

# Should you upgrade your laptop CPU after a period of use?

Do you want to upgrade your laptop CPU? Let's see TipsMake's article now to know if you should upgrade your laptop CPU?

After a long time of use, your laptop can no longer meet the strong performance required for use, so you want to upgrade the CPU? Let's see TipsMake's article now to know if you should upgrade your laptop CPU?

## Can I upgrade laptop CPU?

After a period of use, when the laptop's performance can no longer meet usage needs such as running heavy games and graphics software, many people decide to upgrade internal components such as RAM and SSD hard drives. ....

In addition, there will still be another less popular option. Considered but promises to bring higher efficiency than upgrading **laptop CPU** .

The reason why few people choose CPU is due to a number of specific reasons related to the cost of the chip as well as upgrading CPU for laptops has many potential risks and requires high technical factors.

Picture 1 of Should you upgrade your laptop CPU after a period of use?

## Does upgrading CPU increase durability?

Some old laptops (from generation 3 and below), upgrading the CPU does not affect the durability of the device. These are generations of laptops that are designed to be flexible so that users can comfortably upgrade when necessary.

However, **upgrading laptop CPUs** has limitations that need to be followed because when assembling the device from the factory, the manufacturer has considered choosing the accompanying component system to balance the overall power. Therefore, you can only improve at a reasonable level to ensure the laptop's durability.

Picture 2 of Should you upgrade your laptop CPU after a period of use?

## Some notes when upgrading laptop CPU

The important thing when upgrading a CPU is not to choose a chip that is too powerful so that you get correspondingly strong performance. This only causes the machine to generate more heat, overloading the system and reducing its lifespan.

For thin and light laptops with the CPU soldered to the mainboard, you should replace the computer with a new circuit board to improve performance. You should not upgrade the CPU because it has a 20% risk.

Most CPUs are attached directly to the mainboard of laptops using newer Intel chips such as Haswell, Ivy Bridge, so upgrading **ASUS laptop CPUs** is also more difficult than older laptops and has many potential dangers. risk opportunity. Therefore, you should consider carefully before deciding whether to upgrade **your laptop's CPU** or not.

Picture 3 of Should you upgrade your laptop CPU after a period of use?

## How much does it cost to upgrade a CPU?

As mentioned above, depending on the laptop model you are using, you can choose the appropriate CPU to **upgrade your laptop CPU** . Therefore, the cost of **upgrading laptop chips** also fluctuates flexibly. You should balance based on your usage needs as well as your financial conditions.

In addition, due to the possibility of errors, technical operations when upgrading a laptop's CPU are very important. You need to choose reputable addresses to replace laptop chips **instead** of doing it yourself at home.

Picture 4 of Should you upgrade your laptop CPU after a period of use?

## Does upgrading a laptop's CPU have any effect?

In fact, for some laptops, upgrading the laptop's CPU has absolutely no effect on the machine and its durability. Because of **replacing laptop CPUs** with those models, manufacturers have offered flexible production configurations for consumers to choose from.

Typically there are two Asus laptop versions: K43SD-VX388 (Intel Core i5-2450M 2.5GHz, 2GB RAM, 500GB HDD) and K43SD-VX218 (Intel Core i3-2350M 2.3GHz, 2GB RAM, 320GB HDD).

Basically, the two versions above are completely identical in appearance, screen, mainboard, battery,. Only different in configuration: CPU, RAM, HDD,. there is also a price difference of about 2 million between the i3 and the i3 version. i5, so you can **change the laptop CPU** from I3 to I5.

However, if you intend to upgrade the CPU for your laptop, you should also know that when manufacturing the device, the manufacturer also calculated the criteria for suitable components, so you only have upgradeable to a certain extent.

Like **upgrading laptop CPU** from core i3 to core i5, from core i5 to core i7. People cannot upgrade from i3 to i7 because this will cause some errors such as the device will get hot and easily crash because the high-end CPU does not match the configuration given by the manufacturer. Furthermore, after upgrading a laptop CPU, performance only improves to a certain extent.

Picture 5 of Should you upgrade your laptop CPU after a period of use?

## Which laptop models cannot upgrade the CPU?

Currently, newer 4th generation machines (Haswell) and later cannot **upgrade the CPU for laptops** because the CPU is already integrated on the main board. If **you replace the laptop chip**, it will lead to many risks and affect the operation of the machine.

Although in theory it is still possible to upgrade, the limitation is that it poses great risks and the upgrade cost is also very high, so experts do not often recommend that users upgrade CPUs from generation 4 or higher.

However, there are still some laptop lines like HP that use 4th generation CPUs with separate CPUs, so the ability to upgrade is easier, but it is only limited to a few generations. And that's also a minority.

Picture 6 of Should you upgrade your laptop CPU after a period of use?

## Can a laptop with a CPU soldered to the mainboard be upgraded?

For laptops with a CPU socket plugged into the mainboard, the upgrade is very simple and easy. However, with some laptop lines with thin and light designs, especially the 3rd generation Intel Core i series and above (Ivy bridge, Haswell, Broadwell,.), soldering the CPU to the mainboard can be quite difficult. It is very difficult to **upgrade** and replace laptop CPUs.

But that doesn't mean it's impossible to upgrade such a machine. In fact, the upgrade can still be carried out but however the user will bear 20% of the risk.

Because the CPU is soldered on the mainboard to manage many power blocks on the mainboard, moreover, when the CPU is removed from the mainboard, heat dissipation will occur, which can cause surrounding components to be affected.

In this case, your only option is to replace the computer's mainboard or fix it, but it will not be stable when used.

## Epilogue

Through the above article, it can be seen that **upgrading a laptop CPU** depends on the user's needs. If you want to improve your computer speed faster, according to TipsMake's recommendation, you should upgrade RAM or upgrade your laptop's SSD, etc. along with upgrading the CPU.

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