

# Learn about Hackintosh

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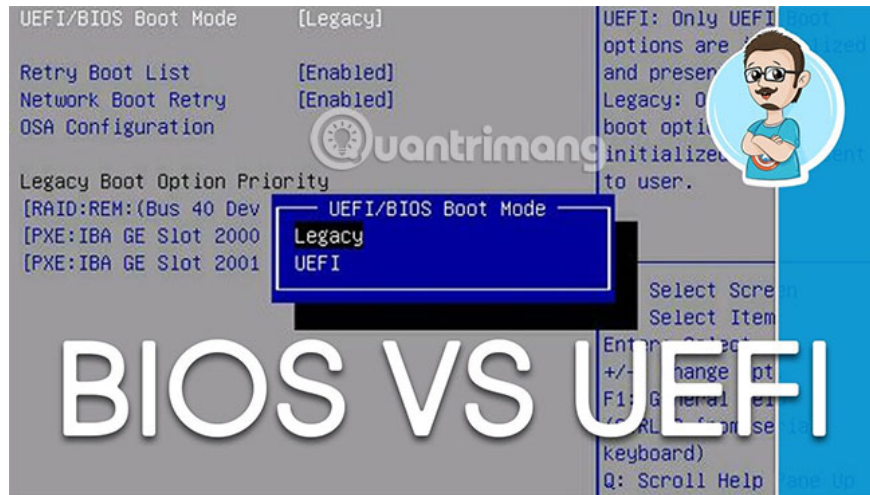
When Apple announced the move from the PowerPC architecture to Intel's processor and chipset, many expected to be able to run Windows software on Apple hardware and Apple's operating system on non-Apple hardware. . Apple was finally able to build the Boot Camp feature in Mac OS X 10.5 or later, allowing Windows to run on Apple hardware. Unfortunately, those hoping to easily run Mac OS X on a standard PC are not so easy.

## What is Hackintosh?



Any system other than a Mac created to run the Apple operating system is called Hackintosh. Although running Mac OS X on generic PCs (self-assembled computers) is not supported by Apple, but with the right hardware and determination to be big enough from the user, it is possible. The term Hackintosh comes from the fact that software needs to be hacked to run correctly on hardware. Of course, some hardware also needs to be adjusted in some cases.

## Replace the BIOS



The biggest obstacle for most self-assembled computers running Mac OS X on hardware is UEFI-related operations. This system was developed to replace the original BIOS system, allowing the computer to boot. Apple has used specific extensions for UEFI, not in most PC hardware. Over the past few years, this has gradually been overcome when most systems adopt a new boot mechanism for hardware. A list of known compatible computers and hardware can be found on the OSx86 Project page ( [link: http://wiki.osx86project.org/wiki/index.php/Main\\_Page](http://wiki.osx86project.org/wiki/index.php/Main_Page) ). Note that the list is based on different OS X versions because each version has different hardware support levels, especially with older computer hardware that cannot run on newer OS X versions.

## Cut the cost



One of the main reasons many people want to try running Mac OS X on PC hardware is self-assembly because of the cost. Apple hardware products often have a very high price compared to similar Windows systems. Prices of some Apple products have declined over the years to get closer to many similarly configured Windows

systems, but there are still more affordable laptops and desktops on the market. .

However, most consumers probably don't think about hacking a computer system to run Mac OS X operating systems when there are more affordable alternatives, with many desirable properties. . Chromebooks are a great example. Most of these systems can be found for under \$ 300 (VND 6.9 million).

Remember that building a Hackintosh computer system usually does not have any hardware warranty from the manufacturer and the process of modifying the software to run on hardware violates copyright laws for Apple operating system does not. For these reasons, no company can legally sell Hackintosh systems.

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