

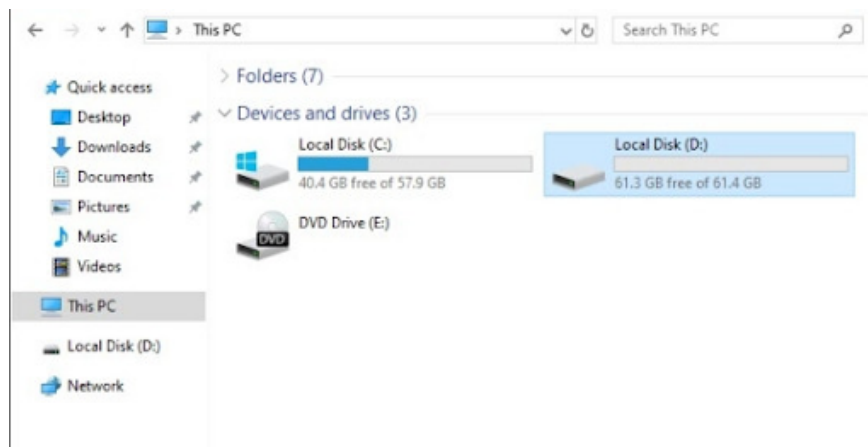
How to partition hard drive without losing data on Windows 10, 11 simply

Repartitioning your hard drive is an important operation when you need to manage your storage space more effectively. How to partition your hard drive effectively without affecting data or avoiding file loss

You want to create different folders to organize documents neatly and more easily, but you don't know how to divide the hard drive. So how to divide the hard drive effectively without affecting data or avoiding file loss? Let *TipsMake* guide you how to divide the hard drive without losing data on Windows 10, 11 simply below!

When do you need to repartition your hard drive?

Repartitioning your hard drive is an important step when you need to manage your storage space more efficiently. Here are some common situations when you need to repartition your hard drive:



When do you need to repartition your hard drive?

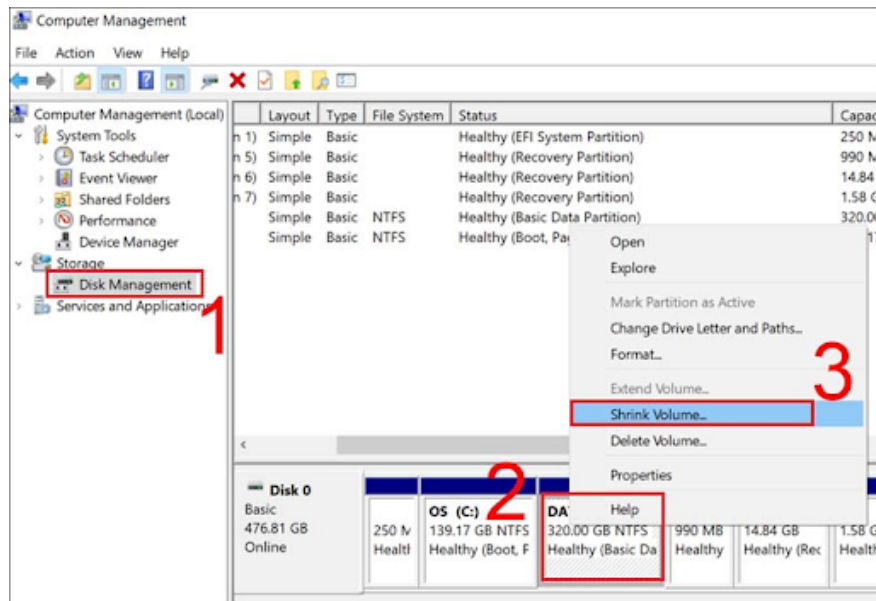
1. Installing a new operating system: When you want to install a new operating system without losing existing data.
2. Optimize storage space: When your hard drive is fragmented or storage space is not being used efficiently.
3. Create separate partition for personal data: To protect personal data from system errors or viruses.
4. Installing multiple operating systems: When you want to run multiple operating systems on the same computer.

