

Should you buy a gaming laptop or build your own desktop PC?

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If you are interested in the laptop market, it can be seen that in the last few years, gaming laptops have encountered a lot of mockery and ridicule from users, especially the hands play professionally, why is that?The reason is simple and revolves around a few questions like: Why do you have to pay more for a gaming laptop instead of a desktop computer, while at the same price? , will the desktop have much more powerful specifications?Moreover, gaming laptops don't have really high mobility, they are heavy, bulky, batteries are poor and heat dissipation is not good!



1. 10 tips to increase durability for laptops

However, the technology world is still developing rapidly, things can change a lot after only a few years. The tireless efforts of manufacturers in creating more mobile gaming machines in recent years are remarkable. In this article, we will analyze whether at the present time, is a gaming laptop worth buying? Or will investment in a desktop game play be a smarter choice?

Gaming laptops and gaming desktops

1. Investment costs
2. Processing power
3. Design and appearance
4. Perfect choice

Investment costs

First, it must be affirmed that in order to own a gaming laptop capable of 'weighing' most modern titles of high quality, you will have to spend no less than 1,000 dollars, with dark configuration. Minor need is GTX 1060 GPU and 1080p screen. In general, do not expect affordable prices in terrible gaming devices that are highly mobile.



Available to mention mobility, this is also one of the important factors that you must consider. Do you plan to play a lot of games during trips, or will you mainly play games at home? The reason this question is important is because with the money spent on a powerful gaming laptop, you absolutely can buy a fully configurable office laptop, but still have the budget to build a system. PC gaming at home with the same configuration. Consider carefully the needs of your own use. How much you can save costs is in this step.

If you like the idea of ??playing games in many different places in the house, remember that services like Steam Link can allow you to perform transmissions between remote devices, so you can continue Play games from powerful desktops to compact laptops or even smartphones easily.



If you often have to move or simply love the design of gaming laptops, and there's nothing but conditions, investing in a powerful device with high mobility is also an option. not bad.

1. Do you need a "stone pot" laptop?

Processing power



If theoretically, the processing power of gaming laptops is almost as close to the desktop PC. For example, just look at the benchmark results of Nvidia GTX 1080 GPU graphics card between the laptop version and the desktop version, you will find that they are not too much different.

However, these are just numbers on paper, the story actually takes place in a very different way. In the same price segment, laptops tend to be fitted with smaller, lower-performance components to ensure that overheating does not occur when the device is operating continuously for a long time. Therefore, laptop OEMs are often limited in clock speed on GPUs, and sometimes they can be reduced to 30% to 50% lower processing speed than similar configuration desktops. This is no small disadvantage.

The lesson here is to test the GPU (and CPU) clock speed just before you decide to buy a new laptop because this parameter will vary with each device even if they use a common hardware configuration. At the same time, this parameter will almost certainly be a little lower than the equivalent desktop computer.



In addition, you should be aware that the noise level of a gaming laptop will be proportional to its processing power, even more than a desktop PC because of the cooling system. They will have to work much harder in a small space and have such high heat. This is a relatively common problem and can greatly affect your gaming experience.

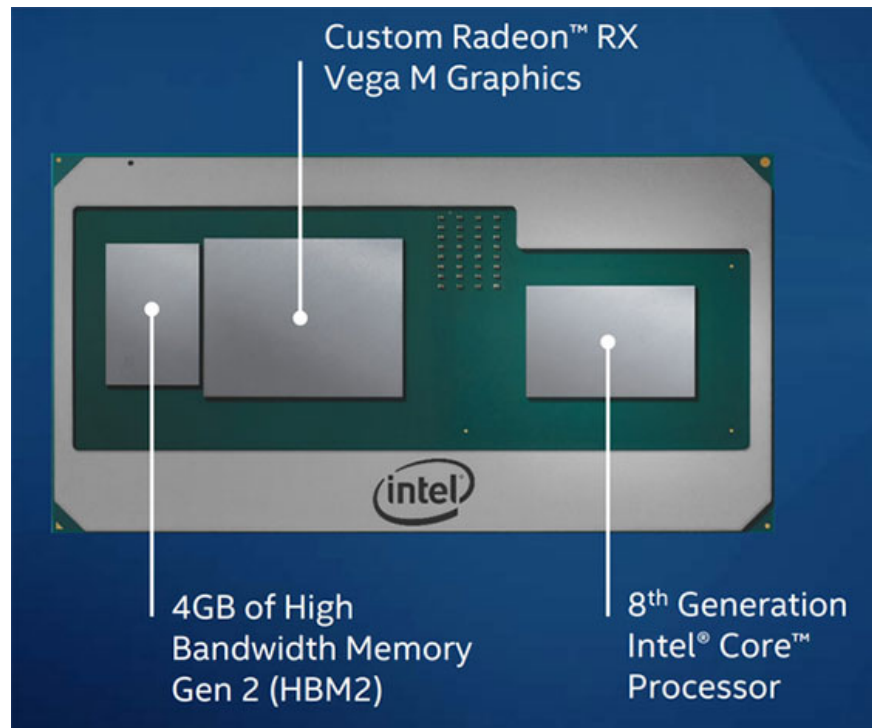
1. Laptops below 12 million are best for each criterion

Design and appearance



This is the real problem of gaming laptops. Most of them have designs that are not so bad, meticulously cut corners, gamers RGB LED lights that make anyone pay attention, but they are too heavy and bulky. Having to put in dozens of heavy components as well as having to reserve space for the cooling system makes the gaming laptops lose the convenience and mobility that makes the advantage of laptops when compared to desktop. There are exceptions, of course, and if you're willing to pay extra, you can own slim and impressive gaming laptops -

such as MSI GS65 Stealth or Dell XPS 15 2-in-1. But, in general, the compact, light with good price is still something that we have to wait for in the future, when the power of the graphics chip with lower capacity is improved, for example, the two Nvidia15 MAX-Q and AMD Vega M GPU models for example. They do not have the same performance as the highest-end products but have the advantage of lower power consumption and are designed for thin laptops. With a budget of less than \$ 700, you can absolutely earn yourself a Radeon Vega 8-10 GPU model, enough for good mid-range games while still ensuring relative mobility. high.



1. 14 secrets of a laptop buyer

Perfect choice

Technology in producing gaming laptops is improving, and in terms of finding a balance between performance and form factors, great efforts have been made by manufacturers in the last few years. To give users more noticeable names in the mid-range segment is something we have to recognize.



The problem here is still in the budget and the actual use. Suppose you have only about 30 million dong in hand, the question is whether to buy a 30 million gaming laptop or spend 20 million to build the equivalent desktop PC and the remaining 10 million for one Lightweight office laptop for everyday use. Consider each situation in actual use to give yourself the smartest choice. Good luck!

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