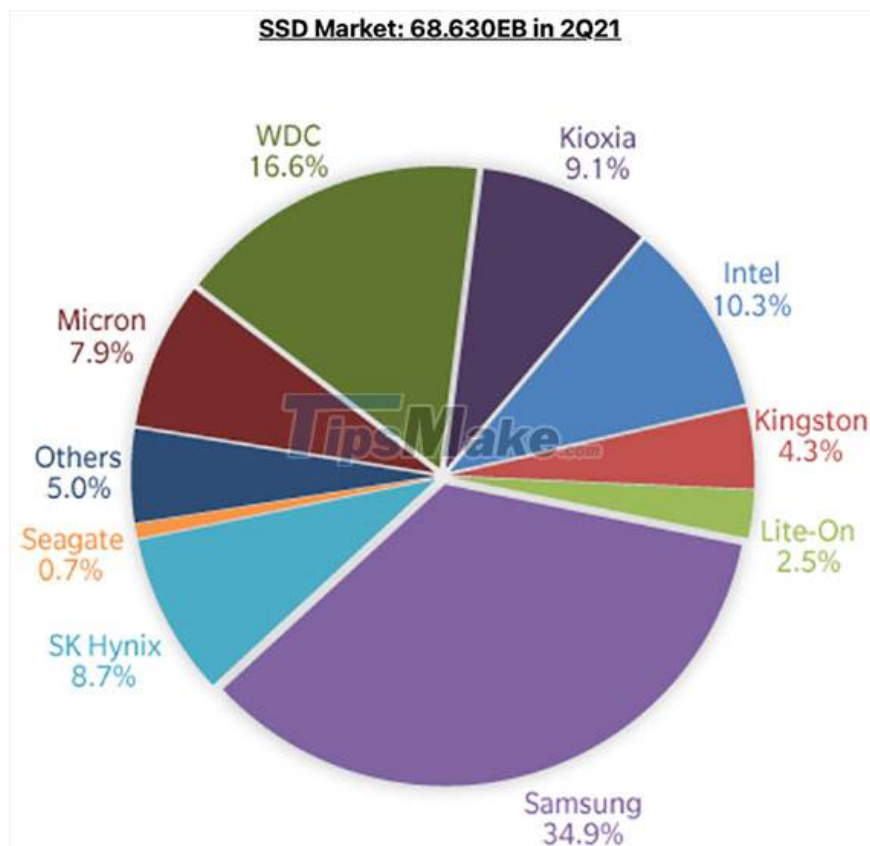


SSD and HDD, which is the more popular hard drive on the market?

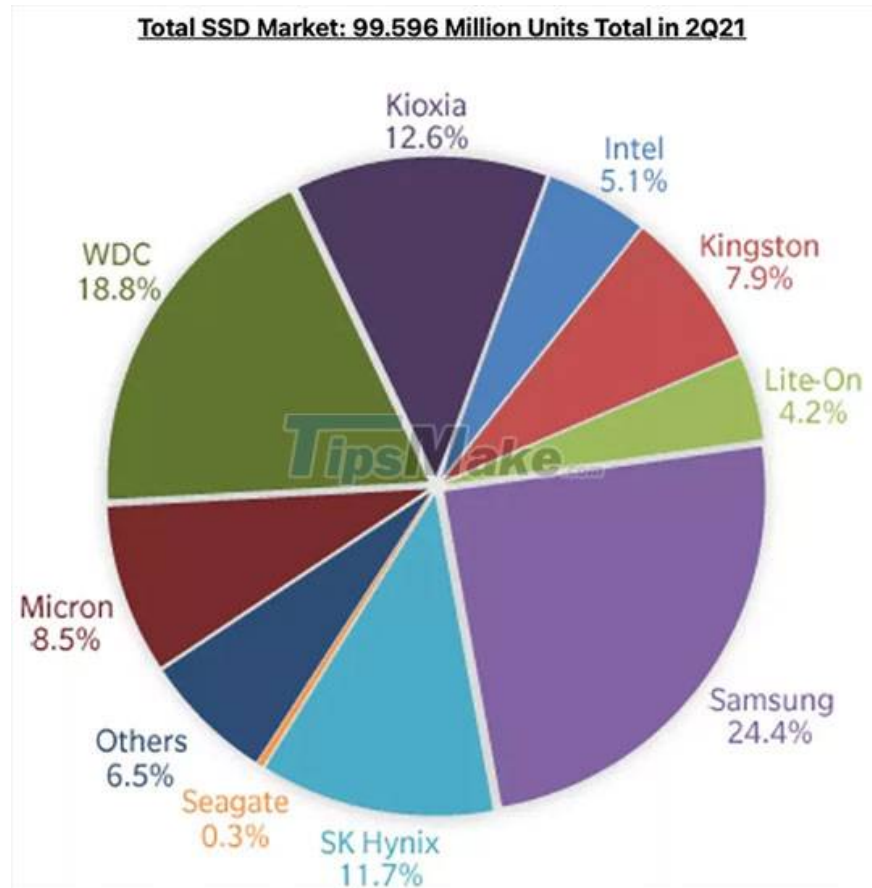
Driven by performance advantages, SSDs continue to dominate sales in the global hard drive market, with sales increasing from over 99.4 million units in the first quarter of 2021, to 99.6 units in the second quarter, outperforming HDD's more than 67 million units.

This shows that the HDD era seems to be coming to an end. SSDs are now commonly used in nearly every area of the computer industry, from gaming, consumer to enterprise. All want to take advantage of the performance that this type of storage has to offer. Despite the fact that HDD is cheaper, as well as has the ability to provide storage space / better price.

Notably, Samsung continues to affirm its No. 1 position in the SSD business in the first 6 months of 2021, with a market share of 34.9% of the global SSD market, and 24.9% of total orders. SSD holding position. Western Digital is in second place with a total market share of 18.8% and Kioxia ((Toshiba) follows with a 12.6% market share. Besides SSD segment, Samsung is also a leader in memory solutions. current global NAND flash.



In terms of storage capacity, over 68 exabytes of SSD capacity shipped in Q2. Samsung still leads the market with 24.4% market share, followed by Western Digital with 18.8% and Kioxia (Toshiba) with 12.6%. However, this is significantly smaller than the 351 exabytes of HDD capacity sold globally in the last quarter.



M.2 SSD models are generally cheaper to manufacture as well as cost-effective than DFF (drive form-factor) models, such as 2.5-inch SSDs. In addition, due to its practically compact size, the M.2 SSD is also more suitable for use in devices such as laptops and even next-generation game console platforms, such as the PlayStation 5 system. by Sony.

However, SSD DFF has the advantage in the ability to store larger data than SSD M.2. On average the 512GB options are usually the lowest you can find for your storage needs for a DFF SSD. That is also why DFF SSD is a more popular choice for those who want to upgrade the storage capacity and transfer speed on the system, especially from the HDD.

Sales of SAS SSDs have basically not increased much due to the lack of new breakthroughs and improvements in technology in 2021. This is surprising given that PCIe/NVMe and SATA drives have significantly smaller capacities than SaS. SSDs. However, it should be noted that SaS SSDs are much more affordable than PCIe/NVMe and SATA drives due to the impressive premiums that companies like Western Digital offer.

To sum up, the global hard drive market in the second quarter of 2021 continues to witness a superiority in the number of units sold of SSDs over HDDs. However, HDD has the advantage in total factory storage capacity.

You finished reading the article "**SSD and HDD, which is the more popular hard drive on the market?**" 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.