How to partition hard drive without losing data for Windows 10, 11

To partition your hard drive, you can apply the following methods:

Repartition hard drive in Disk Management tool

Disk Management is a built-in tool in Windows, which helps you manage hard drive partitions easily. To do this, follow these steps:



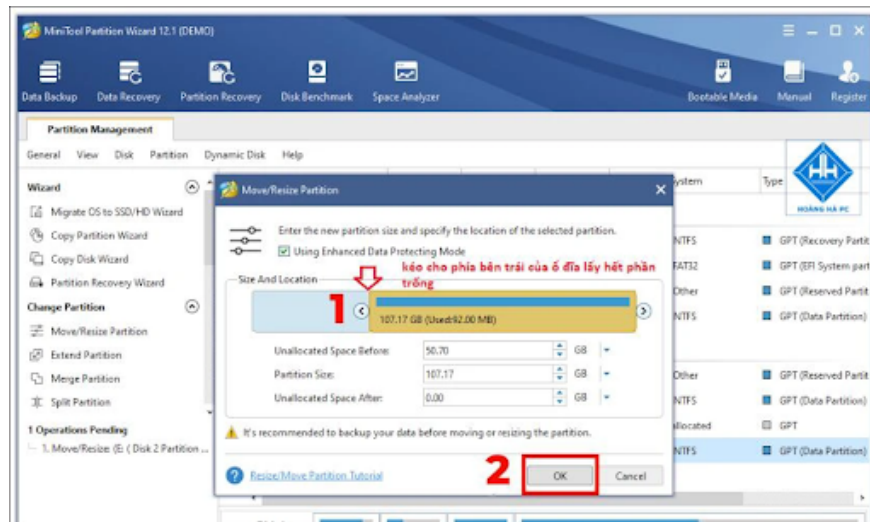
Repartition hard drive in Disk Management tool

1. Step 1: Select the key combination Windows + X -> Disk Management.
2. Step 2: Right-click on the hard drive you want to split -> Shrink Volume.
3. Step 3: Enter the amount of space you want to separate from your current hard drive and press Shrink
4. Step 4: Right-click on the unpartitioned space -> New Simple Volume -> Next -> Continue Next in the next dialog box
5. Step 5: Select Assign the Following drive letter -> Next.
6. Step 6: Select drive format type -> name the format -> Next.
7. Step 7: Check the information again and click Finish to finish.

Repartition hard drive with Minitool Partition Wizard software

Minitool Partition Wizard is a powerful software that helps you manage hard drive partitions easily and safely. To repartition a hard drive with this software, follow these steps:

1. Step 1: Visit the website partitionwizard.com then download the software to your computer and install it.
2. Step 2: Open the software and select the hard drive you want to split.
3. Step 3: A new window appears, drag the slider to change the partition size, adjust it small or large depending on your wishes -> OK to undo.
4. Step 4: Once the hard drives have been partitioned, select Apply to complete the operation.



Repartition hard drive with Minitool Partition Wizard software

Repartition hard drive using Command Prompt

Command Prompt is known as a method of partitioning hard drives through the use of commands.

1. Step 1: Press Windows + X key combination and select Command Prompt (Admin).
2. Step 2: Type diskpart and press Enter.
3. Step 3: Enter list disk to display the hard drives, then enter select disk X
4. Step 4: Enter create partition primary size=Y (where Y is the capacity you want to separate)
5. Step 5: Enter format fs=ntfs quick to format the new partition.

How to merge hard drives quickly

When you need to merge partitions or drives into one to take advantage of the entire storage space, you can use the partition merging feature of disk management software or use the Disk Management tool as mentioned above.

To merge hard drives quickly:

1. Reuse tools like Minitool Partition Wizard, Disk Management to select the partitions to merge and perform the "Merge Partition" feature.
2. You need to make sure to back up important data before performing this operation to avoid unwanted data loss.

Repartitioning and merging hard drives are important operations that help you manage data storage effectively on Windows 10 and 11 operating systems. By applying the above methods, you can flexibly adjust storage space according to your usage needs without worrying about losing important data.

You finished reading the article "**How to partition hard drive without losing data on Windows 10, 11 simply**" 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.