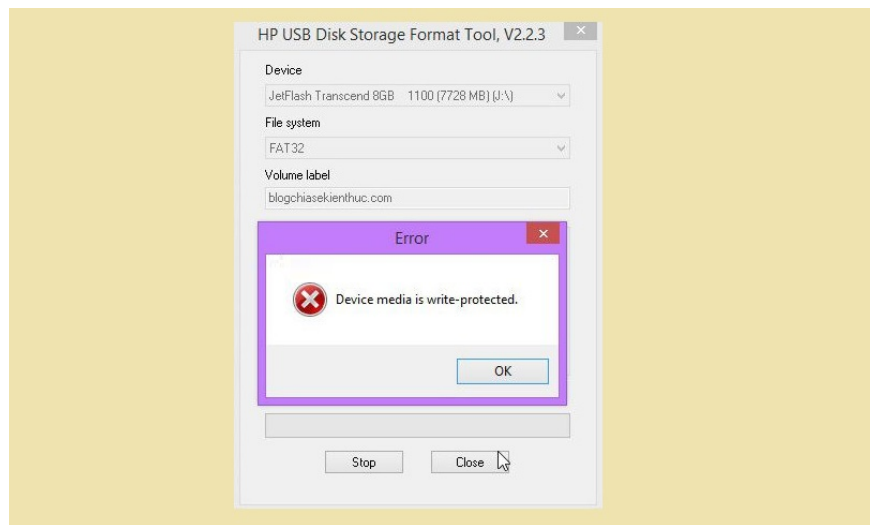


How to fix Device media is write-protected when Format USB

Instructions to successfully fix the error 'Device media is write protected' when Format USB. Fixed USB error for Format, not copying, editing and deleting data

Have you ever received the error message "Device media is write-protected" when Format USB? When encountering this error, your USB will become completely "in contact", you will not be able to copy, copy data back and forth between the USB and the computer. You will be very worried when in this case, if it is completely broken, then if you do not say anything, you can still see the content in the usb but you cannot do anything.

I have used enough methods such as Format USB in Disk Management, edited Regedit and even used specialized software to Format USB, HP USB Disk Storage Format Tool, but still did not lose.



Struggling for a while at last I successfully fixed this error and Format delicious peach branches. And it is unbelievable the way to do it could not be simpler.

That is why in this article, I will share that trick to help those who are experiencing this error can fix and repair.

I. What needs to be prepared?

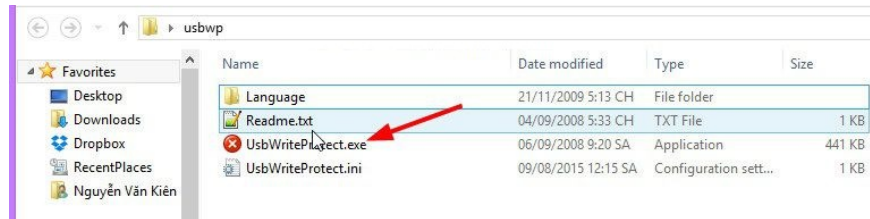
1. USB Write Protect software, you can download [here](#) ([Link Mediafire](#)) / [link backup](#) / [Link new version](#)
2. The USB connection is having a Write-protected error to the computer.

II. How to fix Device media is write-protected error?

Method 1: Use USB Write Protect software

Note: Please use the old USB Write Protect software (the first link) first, because I used this old version and was successful, and the new version I have not had the opportunity to test.

+ Step 1: After downloading, extract and run UsbWriteProtect.exe under administrator (Run as administrator).

