

What's the new MacBook Pro hot?

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While fans of the "Apple" are anxiously waiting for hours to see the new MacBook Pro face, on the technical pages of Geek and MacRumors technical details of the 13-inch MacBook Pro are available. level. Specifically, the popular MacBook Pro 13 inch has the following technical characteristics:

- * Core i5 dual processor chip, 2.3GHz speed 3MB memory
- * 4GB DDR3 internal memory, clocked at 1333 MHz
- * 320GB hard drive with 5400 rpm speed
- * Mirror screen 13.33 inch resolution 1280 × 800
- * Intel HD 3000 integrated graphics with 384MB memory (divided from RAM)
- * FaceTime HD camera
- * SuperDrive 8x optical drive
- * Join Thunderbolt and MiniDisplay port
- * SDXC memory card slot, Firewire 800 and two USB 2.0
- * Digital audio output
- * Access integrated Ethernet LAN

- * Keyboard illuminates the back
- * Size and volume: 32.5 x 22.7 × 2.41 cm, 2.04 kg

The above parameters are not necessarily complete because that is just the MacBook Pro 13 inch affordable version. For higher versions, technology experts expect the following noticeable changes:

1. Second generation Core processor chip

After Intel continues to distribute Sandy Bridge chips, it is not surprising that the Core i5 processor chip has appeared on the 13-inch MacBook Pro. It is very likely that the 4-core Core i7 processor will be included in the MacBook Pro 15-inch and 17-inch.

2. Update multiple versions

Updating only one version of the MacBook Pro that misses the remaining versions will make users feel unjust, so Apple should conduct a major update. The first version to be updated is the 17-inch MacBook Pro, because it has been "abandoned" by Apple for a long time (the most recent update was January 2009). Custom settings on the 13-inch and 15-inch MacBook Pro also need to be more varied.

3. The boot time is faster

After showing off the ability to boot and restore the quick working state of the 11-inch and 13-inch MacBook Air, Apple needed to apply this achievement to the MacBook Pro. Solid-state hard drives (SSDs) are durable and quiet but hard to help improve boot speed.

A hybrid hard drive or high-speed hard drive with flash memory is more appropriate. Flash memory itself does not take up a lot of space and users can optimize it to speed up boot like MacBook Air.

4. High definition webcam

HP, Lenovo, Sony and Dell all have announced that the integrated Webcam on their laptops can make video-chat and record video at 720p resolution. The latest generation iPhone 4 and iPod Touch have also been installed with "genuine" camera sensors that can shoot 720p HD movies (while their screens are only 3.5 inches).

If Apple can put HD sensors into hundreds of millions of mobile devices, they can put them into the MacBook Pro. Display Port on Macbook Pro can support transferring HD images to a big screen or HDTV.

5. Data transfer with Light Peak lighting technology

Rumors that Apple will bring Intel's Light Peak light technology into the confirmed MacBook Pro (new name is Thunderbolt). There is no denying that the data transfer rate will be so funny (10Gbps), but the reality is even more funny: there is currently no one peripheral that supports Light Peak technology to connect! USB 3.0 will probably be more useful, but it may have to "wait until next time".

6. New Nvidia graphics

Switching to the Sandy Bridge processor also means that the new MacBook Pro will have to come with a more powerful graphics chip. Maybe the high-end version of the Macbook Pro will be fitted with a new Nvidia chip, such as the GeForce 500 series.

7. Should remove the optical drive

The fact that optical drives mounted in MacBook Pro are less and less useful. The new MacBook Air line has removed this device. On the other hand, all disk software can be purchased entirely from the App Store. Removing the optical drive will make the system lighter and thinner. However, the 13-inch MacBook Pro still has an optical drive.

8. Larger battery

Apple has twice increased the battery size of the 15-inch MacBook Pro: from 60WH to 73WH, from 73WH to 77.5WH. The new Sandy Bridge architecture is no more energy efficient than the previous platforms, so the only way to increase battery life is to increase their size (it would be easy if the optical drive is removed).

Currently MacBook Pro battery life is 8-9h for a full charge, and if you raise that number to 10h Apple will blow away all competitors.

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