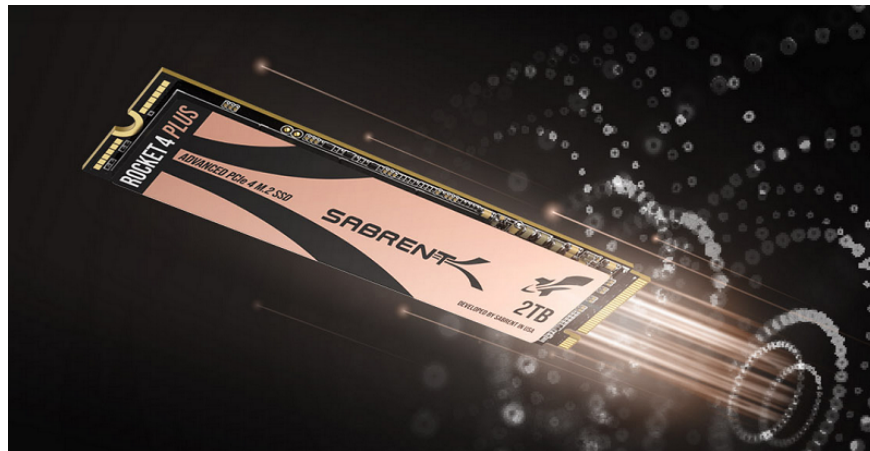


Top 10 best SSD hard drive 2021

In just a few years, the speed of SSDs has changed dramatically and flagship products are continually establishing outstanding levels of performance. In this article I will introduce to you the Top 10 best SSDs 2021.

The maximum speed of SSDs is increasingly improved based on new technologies, new chips and especially the PCIe Gen 4.0 connection protocol that AMD is leading the trend. In just a few years, the speed of SSDs has changed dramatically and flagship products are continually establishing outstanding levels of performance. In this article, TipsMake will introduce to you the Top 10 best SSDs 2021.

1. SSD Sabrent Rocket 4 Plus - The fastest SSD in the world



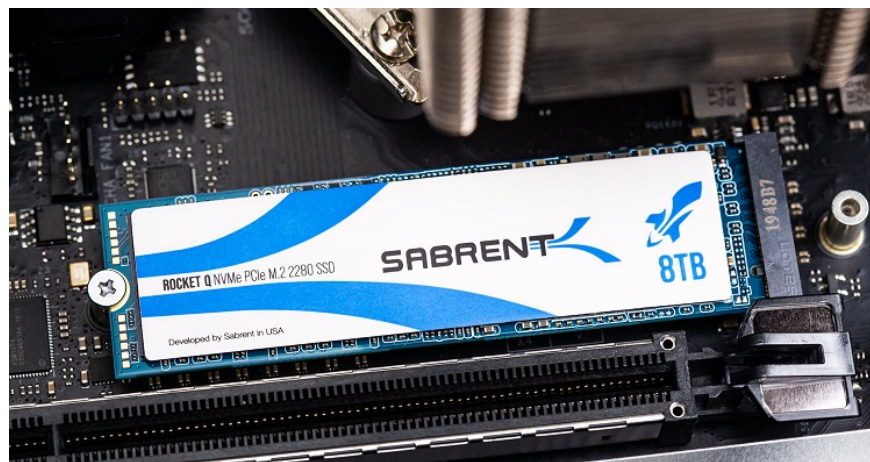
Previously, when it comes to high-speed SSDs, Samsung is always the first to be mentioned, but now the game is different. Sabrent has risen strongly with the Rocket 4 Plus PCIe 4.0, Sabrent's flagship product can achieve random read / write speeds of 7000 MB / s and 6850 MB / s, respectively. Although the difference is not too high compared to other competitors, these talking numbers make Rocket 4 Plus the fastest SSD in the world today. Not only is it provided with strong read and write performance, the Rocket 4 Plus is also equipped with a large aluminum heat dissipation system and large copper pipes.