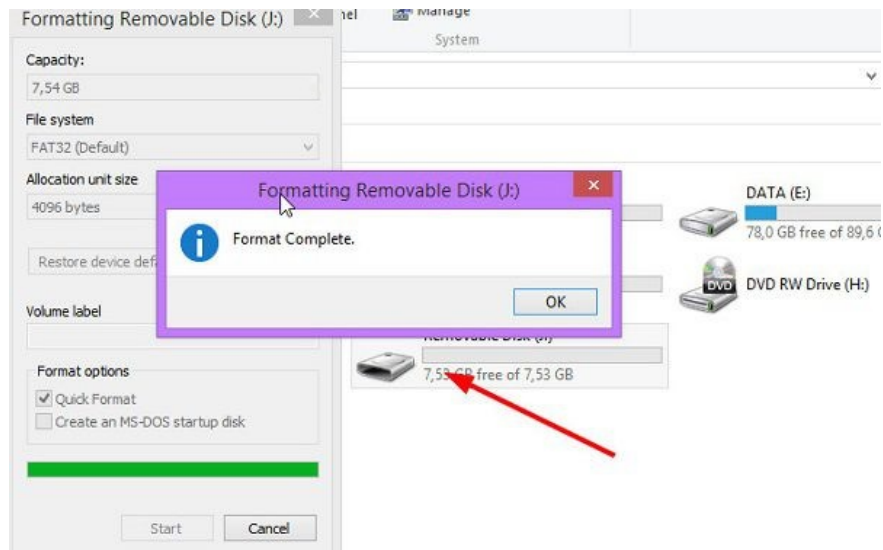


+ Step 2: The program is Portable so it can be used without requiring you to install anything more. The main interface of USB Write Protect will look like this:

Implementation: You choose the English language for easy use => Next tick USB write protection OFF => click Close to turn off.



+ Step 3: Very simple like that, now go to My Computer to Format the USB in the usual way. The results were too surprising.



Minh successfully implemented this approach, but I have collected a few more ways for you to experiment.

Method 2: Format in Safemode mode

You perform the following steps in turn:

Insert the USB need to fix the error "Device media is write-protected" into the computer.

Turn off the computer then restart or reset the computer and press F8 to enter Safemode mode.

When the Advanced Boot Options screen appears, choose Safe Mode with Command Prompt to use the cmd command prompt.

Wait for a while for the file loading process to finish then enter the letter of your USB drive. (Please go to My Computer to see which drive your USB is in and what the letter is). For example, your USB is in drive K, you enter the command `C: windowssystem32> K:` and press Enter to execute.

Continue typing `K:> format K:` and press Enter. If the program asks (Y / N), please enter Y to agree.

The purpose of this approach is for the system to re-format your USB with full features, including "Remove write protection" from the USB.

Accomplished!

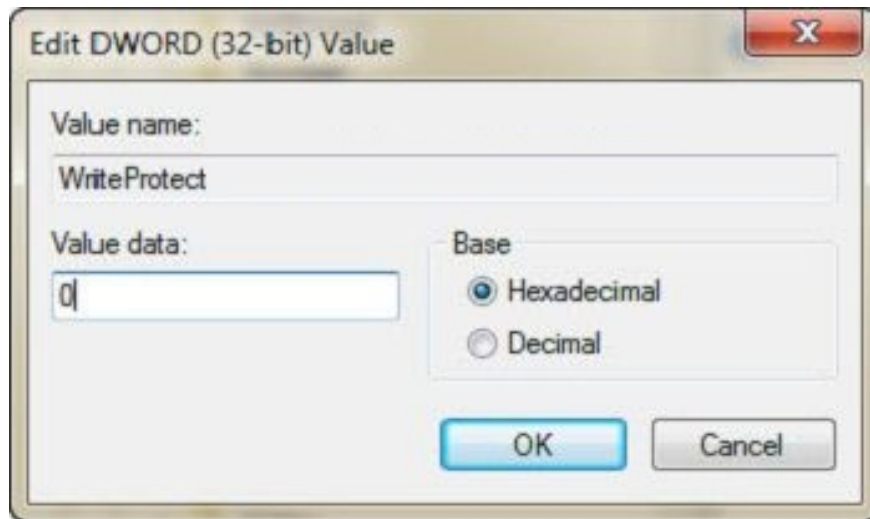
Method 3: Change Regedit

+ Step 1: Open the Run dialog box (Windows + R) => enter the command `regedit` => and press Enter.

+ Step 2: Next, please access the following path:

`HKEY_LOCAL_MACHINESYSTEMCurrentControlSetControlStorageDevicePolicies`

+ Step 3: Look in the right pane and find the Dword value `WriteProtect` and double-click on it and change the Value data value to 0.



OK, now reset the computer and try Format the computer again to see if it is okay.

