

What is the macOS operating system? Which devices run macOS

What is the macOS operating system? What outstanding advantages does the MacOS operating system have? What devices are using the MacOS operating system? Let's find out with TipsMake.

macOS is a proprietary operating system developed and distributed by Apple technology corporation. The macOS operating system is used by Apple for its Macbook and iMac computer lines. So what specifically **is the macOS operating system** ? What outstanding advantages does this operating system have? Let's find out detailed information with [TipsMake through the article below](#).

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What is the macOS operating system?

macOS (Macintosh Operating System) is a product developed by Apple technology corporation. This operating system was launched in 2001. Since its inception, it was named Mac OS X, then changed to OS X in 2012. In 2016, Apple changed the name of the operating system to macOS for now.

The macOS operating system is used for Apple's proprietary technology devices such as desktop computers and laptops. Currently, macOS has a certain position in the market and is very popular with users.

Picture 1 of What is the macOS operating system? Which devices run macOS

Advantages and disadvantages of the macOS operating system

The macOS operating system has many outstanding advantages that Windows does not have, making many users confidently choose to use it. And of course, no product is perfect, macOS also has certain limitations. Let's take a look at the advantages and limitations of this operating system below.

Advantages of macOS operating system

macOS has many outstanding advantages that are highly appreciated over Windows. This is an operating system famous for its security and safety as well as providing a better experience for users. macOS is popular among users working in the creative field, who need a smooth experience and high software compatibility.

1. Smooth operation

When developing the macOS operating system, Apple was very successful in controlling the software and hardware included in the device. Therefore, the company can easily optimize computer performance, providing a smooth user experience.

Besides, macOS is also highly appreciated for its ability to quickly receive feedback on software errors and provide updates to fix problems within just a few weeks.

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2. Beautiful interface

Apple is a large global technology company, so they take great care when designing the interface for their products, including macOS. It can be said that macOS is an operating system with a highly aesthetic interface, the animations that interact with applications are great, inspiring users to work every time they use the device.

The display color of the operating system is very sharp and clear. This is truly a great working space for people with high aesthetic requirements.

3. Limit the spread of the virus

Compared to Windows computers, macOS still holds a low market share of computer operating systems. Therefore, this is not a fertile ground for hackers to develop malicious code and viruses to exploit data and attack users' computers.

Besides, the high security features of macOS also partly limit the intrusion of viruses and malicious code from Internet sources and external devices. You can rest assured about data security on this operating system.

4. Easy to use

The interface and feature designs on macOS are optimized to make it easy for users to use. If you are new to computers, there is no need to worry too much, after only 1 week you will be able to use this operating system fluently.

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5. Huge application store

The application store available on the App Store is very large, users can freely download and use applications provided by third parties to study, work, and entertain. You can easily search and download your favorite applications at any time. There are many specialized applications that are only available on the App Store.

Recently, with the support of ARM on the macOS operating system, Apple is expected to increase the number of applications ported from iOS/iPadOS to macOS for synchronization in the ecosystem.

6. Belongs to the Apple ecosystem

Devices using the macOS operating system are all part of Apple's ecosystem, so they are highly synchronized and interconnected, can be converted quickly and easily, and support users during work. For example, iCloud sync feature between iPhone, AirPods, Apple TV, etc.

Disadvantages of macOS operating system

Besides the above advantages, macOS also has some limitations for users:

1. The price is quite high

Compared to Windows computers, macOS models are quite expensive, which causes many limitations for users to access this operating system. It is quite difficult for users in the mid-range segment to own a MacBook or iMac.

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2. Less compatible software

macOS is highly rated for its interface and performance. However, one limitation of it is that not all software is compatible on this operating system. macOS faces many disadvantages when accessing office software and major games.

For example, the separate version of Microsoft Office software for macOS has many features omitted, and operations with the software on macOS are also somewhat more difficult than on Windows.

Devices running the macOS operating system

Below are 4 types of devices using the macOS operating system today.

1. MacBook

MacBook is Apple's famous laptop product line using the macOS operating system. MacBook has a luxurious, sophisticated design with smooth operation. Apple has prioritized thinness, lightness, compactness, and fashion

when designing Macbook computers. However, inside that compact design is very impressive hardware with excellent processing performance.

Picture 5 of What is the macOS operating system? Which devices run macOS

Compared to other laptop lines, Macbooks are quite expensive. However, many users are still willing to spend a corresponding amount of money to own it because of the Macbook's luxurious design and smooth task handling ability. Currently, there are two Macbook lines being released: Macbook Air and Macbook Pro with different designs giving users many options to choose from.