2. Samsung 980 PRO SSD - High performance SSD



Following the successes, Samsung unveiled the first generation of its PCIe SSD 4.0 with the product code is 980 PRO. Samsung has always been known as the leading manufacturer of memory chips in the world, so the SSD 980 PRO uses all of the 'home-grown' components developed by the company. The outstanding components in SSD 980 PRO we can mention such as: Controller Elpis and high-performance NAND TLC memory chip. However, Samsung has traded the performance and durability of the product, specifically that the SSD 980 PRO has been reduced by half the durability of the SSD 970 PRO.

3. Sabrent Rocket Q 8TB - SSD has the largest capacity in the world



The difference between SSD and HDD is that it is difficult for manufacturers to increase the quantity of products because they will affect the design and many different reasons. However, Sabrent has succeeded in building Rocket Q SSDs with capacities up to 8TB and they are currently the largest PCIe SSD in the world at the moment. However, to own Sabrent Rocket Q 8TB, users will need to spend about 40 million VND.

4. SSD Greenliant EnduroSLC - SSD 'immortal'



For those who frequently move data in an SSD, the most important thing for them is the durability of the SSD. As we all know, SSD has a certain lifespan and they depend on the process of writing data to the memory chips. To solve the problem of durability concern, Greenliant released the EnduroSLC SSD which uses SLC memory chip with high durability. According to the manufacturer, the EnduroSLC SSD has a DWPD (Drive Writes Per Day) rating of 30 in 5 years. With such DWPD index, the user can freely write / delete data to the SSD without worrying about errors.

5. SSD T-Force Cardea C440 Ceramic - SSD leads the way in design



T-Force is known as the most creative producer in Taiwan and the things they design always leave a big impression. For SSD Cardea C440 Ceramic, manufacturer T-Force has used Ceramic material for heat dissipation. If you look at the other manufacturers, who are still struggling with aluminum and copper heatsinks, T-Force is one step ahead. Ceramic ceramics are known to be a premium material and they often appear in supercars, the heat dissipation efficiency of ceramic is undisputed. With a ceramic heatsink, the T-Force Cardea C440 achieves read / write speeds of 5000MB / s and 4400MB / s, respectively, especially that they're still very cool.

6. Intel Optane SSD 905P - Best Performance Enhancement SSD



Intel Optane is a completely different SSD product line compared to other SSDs on the market, if you use Intel CPU platform, Optane will accelerate the read / write speed of the remaining hard drives and they are A handy assistant for those who use multiple HDDs to store data. In general, the Intel Optane SSD 905P will be both a data storage device and a product that improves the read and write performance of the remaining drives on the computer.

7. Patriot Viper VPR100 - The best M.2 RGB SSD



One thing that is quite interesting is that users really like RGB LED systems on their computers, but few people know that RGB LED systems will directly affect the performance of the product. So manufacturers will consider bringing RGB LEDs to SSD, Patriot is one of the manufacturers who dare to do. SSD Viper VPR100 products not only have impressive read / write performance but they also have stunning RGB LED system. Patriot Viper VPR100 SSD random read / write speeds are 3300MB / s and 2900MB / s, respectively.

8. Samsung 860 EVO - SSD is good for general users



For general users, they only require stable SSDs and relative read and write speeds to serve daily tasks. In the SSD storage market, Samsung has done just fine with the Samsung 860 Evo lineup. Samsung 860 Evo series has large storage capacity, fast storage speed and especially the price is completely reasonable for all groups of users.

9. Crucial MX500 - SSD is good for general users



Similar to Samsung, Crucial also has a mission to popularize high-performance SSDs for users and the Crucial MX500 series is highly appreciated in the market. Crucial has a balance between performance and cost to help users easily access and get the best experience. Crucial MX500 products use 3D Nand memory chip and they have read / write speeds of 560MB / s and 510MB / s respectively.

10. SK Hynix Gold P31- The best SSD for laptops



SK Hynix is also known as a memory chip manufacturer like Samsung and is just starting to enter the commercial market. SSD SK Hynix Gold P31 is highly appreciated in the market thanks to its impressive read and write speed and attractive price. Since its launch, SK Hynix Gold P31 has become the first SSD in the world to use a 128-Layer NAND memory chip with random read / write speeds up to 3500MB / s and 3200MB / s, respectively.

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