with low-performance tasks as well as the power from just basic hardware components. In fact, the majority of a tablet's hardware devices will be powered by batteries. Meanwhile, laptops use more powerful hardware and of course give much higher processing performance, which is not a

question. However, there is a funny saying that we often say word of mouth, that 'modernity is harmful to electricity', laptops use more powerful hardware, give better performance so of course will also consume electricity A lot more than tablets. Therefore, even if the battery capacity is higher than the tablet, the laptop still cannot give longer usage time (which is already excellent). Many tablets can now offer up to ten hours of continuous use with mixed tasks before you have to plug in the charger, and importantly modern tablets are also equipped with convenient fast charging technology. . Meanwhile, the average usage time of laptops will only be in the range of 4 to 6 hours. Of course, there are also many newer laptops that give us 8 to 10 hours of work, close to the tablet, especially some high-end laptops can give the battery life more time. 12 hours (however, these devices will also have a very 'harsh' price).

Conclusion: Regarding battery life, the tablet is the winner.

## Storage capacity



To minimize size and cost, tablets are forced to use new solid state SSD storage as a means to store programs and data. Although this type of memory will provide faster access and use less power, they have a big disadvantage in the number of files they can store. Most tablets have ROM memory limited to between 16 and 128GB. Meanwhile, most laptops still use the traditional HDD hard drive slower but give larger storage capacity. The laptops in the middle segment were also able to come with a 500GB hard drive. Today, manufacturers are also inclined to universalize SSDs on laptops, but at the moment cost is a must. At the same price, every HDD laptop has a much larger storage capacity than SSD-based devices (for example, 500GB versus 64GB). In addition, the laptop will support things like USB ports that make it easier to add external memory while some tablets can allow more storage through the microSD card slot.

Conclusion: In this category, the winner is of course a laptop.

1. Differences between SSD and HDD hard drives

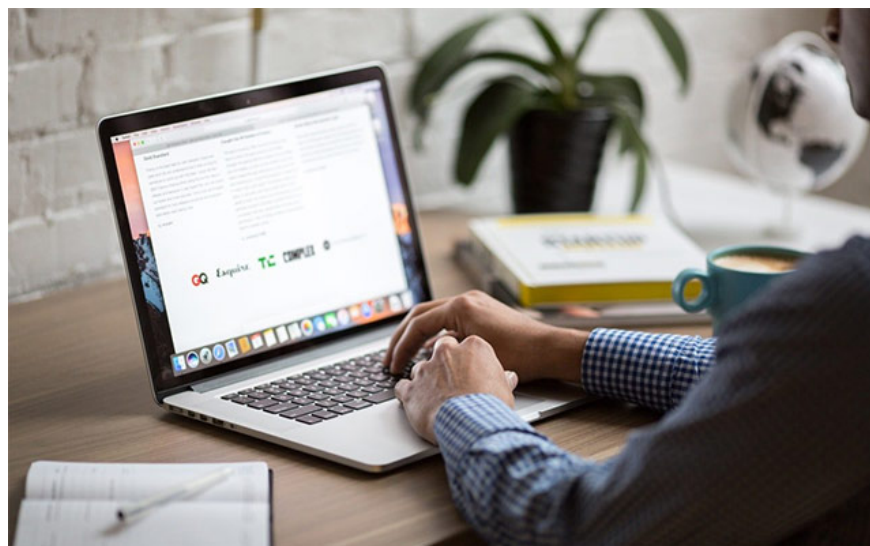
## Performance



Since most tablets are based on compact microprocessors dedicated to mobile devices, they will often lag behind the laptop when it comes to tasks that require capability. heavy calculation.Of course, this will also depend on how your tablet or laptop is being used.For basic tasks like email, web browsing, video playback or audio processing . generally there are no more performance requirements, both of these platforms will usually work quite smoothly.Everything just gets more complicated once you start doing more demanding tasks on processing power.For most cases, multitasking or complex graphics will often be more suitable for a laptop but not always, try taking the example with video editing.It is assumed that a laptop will be better, but some high-end tablets can actually outperform laptops because of their dedicated hardware.In fact, high-end tablets like the iPad Pro can be as expensive and powerful as a good laptop.The difference is that the laptop will be able to handle more different tasks, which will also take us to the next section.

Conclusion: In terms of performance, the laptop wins.

## Software



Software running on a laptop or tablet may be very different in performance. Now suppose if a tablet is running Windows, it could theoretically still run the same software as a laptop, but it could be much slower. Of course there are some exceptions to this as Microsoft Surface Pro. Types of tablet PCs like the Surface Pro can be used as a laptop, along with the right software in a working environment. However, the two largest operating system platforms for tablets are now Android and iOS. Both of these operating systems require specific applications for each type. There are many applications available for the operating system and can perform most of the basic tasks that laptops can perform, but the problem lies in the lack of input devices and general hardware performance limitations will make some of the more advanced features that laptops can perform will have to be reduced to fit the tablet's inherent performance. .

Conclusion: Regarding software, of course, the laptop will win again.

## Price



In fact, there are 3 tablet segments in the market. Most of the current tablets are in the segment of 3-4 million dong, and they are enough for simple daily tasks. The mid-range segment has a selling price ranging from 5 to 7 million and can perform most of the tasks you need. It is worth mentioning that the price of mid-range tablets is equal or even cheaper than most low-cost laptops, which usually start at 6 million.

High-end tablets will cost from 10 to over 20 million depending on the operating system and manufacturer. It's fair to say that high-end tablets give us a pretty good performance, but it's still nothing compared to laptops at the same price range. In other words, the issue of price on performance will depend much on the specific products you compare. In the lower segment, the obvious advantage belongs to the tablet but at higher prices, the laptop will give performance on better prices, this is a special point.

Conclusion: In this criterion, we will have a draw.

## Ability to use independently



In this criterion we will consider the situation in which the device will be used as your only computer system. Laptop is a completely closed computer system that one can independently perform all basic tasks, from data processing, running programs up to backup. In the meantime, in order to fully realize the task, the tablet really needs additional computer systems or connect to cloud memory to back up or even activate the device. In short, when operating independently, the laptop will be more advantageous. In fact, the tablet is still mostly used as a secondary device, supplementing main devices such as laptops or desktops.

Conclusion: Laptop wins.

### **Evaluation criteria**

#### **Laptop**

#### **Tablet**

Input method

**x**

**x**

Size

**x**

Battery life

**x**

Storage capacity

**x**

Performance

**x**

Software

x

Price

x

x

Ability to use independently

x

total score

6

4

## summary

Laptops still provide a higher level of flexibility and performance when it comes to mobile computing. They may not be as compact, do not use as good or easy to use as tablets, but saying that does not mean that tablets have an advantage over laptops. There are still some issues that tablets need to solve before they become the primary means of mobile computing, especially in terms of performance and independent usability. Over time, many of these problems will probably be solved and if you already have a desktop computer, using an extra tablet may be a more reasonable option, especially if you use it primarily for entertainment and web browsing. If you're looking to buy a device as the primary means of working, the laptop will definitely be the right choice.

Wishing you all for yourself but the most suitable device!

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