

Focus CES 2007: Laptop and hard drive

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1, Laptop

Undoubtedly, the pre-installed laptop models of Vista will be the focus of this year's exhibition, in addition to numerous other attractive features and technologies.

In 2006, the popularity of tablet PCs was modest, but the wind reversed in 2007 thanks to Vista's leverage. Improved writing recognition software, not to mention a number of new features, will make the tablet more welcoming.

The version of Windows Vista for business has been released since November 2006 (the user version must be officially released on January 30, and with this starting point, the laptop models for entrepreneurs will be very attractive. great at CES 2007.



Source: *tafevc.com* Microsoft has *briskly* advertised new security features in Vista, and the vast majority, if not

all, business laptops will run on TPM (Trusted platform module). reliable). You will need TPM to fully utilize the power of BitLocker drive encryption technology inside Vista.

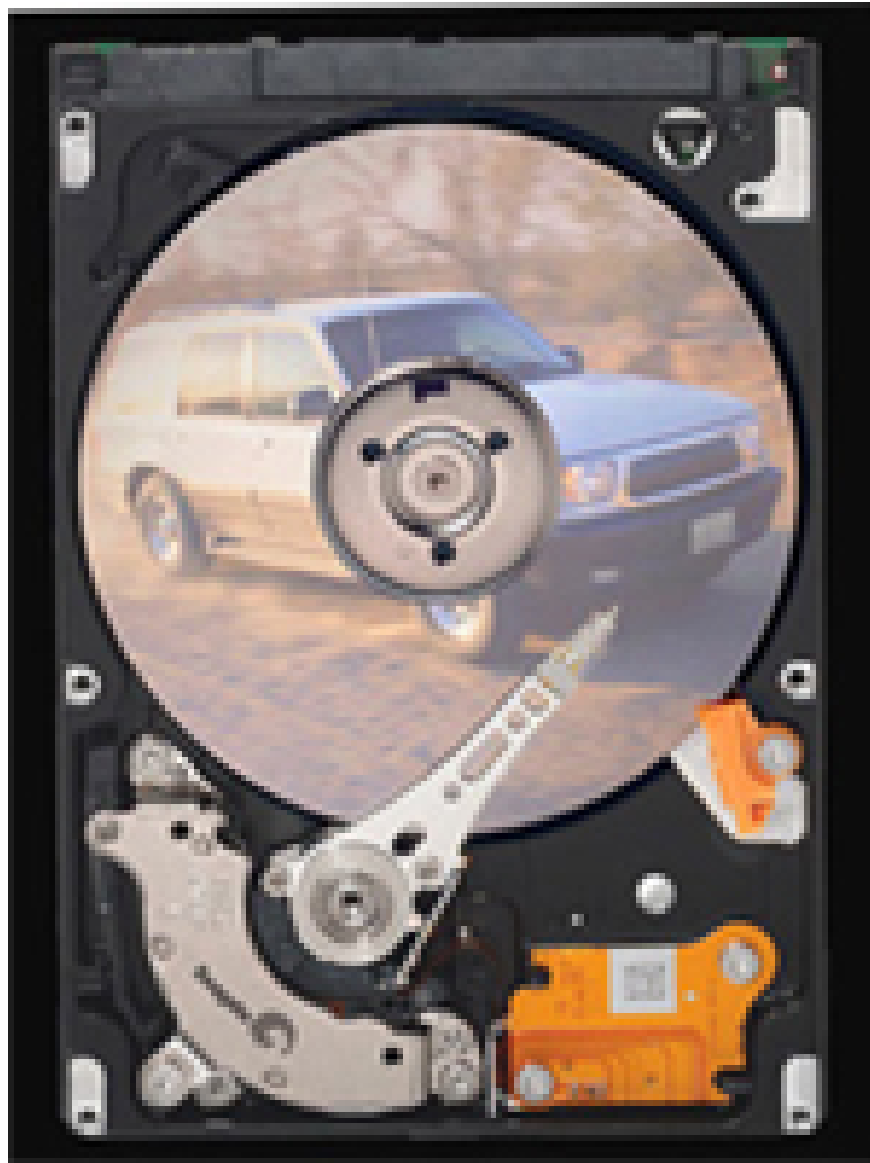
In addition, Vista's SideShow feature also gradually "shows up". When combined with a second secondary monitor on a laptop, this feature gives you quick access to photos, email and RSS without even turning on the computer. Last year, at the CES 2006 exhibition, Asus initially demonstrated this convenient feature with a laptop model. Certainly this year, other laptop giants will not let Asus stand alone.

New technologies from 2006 will continue to be "tasted" and "distilled" at CES 2007. There will be more and more laptops using dual-core processors (from both Intel and AMD). The high-resolution battle continued fiercely between HD DVD and Blu-ray. The ultra-powerful entertainment laptops will be available with ultra-sharp screens and HD drives (for example, the Dell XPS M1710 is equipped with a Blu-ray drive).

Recent wireless technologies will also be very prolific at CES 2007. With the 802.11n format, users can expect data rates of up to 130 Mbps, wider frequency band and Compatibility with other 802.11 a / g devices.

In terms of form, laptops in 2007 will be thinner, smaller, lighter and more fashionable.

2. Storage device



Source: BusinessWeek From microprocessors to laptops, people are always looking for ways to cram as much power as possible into tight spaces. External hard drives and flash drives are certainly no exception. In 2006 alone, we saw the introduction of flash drives with capacities up to 6GB and even 8GB. So, you can expect a 12 GB flash drive to be released at CES this year.

With the intense evolution of orthogonal recording technology (the bits on the drive are stacked vertically instead of horizontally as before, allowing more data to be stored in the same area), a 160 GB notebook hard drive It was released in 2006. As expected, notebook hard drive capacity could double in 2007.

However, storage is not everything. What is important is what you can do with that memory. Windows Vista will launch Windows ReadyBoost. This technology allows users to use a removable flash drive to "power up" the system memory.

You wonder: What is so important? Let's assume this: If your computer cannot upgrade your system memory, or you simply can't install the memory yourself, ReadyBoost will take care of you. Memory will be boosted in a delicious way like peeling candy, not tired, not stressed, not scratching your head but the system will be significantly improved performance.

Finally, wait for the launch of hybrid hard drives. Designed specifically for Vista laptop models, hybrid hard drives are hard drives with built-in flash memory. The data will be written into flash memory instead of the mechanical hard drive as usual, so that the laptop saves energy and the data transfer rate is also higher. Seagate is one of the first companies to launch a hybrid hard drive at CES 2006. To CES 2007, it will surely have more competitors.

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