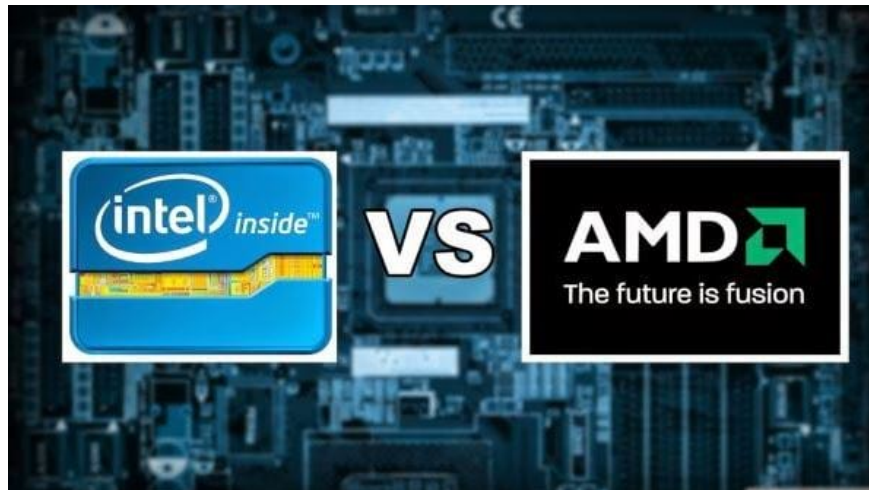


Comparing AMD and Intel chips, which one should you choose?

Both Intel and AMD are leading chip manufacturers today. In this article, TipsMake will compare AMD and Intel chips to give you an overview of these chip lines.

The rivalry between **AMD** and **Intel** has always been a major topic and a long-standing debate spanning decades, seemingly without end. It's highly likely this competition could continue for another 10 years, or even longer, as the PC market demands faster processors.

If you're wondering whether to choose an AMD or Intel chip, and which one is better, please continue reading TipsMake's article " **Comparing AMD and Intel Chips : Which One to Choose?**" below to find the answer.



1. Comparing AMD and Intel chips, which one should you choose?

Both AMD and Intel manufacture chips based on the x86 architecture, which is why all Windows 10 applications tend to function similarly regardless of which brand of chip the system uses.

If you're wondering whether AMD's creation of x86 chips is primarily due to a past technology exchange agreement with Intel, remember that at the time, AMD was only Intel's second-tier supplier. However, things changed in 1991 when the company decided to create its own chip based on the x86 platform and compete directly with its former partner.

AMD's Am386 processor is a copy of Intel's 80386 processor. However, this processor has not yet made a significant impact on the market for AMD.

Refer to the content below to learn, compare, and evaluate AMD and Intel chips.

Efficiency

When buying a new processor, the first thing you need to consider is performance. However, this also depends on whether you use your computer for work, gaming, video rendering, etc.

Let's say you want to use it for gaming and you have enough budget; in this case, you could buy a processor with a dedicated GPU. Some Intel-based processors come with discrete graphics, but they aren't powerful enough for gaming.

Meanwhile, AMD launched the Ryzen 5 2400G with an integrated Vega 11 GPU that can achieve performance comparable to discrete GPUs such as the laptop version of the Radeon RX 550 or the GeForce GT 1030.

For gamers and users with limited budgets, investing in an AMD chip might be a good option instead of an Intel chip.

