

MacBook 2009 - healthy, competitive price

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The Apple MacBook 2009 has a white body and casing made entirely of high-quality plastic with performance comparable to the "elder" MacBook Pro, but the price is only about \$ 1,000 (on its website). This price is quite competitive compared to models running Windows 7 with the same configuration.

Like the MacBook Pro, MacBook plastic also possesses a unibody monolithic frame design, but instead of aluminum material, it is a high-quality plastic cover on the outside with glossy paint.

The new MacBook plastic is large and slightly heavier than the MacBook Pro, with a thickness of 2.8 cm and a weight of 2.1 kg.



MacBook plastic shell also owns unibody monolithic frame design.(Photo: LaptopMag)

Not equipped with background LED keyboard like MacBook Pro, white keys are identical to body and chassis. Apple laptop keyboards are always appreciated by users for their comfort and sensitivity.

The device has a large multitouch touchpad, which supports performing tasks much better than the multi-point touchpad on the HP Envy 13 laptop. When simultaneously sliding four fingertips forward on the touchpad surface, the windows are open. time is pushed up to the edge of the screen. Zooming in and out of open web pages on the Safari browser is done very quickly and smoothly. Two mouse buttons are integrated with the touchpad.

LED-backlit LCD screen 13.3 inches, resolution of 1,280 x 800 pixels gives bright images, but colors are not as vivid and vivid as the MacBook Pro. The wide viewing angle is better, because when the screen is folded forward the image is instantly blurred. Like many other thin-and-light 13-inch laptops, MacBook's speaker system of 2009 plastic case sounds loud enough but lacks bass.



13.3-inch LED-backlit LCD screen, not as brilliant as that of the MacBook Pro. (Photo: LaptopMag)

The new plastic MacBook has 2 USB ports, mini DisplayPort output, LAN port and headphone jack on the left and right side with a SuperDrive DVD optical drive. According to Laptopmag, Apple should equip it with an additional USB port and SD card slot, as the Dell Studio XPS 13 not only has all the above communication ports but also HDMI and FireWire ports. The device has a full range of built-in webcams and microphones, well serving voice and video chat needs.

It also comes with an Intel Core 2 Duo P7550 2.26 GHz CPU like MacBook, Pro and 2 GB RAM. Geekbench test results rated the performance of the machine reached 3,464 points lower than 50 points compared to MacBook 2008 with Intel Core 2 Duo P8600 2.4 GHz.

And when running Windows 7 via Boot Camp, the results were 2,597 points, equivalent to the power of Dell Studio XPS 13 (2,596). Besides, the PCMark Vantage test results on Windows 7 were 3,691 points, 600 points higher than the average of ultraportable laptops, but lower than the Dell Studio XPS 13 using 4 GB 270 points of RAM. The most interesting is the higher result up to 500 points compared to MacBook Pro with the same CPU and RAM capacity.



MacBook 2009 plastic case has the same configuration as the MacBook Pro. (Photo: LaptopMag)

The multitasking performance of the device is very good when running smoothly at the same time many programs including web browsing open multiple tabs with Safari 4, typing text on Google Docs, listening to music using Slacker software and watching online videos from Hulu.

A 250 GB HDD, 5400 rpm can work smoothly at a data rate of 27.8 Mbps and takes only 26 seconds to boot into Snow Leopard. On Snow Leopard, it took only 2 minutes and 12 seconds to convert 114 MB of video file format .mp4 format to .avi, 5 minutes faster than average, and only 5 seconds slower. with MacBook Pro. In Windows 7, with the same test, the time needed to convert video format is 6 minutes 50 seconds.

The graphics capabilities of the Apple MacBook are well supported by the use of discrete Nvidia GeForce 9400M 256 MB graphics cards similar to the MacBook Pro. Try 3DMark06 on Windows 7, the machine reached 2,160 points, higher than Dell Studio 14z with the same 60-point graphics card. When playing the game Far Cry, at 1,024 x 768 resolution, the average output rate was 29 frames per second, and at an original resolution of 1,280 x 800 pixels with the highest number of image settings, image image output at 8 frames per second. With MacBook Pro these numbers are respectively 25 and 8 frames per second, Studio XPS 13 is 26 and 10 frames per second.



Nvidia GeForce 9400M 256 MB discrete graphics card.

(Photo: LaptopMag)

Battery run time of MacBook plastic 2009 up to 5 hours 10 minutes on Snow Leopard operating system, poor MacBook Pro 13 inches 1 hour. But this time is twice as high as the Studio XPS 13, and 1 hour longer than the average of 13-inch thin and light laptops.

Ability to configure MacBook plastic shell can upgrade to 4 GB RAM if adding \$ 100, or an additional \$ 50 to get a 320 GB HDD or 150 USD to get a 500 GB HDD.

The new plastic MacBook is perfectly designed but the price is reasonable (999 USD), which is similar to the laptop models running Windows 7 like the Dell Studio XPS 13. But for \$ 200 more users will own the MacBook Pro shell High-end aluminum with full SD card slot, and LED backlight keyboard.

In Vietnam, the new plastic MacBook has appeared and sold for 1,129 USD, about 20 million VND, with the same configuration of the evaluation model.



In Vietnam, MacBook plastic 2009 has a selling price of about 20 million.(*Photo: Apple*)

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