

## Portraits of the best laptops in 2010

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**The fact that the iPad tablet has occupied most of the major tech headlines around the world, since this product was officially introduced to consumers by Apple .**

However, conventional notebooks, including notebooks and netbooks, still have a foothold in consumer choice.

*Laptop Magazine* evaluated more than 140 models of notebooks and netbooks sold this year, to pick out the most outstanding products for each specific criterion.

### Product breakthrough award

#### Apple MacBook Air (11 and 13 inches)

The most outstanding feature of this line of products is that it can boot almost immediately, standby time of up to 30 days, slim design with a unique unibody design. According to Apple, the 13-inch version can be used to surf the web continuously for 7 and 5 hours for an 11-inch model.



Both new models will use the Intel Core 2 Duo processor. Speed ??1.3 or 1.4 GHz in 11-inch and 1.86 or 2.13 GHz versions in 13-inch versions. RAM of both machines is 2GB DDR3, NVIDIA GeForce 320M graphics card.

Apple does not have an optical drive and does not use a normal hard drive for storage. Instead, models include flash storage drives with capacities of 64, 128 GB in 11-inch versions and 128, 256GB in 13-inch versions.

Another lovely point of this product line, especially with the 11-inch model, is that the owner does not have to remove the MacBook Air from the baggage through the US security checkpoints.

According to US Traffic Security Agency (TSA) regulations, all large-sized electronic devices in hand luggage must be removed for inspection by a scanner.

But with the MacBook Air due to smaller than other laptops, when checked, they will be entitled to stay in the luggage bag of passengers. Therefore, many entrepreneurs have favored calling this laptop model into MacBook Airport.

### **Award for Netbook**

Cheap products: **Samsung N150 Plus**



Samsung N150 Plus costs only 310 USD, is one of the most beautiful netbooks with a red and black design and exquisite patterns. Owing 10-inch LED Backlit screen, 1024 x 600 pixel resolution, Samsung N150 Plus has chiclet keyboard, light and ultra-sensitive typing, 7 hours battery life.

Samsung N150 Plus uses Intel Atom N450 1.66GHz processor, 1 GB internal memory, 250 GB hard drive and Intel GMA 3150 integrated graphics. It comes with Windows 7 Starter and comes with a set of tools to reduce energy consumption when the machine is in "hibernation" mode.

N150's speakerphone is rated by Laptopmag as one of the best sound PC models compared to similar products. Samsung N150 Plus has built-in 0.3 megapixel webcam, 10/100 LAN, WiFi 802.11 b / g / n

High-priced product: **Asus Eee PC 1215N**



The Asus Eee PC 1215N costs \$ 500, using the Atom dual-core D525 processor. The Atom D525 processor is usually reserved for a compact desktop, but is integrated into the Eee PC 1215N, which is considered quite a surprise.

The Eee PC 1215N has a 12.1-inch screen with a resolution of 1,366 x 768 pixels, a VGA and HDMI output port, and especially the latest 3 USB standard 3.0 ports and a memory card reader.

This netbook is also one of the first notebooks with Nvidia Optimus technology to switch between Nvidia ION's graphics chip and Intel GMA 3150 integrated graphics chip to help improve performance.

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### **Award for "Super Mobile" series**

Cheap products: **Toshiba Satellite T235-S1350**



Toshiba Satellite T235-S1350 has the lowest price of 600 USD. One of the most stylish and inexpensive mobile phones, yet stylish and quite fashionable.

Toshiba Satellite T235-S1350 weighs 1.3kg, 13inch screen. It uses Intel 1.2GHz processor, 4GB RAM, and 320GB hard drive, 5,400rpm, the battery can be operated within 6 hours.

High price product: **Sony Vaio Z**



With prices up to 1,860 USD, Sony Vaio Z deserves the title of "ultra-mobile" at high prices. It uses 32nm Core i5 processor, 6GB RAM, SSD Quad hard drive running RAID, Nvidia GeForce discrete graphics GT330M and 13.1-inch LCD screen with full-HD resolution.

This is a high-end computer with outstanding features and impressive design. Sony Vaio Z has a weight of 1.45 kg, the aluminum frame combines carbon fiber durable.

At the end of September 2010, the Japanese manufacturer said it will continue to upgrade its already powerful "power" of Vaio Z. This model will have more color choices but the shell still retains the same material. carbon fiber.

### **The prize for Notebook is light and thin**

Cheap product: **HP Pavilion dm3t**



Priced at around 550 USD and light weight, the HP Pavilion dm3t is a bad choice for jobs that require a lot of mobility and moderate power. Pavilion dm3t's screen is 13.3 inches wide and has a resolution of 1,366 x 768 pixels. Viewing angles are quite narrow, but colors are bright and sharp.

HP Pavilion dm3t uses Intel Core i3-330UM 1.2GHz processor, 3GB RAM and 320GB hard drive. The hardware parameters and overall measured speed show that this product is faster than ultra-thin laptops but slower than conventional thin-and-light laptops.

The system booted into Windows 7 took exactly 1 minute 6 seconds, not fast but not too slow. The file transfer rate of the device is also slower than the average of thin and light models.

High-priced product: **MacBook Pro**



At a price of \$ 1,200, but still using the Core 2 Duo chip, the processing speed is raised to 2.4 GHz, the 13-inch MacBook Pro is worthy of a thin, high-priced notebook.

The new MacBook Pro still retains the monolithic aluminum (unibody) design with the multi-touch trackpad quite wide.

