

What is hard drive fragmentation? How to effectively prevent it?

Hard drive fragmentation is probably a familiar phenomenon to computer users. However, not everyone truly understands what hard drive fragmentation is and how to effectively prevent it. Please refer to the content below for more details.

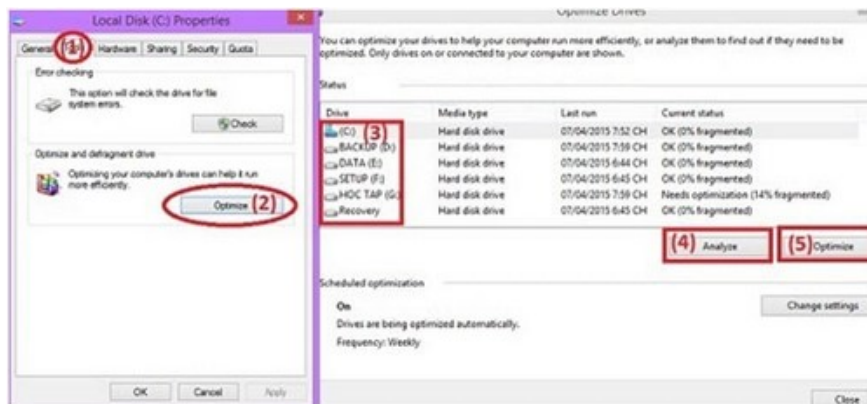
To fully understand what hard drive fragmentation is, you need knowledge of data sharing and the structure of hard drives. However, this knowledge is quite lengthy and complex, so you can understand it simply as hard drive fragmentation being the phenomenon of data being scattered out of order. Therefore, your task is to distribute the data in the correct order across the disk surface.

For example:

Hard drive fragmentation will affect data access speed, leading to sluggish performance. Currently, there are many excellent tools and software to prevent hard drive fragmentation. To save costs, you can use some of the free software introduced below:

Disk Defragmenter

Disk Defragmenter is a built-in Windows tool that effectively defragments hard drives. Additionally, the program allows you to schedule and time automatic defragmentation.



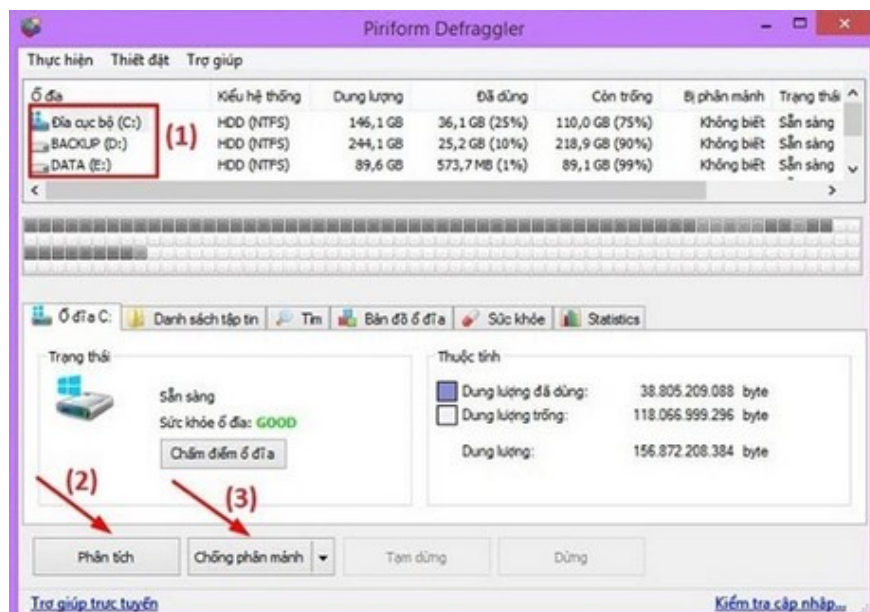
If you're unfamiliar with Disk Defragmenter, please refer to the guide on defragmenting your hard drive using Disk Defragmenter for more details.

Defraggler

Defraggler is an extremely effective and completely free hard drive defragmentation software provided by Piriform (the company behind the renowned CCleaner software). This software is also very easy to use and,

moreover, it supports the Vietnamese language, so anyone can use it.

Defragmenting your hard drive with Defraggler is quite simple; first, select **the hard drive partition > Analyze > Defragment** .



So, TipsMake has just introduced you to hard drive fragmentation and how to prevent it. Our advice is to use defragmentation software regularly, or even better, schedule it to run automatically. Additionally, please refer to Defragmenting your hard drive in Windows 7 for more details.

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