

'Market' online buy laptops

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More and more people choose to buy laptops online. The advantage of this is that it is possible to select multiple templates and multiple configurations without taking much time. But it is this diversity that makes many people find it difficult to choose what they need, such as always having the question of whether to pay an additional \$ 25 for a faster processor? Or how to process an additional \$ 50? Is it necessary to have a "high-end" Nvidia GeForce graphics card or is the Intel universal integrated card just enough? Not only that, consumers are also "fascinated" by the advertising campaign "cult" of manufacturers and distribution with banners such as "*The best laptop with Intel processor* "; "*Large capacity hard drives for more installation programs* " . and other similar ads.

Here are suggestions to help you avoid mistakes in choosing your favorite laptop online.

Processor



If you need to use powerful applications, you should have a Core 2 Duo chip. *Photo: Tech2* . The fact is that most common software applications do not "consume" CPU resources, except games. Therefore, for the general user, choosing an AMD or Intel brand processor is not a problem. But you should also take care of other aspects.

First of all is the battery life. AMD processors are often ineffective in using electricity as Intel processors. If most of the time you use a laptop is in the room or near a power source, choosing an AMD processor is more suitable and economical.

Secondly, when choosing Intel products, consider the characters like "P" or "T" written on the chip. These are "mid-range" Intel chip models with good power performance that extend battery life.

The third point to note, you should choose to buy a "dual core" processor. Do not choose "Celeron" or "Sempron" models. Currently, in the market, both AMD and Intel offer good "dual core" models.

Next, consider how to choose "powerful" processors. If you need to use the device for "heavyweight applications" like video editing, image processing . you should invest more for Core 2 Duo models or even Quad Core models. Therefore, you also need to decide in advance the money you spend on the chip. There is a huge difference in prices between samples given by manufacturers right next to each other in the list. The difference of about \$ 50 between the two processors is able to bring the system faster than 200 MHz. And it is not necessarily wrong to choose "intermediate" models. It is important that they fit your needs.

Finally, a seemingly "unusual" hint, if you want to choose a laptop to play at "affordable" prices, choose AMD models instead of Intel. Not only is the processor speed faster, the additional options for AMD graphics cards are also varied and less expensive.

RAM memory



Buy retail RAM and upgrade it yourself. *Photo: Ralphlosey* .

This is probably the easier option. A typical user rarely needs more than 2 GB of RAM, while Media players or gamers will need up to 4 GB of RAM. But the more RAM capacity, the more users benefit regardless of the target group. Therefore, it should not be bothered when the manufacturer offers 3 GB RAM configuration, there are even models equipped with 8 GB RAM with "unbeatable" price.

The cost of upgrading the RAM directly when configuring the machine is usually higher than that the user "upgrades" themselves. Typically, with Apple products, when choosing a model with a larger RAM capacity, the product price increases "unreasonably." You should note, the price of retail RAM is cheaper than buying with the machine, in addition, the removal to upgrade RAM is not difficult.

Most laptop models are easy to remove and upgrade RAM without affecting warranty issues. It usually only takes up to 5 minutes to do this, and there are also guidebooks to help users proceed effectively. So, except for suppliers that offer free RAM upgrades, buy retail RAM from retailers and upgrade it yourself.

OS operating system

This is also an easy choice for users. Until now, when Windows 7 has not officially "released", Windows Vista is almost the only option. Although there are many complaints, but Vista is still the operating system has a nice interface and quite stable.

You should choose the Home Premium version, because versions like Business and Ultimate include many applications you will hardly ever use, and Home Basic is too "sketchy". And if your laptop is equipped with 4 GB of RAM, you can choose the 64-bit operating system version instead of the usual 32-bit.

Storage capacity



HDD drive for laptop. *Photo: Laptoprepair101* .

This is a preference for hobbies and is based on three main criteria: Capacity, speed, traditional hard drive HDD or new solid-state SSD drive.

In terms of capacity, if you only need to store software, text documents, photos, you probably don't need more than 160 GB of storage space. But you will need more for video storage and editing needs.

In terms of speed, there are two options with HDD hard drive which is 5400 rounds per minute and 7,200 revolutions per minute. Should choose faster speeds not only for the needs of media work, but usually hard drives operate as quickly as possible, avoiding "bottleneck" during data processing. Therefore, spending more money to own a data storage engine is safer and more efficient than it deserves.

SSDs are becoming more and more popular, but the price of this product is still very expensive. In return, the speed of data storage and high safety are what users are assured. The biggest problem is still the cost associated with limited capacity. If business needs, requires a machine with the ability to copy, read / write data as quickly as possible, SSD is a worthwhile option. As for general users, it will be an "expensive" and even "wrong" option.

Optical drive

It is not difficult to choose an optical drive. The first option is a DVD burner, the best means to back-up "remote" of your data and this is a real need. In addition, there is an "expensive" Blu-ray drive if you need to watch movies with Blu-ray discs, think about this option.

Other options, such as a drive with LabelFlash or LightScribe disc labeling, allow you to "paint" the disc surface with custom images. But perhaps this is not a necessary option, and it is also inexpensive for just 10 USD more than a normal DVD drive.

Screen



Low-resolution screen when playing games images are not beautiful. *Photo: Pricegrabber* .

Perhaps this is a rather difficult and easily "wrong" choice. If you choose the background LED screen, you will spend an additional \$ 100, but the image is brighter and more energy efficient.

In terms of resolution, the higher the screen resolution, the more workspace, but the smaller the text characters displayed. Therefore, for those who are not good at sight, use a low resolution screen. However, the screen has a low resolution, when playing games to produce unfortunate images, it is "bloated" very unsightly. Partly because the graphics card is not enough to handle images and supports higher resolutions.

Graphics card

If you want to use a laptop to play games, immediately remove the configuration option with the integrated Intel graphics card. Instead, choose a Nvidia GeForce or ATI Radeon discrete card. And should consider carefully because once configured, you can not upgrade the graphics card for laptops. So if you have the need to play games and models that you 're looking at' without choosing Nvidia GeForce or ATI Radeon graphics cards, switch to other models. If the manufacturer offers more than one option for graphics cards for both Radeons / GeForces, choose a card that is affordable. Just like RAM, the graphics card is as powerful as possible if you're a gamer.

As mentioned above, AMD models are more powerful and cheaper than Intel, with more graphics card options. Many integrated card models are compatible with powerful AMD processors and are able to support your laptop running smoothly in most current games with moderate output settings. Radeon HD 3100/3200/3300 - and GeForces graphics card models are the right choice for gamers with "tight pockets".

Network connections

Wi-Fi, Bluetooth, and 3G wireless connections are interesting options.



Should be equipped with standard Wi-Fi connection n.*Photo: Sohonettech .*

With wireless networking, you should choose Intel Wi-Fi card for your Intel microprocessor-based laptop model. You should be equipped with standard Wi-Fi devices because they are both popular and not too expensive. While with laptops using AMD processors, additional investment with standard Wi-Fi devices is far away.

Bluetooth connectivity should be upgraded for about \$ 10 because there will be times when you need to use a Bluetooth mouse with your laptop. In addition, it is possible to connect laptops to mobile devices using Bluetooth as a mobile phone to share data.

Internet connection via 3G network is only possible when the user registers the service with the mobile network provider.

However, these features can be upgraded later with external signal acquisition devices via USB. To save costs, you can skip these options and purchase a USB Adapter device with the same features.

Warranty period

Most manufacturers support the warranty of the machine and accessories included for a period of one year. In addition, they also provide additional warranty extension services and better technical support with different fees. Again, this is an option to integrate individual interests.

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