

# Laptops using chips Core i pressed the Core 2 line for discounts

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Currently computer manufacturers consider using Intel Core i processors (i3, i5, i7) as an inevitable trend and many Core i computers have been released over time. There are two types of Core i: laptop: upgrade the old device to the Core i and the second is to change the completely new design to the new generation of machines with Core i processor.



Consumers are gradually shifting to using integrated laptops with Core i processors.

From the beginning of the year until now, machines using Core 2 chips have had significant "discharge" discounts. Meanwhile, the number of Core i machines sold increased sharply. Representatives of Digiworld in Ho Chi Minh City said that Toshiba computers integrated Core i sold in the first months of the year reached more than 60% compared to Core 2 configurations. Core i computers of other brands such as Dell , Acer . also

exceeded the sales of Core 2.

In March and April, Core i3 laptops were "sold out", distributors didn't have enough machines to sell. However, at the present time, the goods are full and diverse in most firms.

Ms. Vo Thi Hoang Quan, General Director of FPT Distribution Company, said all computer firms are transferring or adding new Core i. Converted models include entertainment, office, business. The most popular and upcoming Core i3 330 processor will be replaced by Core i3 350.

" Intel's policy is to bring new products to replace old chips, so they try to keep prices reasonable so that consumers can easily accept Core i," Mrs. Quan said. Compared to the previous Core 2 laptop price, the Core i configuration machine is not too high. Core i is priced from 13 to 16 million, selling well. These machines are equipped with Core i3 processors for general consumers, providing the ability to handle most everyday applications such as surfing the web, watching HD movies, playing popular games.

According to Pham An Duong, Intel Vietnam marketing manager, Intel is gradually transforming its products completely into Core i7, i5, i3 processors and supporting manufacturers to shift to this trend. " So the price of new products using the new Core processor is not significantly different from previous Core 2 products," Duong said. " In the future, computer manufacturers will continue to offer new product lines using Core i7, i5 and i3. At that time, older Core 2 products will gradually disappear now on the market".

Compared to previous generation Core 2 microprocessors based on 45 nanometer technology, Intel Core i7, i5 and i3 processors were first produced on the 32 nm cycle. Intel's second generation high-k metal gate transistors and many other breakthroughs help speed up processing while reducing the power consumption of computers.

This is a smart processor that can adapt to individual needs, automatically 'speed up' performance for everyday computing applications and has such high energy saving performance. It is possible to turn off processing cores or reduce power consumption to provide optimum performance when users need it, and maximize power saving when users do not need it.



Two of the most prominent technologies in the new Core processors are Intel Turbo Boost acceleration technology and Intel Hyper-Threading hyper-threading technology, providing high adaptability to performance, from which to bring re-compute smarter computing power.

While Intel Turbo Boost technology automatically speeds up performance, adjusting to workloads to give users immediate performance acceleration when needed, hyper-threading technology Intel Hyper-Threading enables intelligent multitasking by allowing each processor to run multiple data streams, balancing power saving capabilities while simultaneously handling many other tasks. together.

Intel Core i7, i5 and i3 processors are also the first to integrate graphics into mainstream computer processors. With the graphics technology called Intel HD Graphics, the processor will deliver impressive visual effects and the ability to enjoy high-definition video (HD).

It is also the semiconductor chip industry's first integrated solution to provide multi-home theater audio capabilities with Dolby TrueHD and DTS Premium Suite. In addition, Intel HD Graphics also supports normal and normal 3D games without resorting to discrete video cards, fully supporting the new Microsoft Windows 7 operating system.

Another important feature for universal laptop users is Intel Switchable Graphics, which allows users to play games that require graphics processing power to automatically switch between integrated graphics. Intel to discrete graphics immediately, without having to reboot the machine, to help optimize battery life and performance.

Since the launch of Core i processors in January this year, more than 400 designs of laptops and desktops using these microprocessors have been announced by machine manufacturers. count, along with 200 other product designs for embedded devices.

For advanced users, always demanding computing power for their work, the Core i7 processor is always the best choice. Meanwhile, Core i5 processors target mid-range objects, which require a balance between performance and cost. The Core i3 processor is used for general consumers.

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