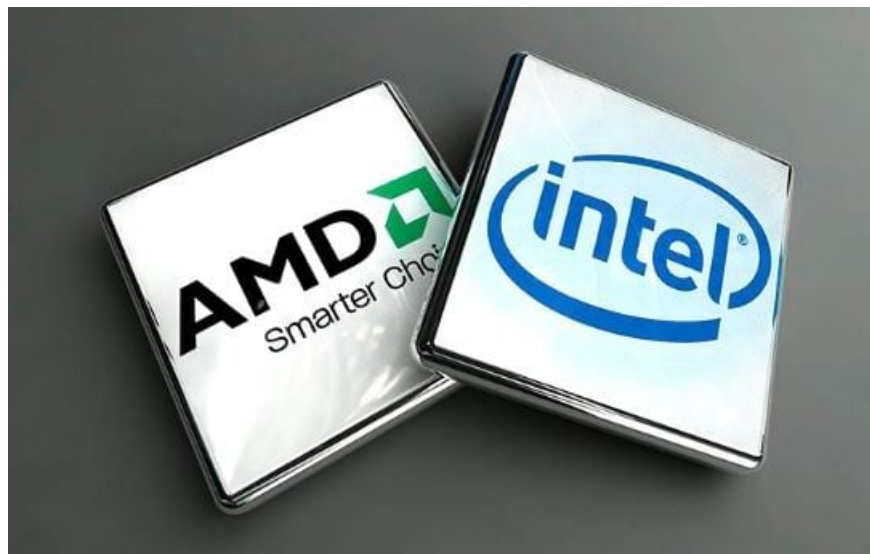
For those who can afford the highest possible performance, Intel products are a good option. However, AMD offers users a better multi-threaded performance experience due to its higher core and thread count.

If we compare the Intel Core i9 and AMD Threadripper, Intel's and AMD's top-of-the-line chips, it's clear that both chips offer comparable performance, but Intel has an advantage in raw performance.

CPU overclocking

If you're interested in the best overclocking performance for your computer processor, Intel chips are the best choice for you.

With sophisticated hyper-threading and turbo-boost technology, we can be confident that Intel chips can handle everything well. Of course, AMD is not far behind, especially with Ryzen, but at this point, Intel still holds the advantage.



2. Which is better, AMD or Intel graphics cards?

AMD offers several dedicated graphics cards on the market, but Intel does not. Over the years, rumors have circulated about Intel acquiring NVIDIA, but these have remained just rumors. Currently, Intel is planning to

launch its own line of dedicated graphics cards, but it's uncertain when the company will release these products to the market.

According to Intel, the company plans to launch a line of dedicated graphics cards in 2020. Currently, there is no information on the manufacturing process used for Intel's dedicated graphics cards, nor on whether they will achieve performance comparable to AMD and NVIDIA graphics cards.

However, one thing is certain: Intel will have to sell these specialized GPUs at a lower price than its competitors if it wants to attract users and gamers.

Which one is better for gaming?

If you're wondering whether AMD or Intel processors are better for gaming, objectively speaking, both support gaming well; however, Intel processors are designed specifically for gaming, so their overall performance is also better.

On the other hand, AMD processors are also designed and improved for better performance, especially Ryzen. However, many games on the market are optimized to take full advantage of Intel CPUs, which is why Intel has an advantage over AMD.

Selling price

Intel is known for producing high-end processors. For a long time, Intel reigned supreme by providing the best processors for work and gaming, far surpassing AMD.

Therefore, it's not surprising that AMD's prices have always been lower than Intel's. However, things have changed significantly since AMD launched the Bulldozer CPU series, and then in 2017, AMD launched Ryzen.

These CPU lines not only offer powerful performance but also have "reasonable" prices, being much cheaper than Intel CPUs.

3. AMD and Intel chips, which one should I choose?

If you only use your computer for simple tasks, there isn't much difference in performance between AMD and Intel chips. But if you're using it for gaming or video rendering, you should carefully consider which processor to choose.

For gaming with a dedicated graphics card, TipsMake recommends choosing an Intel chip, while for editing heavy videos and using multi-threaded applications, an AMD chip might be the best choice as it has more cores.

Additionally, AMD chips tend to offer better performance at mid-range and low-end prices. If you have a limited budget, you might consider choosing an AMD chip.

Refer to the operating temperatures of some Intel and AMD CPUs [here](#).

Hopefully, after reading TipsMake's article comparing AMD and Intel chips, which one to choose, you will have a more comprehensive overview of these chips and be able to make an informed final decision. To check which chip your computer is using, you can download the CPU-Z software [here](#).

If you have any questions or need clarification, please leave your comments in the section below the article.

You finished reading the article "**Comparing AMD and Intel chips, which one should you choose?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.