Method 4: Format in Diskpart

Open the Run dialog box, if it is Windows 8 or higher, press the Windows + X key combination to run cmd as administrator or click the Start button => enter cmd.exe => right-click and select Run as administrator.

+ Step 1: Enter the command diskpart into the interface CMD => and press Enter => at this time the diskpart interface window will appear.

+ Step 2: Enter the command list disk => press Enter to list the hard drives available on the computer.

As shown below, I am connecting 2 hard drives that are a computer hard drive with a capacity of 931 GB (denoted by Disk 0) and 1 8GB USB (denoted by Disk 1).

+ Step 3: Enter the command select disk 1 and press Enter, that is, select the USB drive (you must be very careful in this step, enter the wrong hard drive to lose all data)

+ Step 4: Enter the command clean => and press Enter.

```
Microsoft DiskPart version 6.3.9600
Copyright (C) 1999-2013 Microsoft Corporation.
On computer: PC-RIEN-NGUYEN

DISKPART> list disk

   Disk ###  Status         Size           Free           Dyn  Gpt
   -----  -
   Disk 0    Online         931 GB         1024 KB        *
   Disk 1    Online         7728 MB         0 B

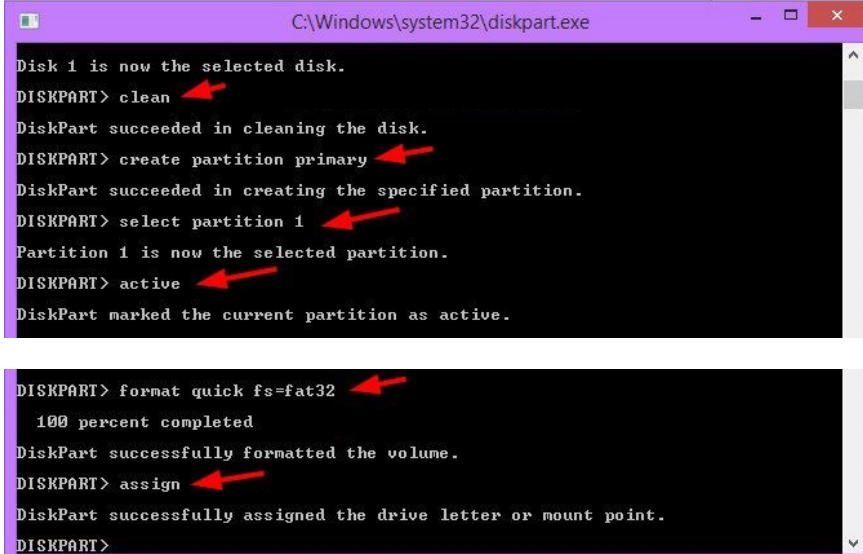
DISKPART> select disk 1
Disk 1 is now the selected disk.

DISKPART> clean
DiskPart succeeded in cleaning the disk.

DISKPART>
```

+ Step 5: Enter the command create partition primary => press Enter.

- + Step 6: Enter the command select partition 1 and press Enter
- + Step 7: Type active => press Enter.
- + Step 8: Enter the command format quick fs = fat32 => press Enter.
- + Step 9: Finally, enter the assign command to finish.



```
C:\Windows\system32\diskpart.exe
Disk 1 is now the selected disk.
DISKPART> clean
DiskPart succeeded in cleaning the disk.
DISKPART> create partition primary
DiskPart succeeded in creating the specified partition.
DISKPART> select partition 1
Partition 1 is now the selected partition.
DISKPART> active
DiskPart marked the current partition as active.

DISKPART> format quick fs=fat32
100 percent completed
DiskPart successfully formatted the volume.
DISKPART> assign
DiskPart successfully assigned the drive letter or mount point.
DISKPART>
```

- + Step 10: Go to Computer to see if your USB has been formatted.

III. Conclude

Above are 4 ways to help you fix *Device media is write-protected error* when the USB Format fails, as well as the error of not copying and deleting data on USB.

I guarantee that if the USB is only due to a software error, it can be done 100% successfully. If the case is caused by a hardware failure, then give up. If doing all 4 methods above but fails, then it is difficult to have any other chance for your usb. Hopefully this article will be useful for you. Good luck!

You finished reading the article "**How to fix Device media is write-protected when Format USB**" 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.