

# 7 reasons to upgrade to an SSD

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No matter which device you use, the hard drive is also indispensable. That's where all the data is - from music to software - without it, the item you use is just a brick.

Although it is true that the appearance of the cloud has changed the way we store data, but cloud storage still has its own minus points. For example, space is limited (and you have to pay more to get more), data is easily stolen by hackers and if you do not have a network, it is not accessible. So direct storage on the device is still a necessity.

Previously, HDD (Hard Disk Drive) was often used. The mechanical arm inside the HDD can track the overlapping disc layers, read and write data magnetically.

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Now there is a new type of HDD, which is an SSD (Solid State Drive). SSD does not have moving parts like rotating disk in HDD but storing data on flash chips. If you need to upgrade, SSDs offer more advantages than traditional HDD drives. Here are some strengths of SSD for your reference.

## **SSD cooler**

Since there are no moving parts, SSD does not generate as much heat as HDD. This is very important if you often work on multiple software at the same time or live in a place with a high ambient temperature, as it often causes the hard drive to become hot.

## **SSD reduces noise**

Because there is no moving part, there will be no sound from the computer or the drive. Perhaps you will hear the fan, but it will not be too frequent, because of reason # 1.

## **SSD longer life**

According to one report, 4 to 10% of 4-year SSDs must be replaced once, but 2 to 9% of HDDs must be replaced every year. This means that SSDs are a more reliable option to store photos or other digital data.

## **SSD faster**

The write speed of SSD can be up to 3,200 MB / s while the HDD can only record up to about 160 to 250 MB / s. For most people, the read / write speed is not an important issue, but if you do heavy things like editing videos or composing music, the HDD might not be able to load, but must choose SSD.

## **More durable SSD**

Without moving parts means it will be harder to break. Also SSD is lighter.

## **SSD is not affected by magnetism**

HDD uses magnetic to store data so if placed in a strong magnetic field, the data may be damaged. It's not a big deal for most people, but choose an SSD if you have a high level of magnetism.

## **SSD is less expensive**

HDD needs power to dial the disc but SSD only has internal circuit boards. As a result, SSD does not need as much power as HDD. Although it doesn't save much money because of this, it also makes SSD a more environmentally friendly option, especially when multiplying with the amount of data stored.

Although it is the best storage technology today, SSD is not perfect. For safety, remember to back up your data in multiple places.

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