2. Mac mini

Mac mini was one of the first major products released by Apple in 2005. At first glance, you would think this was a broadcast receiver or a PS. In fact, this is a miniature computer that can function normally like a regular computer.

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The device has a square metal block design with Intel or M1 processor. However, to be able to use it, you need to buy a computer screen, mouse and keyboard because Apple will not include them when selling this product.

3. iMac

iMac is a very convenient desktop computer product from Apple, known as **All-in-one**. This name means that all iMac hardware devices include only the screen, mouse, and keyboard. You no longer need a PC case to still be able to use the computer. The ability to handle tasks on the iMac is not inferior to any other computer device and it is improving day by day.

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When launched in 1998, the iMac was a fairly compact, powerfully configured desktop computer, providing many convenient features on a high-resolution LCD screen, supporting 3 USB connection ports, CD drive integrated on the device.

In 2021, the latest version of the 24-inch iMac M1 makes the technology world admire with its extremely youthful and luxurious design. iMac M1 still retains its thin, light, sophisticated design with 7 different comfortable colors for users to choose from.

The powerful features and high aesthetics of the iMac M1 are extremely sought after by people in the world of technology, graphic design, and professional photo editing.

4. Mac Pro

Mac Pro is Apple's most professional and high-end line of desktop computers with PC cases. It is also known as an extremely powerful workstation provided to the market by Apple. They are compatible with the macOS operating system with extremely impressive workflow performance. This is a high-end computer line with a not low price but is very desired by true IT people.

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Mac Pro is a line of Workstation PCs with the most advanced technology, integrating an Intel Xeon processor with extremely high performance, AMD Radeon Pro 580 graphics card and DDR4 RAM with a capacity of up to 64GB.

This is truly an impressive configuration that handles all tasks smoothly. Besides, this device also supports 4 Thunderbolt 3 ports and 4 USB 3 ports to comfortably connect users.

This is an expensive line of computers from Apple. Therefore, Apple only targets a small number of users in the world, meeting the needs of those who need to handle tasks that require strong load.

Current versions of macOS

Below is a comprehensive list of MacOS operating system versions released to date for you to easily follow.

Version	Version name	Launch time
Mac OS X 10.0	Cheetah	March 24, 2001
Mac OS X 10.1	Puma	September 25, 2001
Mac OS X 10.2	Jaguar	August 24, 2002
Mac OS X 10.3	Panther	October 24, 2003
Mac OS X 10.4	Tiger	April 29, 2005
Mac OS X 10.5	Leopard	October 26, 2007
Mac OS X 10.6	Snow Leopard	August 28, 2009
OS X 10.7	Lion	July 20, 2011
OS X 10.8	Mountain Lion	July 25, 2012
OS X 10.9	Mavericks	October 22, 2013
OS X 10.10	Yosemite	October 16, 2014
OS X 10.11	El Capitan	September 30, 2015
macOS 10.12	Sierra	September 20, 2016
macOS 10.13	High Sierra	September 25, 2017
macOS 10.14	Mojave	September 24, 2018
macOS 10.15	Catalina	October 7, 2019
macOS 11	Big Sur	November 12, 2020
macOS 12	Monterey	June 7, 2021

What are frequently asked questions about the MacOS operating system?

The following are questions that customers often ask. Let's answer your questions with Huy Khang.

Is macOS the same as iOS?

Although macOS and iOS are both operating systems developed by Apple, they are not the same. When using these two operating systems, you will notice a clear difference in interface and functionality.

Inside macOS is designed a desktop, dock and toolbars. iOS is designed for use on smaller screens, so it doesn't have this layout.

In general, macOS is an operating system designed based on the features used on computers, keyboards and mice. iOS was developed as an operating system for touch screens. iOS's application framework is UIKit while macOS uses AppKit.

Can the macOS operating system type in Vietnamese?

You can absolutely type Vietnamese on devices using the macOS operating system such as Macbook, iMac, etc. To be able to type Vietnamese, go to the system settings, select the keyboard item, then add a percussion input. Enter Vietnamese and the installation is complete.

How to take screenshots of macOS operating systems using keyboard shortcuts?

There are many different ways to take screenshots on devices using the macOS operating system.

First way, you can use the key combination **Command + Shift + 3** to take a full screen capture.

Second way, if you want to capture part of the screen, you can press the key combination **Command + Shift + 4** and then drag the mouse to select the area you want to capture.

Epilogue

macOS is truly an operating system that brings extremely interesting experiences to users. Especially providing high-end computers with powerful features and outstanding security. Hopefully the above knowledge will help you understand what the macOS operating system is as well as the types of devices using this operating system.

You finished reading the article "**What is the macOS operating system? Which devices run macOS**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.