Apple has significantly improved the graphics capabilities for this new MacBook. The 13-inch MacBook Pro version uses a new Nvidia GeForce 320M graphics card.

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## Laptop for every need

Cheap products: **HP G62T**



HP G62T laptop is priced at 600 USD. This model integrates Intel 2.13 GHz Core i3 processor, 4 GB RAM, 500 GB storage drive, 7,200 rpm, DVD / Blu-ray read / write drive. Speaker Altec Lansing .

G62t has a 15.6-inch LED backlight screen, a resolution of 1,366 x 768 pixels. However, this HP laptop is only equipped with an Intel onboard graphics chip, not a product from Nvidia or ATI.

This laptop model has standard Wi-Fi, LAN, Bluetooth, 3 USB ports, HDMI, memory card reader and webcam. The surface of G62t is dull silver, weighing 2.5 kg, pre-installed with Windows 7 Home Premium operating system.

High price product: **Dell XPS 15**



At \$ 864, the Dell XPS 15 is sleek. The XPS 15 has a silver aluminum exterior, with no fingerprints. But this color makes it not really impressive.

Notably, the laptop has small bars protruding behind the lid and the XPS icon glows, blinking when the machine is in hibernation mode.

XPS 15 has Nvidia Optimus graphics card, JBL external speakers, HD resolution display, Blu-ray disc player. In addition to USB 3.0, high definition webcams can work with Skype HD applications.

**Laptop for business people**

Cheap products: **Dell Vostro V3300**



With a price of 911 USD, Dell Vostro V3300 belongs to a business laptop series, thin and light in size, fashionable.

Using 2.4GHz Core i5-520M chip, 3 GB RAM, 320 GB hard drive, Nvidia GeForce 310M graphics card, this model has a 13-inch screen. The machine is made of metal so it is scratch resistant, light, and feels strong and firm.

The case has a light aluminum color, so it is very eye-catching. Vostro 3300 is said to be suitable for small businesses when they want to invest in replacing technology equipment. This is also a quite outstanding design with a relatively moderate weight, only about 1.8 kg.

High-priced products: **Lenovo ThinkPad X201s**



Lenovo ThinkPad X201s, priced at 1,660 USD, is the number one choice for entrepreneurs. It uses Intel Core i7 processor, battery life of over 8 hours and 12 inch screen with 1,440 x 900 pixel resolution.

If you want to "buy" a laptop for work, the ThinkPad X201s is the first choice thanks to its masculine, classy, ?? rugged design but quite light. This model has a large resolution anti-glare screen with high performance.

However, this model also has some disadvantages such as no webcam, slow speed hard drive (only 5,400 rpm).

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## **Laptop for entertainment needs**

Cheap product: **Toshiba Satellite M645**



Toshiba Satellite M645, priced at around \$ 990, is included in the mid-range market for the Satellite Premier series. The design doesn't have much of an impression if compared to other models, but the way to express it with the embossed ones really makes every user keep an eye on it.

Sturdy, rugged, quite stable with 14-inch screen, speaker system with Dolby Advanced Audio Technology, 2.4 GHz Core i5-450M chip, 4 GB RAM, 500 GB hard drive, chiclet keyboard.

It uses discrete Nvidia GeForce GT330 graphics card equipped with NVIDIA Optimus technology and a reputable Harman Kardon speaker system. Wide hover and no fingerprints left.

High-priced product: **HP Envy 17**



With the lowest price of 1,500 USD, the HP Envy 17 is equipped with many powerful features, good entertainment support. The Envy 17 has a 17.3-inch screen with two options for resolution of 1,600 x 900 pixels and Full HD 1,920 x 1,080 pixels.

This model also has the option of Core i5 and Core i7 processors with ATI Mobility Radeon 5850 discrete graphics. The case is made of magnesium alloy, aluminum and the top surface with engraved patterns of exclusive HP technology.

The speaker system is excellent compared to other notebooks, HD webcam, USB 3.0, 1.6 GHz Intel Core i7-720QM, 6 GB RAM, 500 GB hard drive. The device is fully equipped with connectors from VGA, HDMI, eSATA, DisplayPort.

### **Laptop for gamers**

Cheap products: **Alienware m11x**



Alienware m11x is the most compact and professional gaming laptop today. At a price of \$ 1,300, Alienware m11x owns an 11-inch, but powerful display, with an 1.2 GHz i7-640UM Intel Core chip, Nvidia GeForce GT 335M graphics.

Alienware m11x has a rough shell and is designed like previous Alienware series. Size and weight are an advantage of Alienware m11x that few laptops play games. Screen 16: 9 standard, resolution of 1366 x 768 pixels, HD 720p standard.

In addition to its light weight and compact size, the m11x's battery life can be said to be the longest in the Alienware series, with 8-cell battery life of up to 4 hours. The thing that up to now, it's hard for any laptop to play games.

High price product: **Toshiba Qosmio X505**



At \$ 1,700, the Toshiba Qosmio X505 is equipped with a standard LED-backlit keyboard, with a powerful combination of a 4-core 1.73 GHz Intel Core i7-740QM chip, Turbo Boost technology up to 2.93 GHz, 6GB RAM.

The Qosmio X505 owns a traditional 500 GB hard drive (7,200 rpm) and can be converted to a 64GB SSD. The screen displays 18.4-inch high definition, supports Full HD resolution of 1,920 x 1,080 pixels.

Qosmio is preinstalled with Windows 7 Home Premium 64bit operating system, 3 USB 2.0 ports, memory card reader, 1 eSATA / USB port.

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