Continue

Readers help support Windows Report. We may get a commission if you buy through our links. Read our disclosure page to find out how can you help Windows Report sustain the editorial team. Read more Key notes In case you notice that there is not enough disk space on Steam, keep in mind that youll probably need to clear the apps download cache.We suggest trying to repair your Steam library files and verify the integrity of games files.Even if it is not always recommended, youll probably need to partially delete certain downloaded files. Steam is one of the most popular digital distribution platforms in the world. One of the most common issues users have reported is the Not enough disk space error. It often appears when trying to download a game, even though there was plenty of space on the computer. Fortunately, there are a lot of solutions to this problem, and today we will go through them. From user experience, we have observed that a few elements may trigger this problem. On top of the list are the following: A full or almost full disk This annoying issue will probably appear when your hard drive is almost full or already full. In these terms, you wont be able to save or properly use large files on this drive. You might consider getting additional storage. Problems with the cache There are chances that the cache is full or corrupted.Partial game download Some errors may have led to the partial game file download making any new attempt at downloading the file trigger this error message.Corrupted game files If the downloaded files are corrupted, it may trigger this error. Note that software like CCleaner is great for cleaning download residue. It analyzes your PC and recommends quick fixes, then automatically tunes and updates it, so it starts and runs faster and is more secure. Plus, keep in mind that outdated apps are a security risk. Old systems and devices can have vulnerabilities, which can be discovered and shared amongst cybercriminals, but CCleaner updates your software automatically to close security holes before they can be found. Before trying any of the solutions recommended in this guide: We recommend a system reboot. A restart can reboot certain processes and fix simple computer issues. Right-click on the Steam icon on your desktop, then navigate to Properties.Click on the Compatibility tab, then check the Run this program as an administrator box.Select the Apply button, then theOK button. Press on the Windows key, type Steam, then navigate to the first result.From the top-left window corner, click on Steam.Now, go to Settings.In the left panel, choose Downloads.Look at the bottom of the window, then click on the Clear Download Cache button.Restart Steam, log in with your credentials, and start the game download. Its possible that some of the files that the apps cache are incomplete, corrupted, or take too much memory, so if there is not enough disk space on Steam, the best solution is to clear the cache. Also, if you have slow download speeds on Steam, you can easily fix the problem by following our dedicated guide. Hit the Windows key, type Steam, then open the app.From the top-left corner of the window, select Steam.Now, navigate to Settings.From the left panel, choose Downloads.In the Content Libraries section, click on Steam Library Folders.A new Steam Library Folders window should appear. Right-click on the Steam Registry C:Program Files (x86) Steam and select Repair Library Folder.Once the process is finished, restart Steam, log in with your credentials and start the game download again. Read more about this topic Hit the Windows key, type Steam, then navigate to the first result.In the main menu, go to Library.Find the game thats of interest to you, right-click it, and choose Properties.Select the Local files tab.Now, click on Verify Integrity of Game Files.Restart Steam, log inwith your credentials, and continue the game download. The Steam Library is where all your games are, and sometimes its not configured correctly. Additionally, you can verify the integrity of the game files: Use the following keyboard shortcut: Ctrl + Alt + Delete.Navigate to Task Manager.Find all the Steam services that are running and click on End task for each of them.Go to your Steam directory following the path below:C:Program Files (x86)SteamGo to the Steamapps folder and then downloading folder, then locate and delete the folder causing the problems. You can identify it by the application ID.Restart your PC, log in to Steam with your credentials and continue the game download. If the download was interrupted by an error, the files are incomplete, thus creating a Steam conflict. To fix this, follow the above steps. If you cant delete the folder, you might have made it read-only. To fix it, do the following: Press the Windows key, type cmd, right-click on the result, then choose to Run as an administrator.In the cmd window, type the following scripts followed by Enter after each one. cd c:/program files (x86)/Steamattrib -r /S *.*This should make your folder R/W again, and you should be able to delete it. If you do not have enough disk space on Steam, the fastest way to solve the issue is to clear the Steam download cache. In most cases, incomplete or corrupted files are triggering the error. If that doesnt work, repair your Steam library files and delete the partially downloaded game. We hope that one of these solutions solved your problem. If you have any more questions or know other ways to solve the disk space issue on Steam, reach for the comments section below, and well be sure to check it out. Can't download or update your Steam game even though you have enough disk space? These solutions will help you fix the not enough free disk space error in Steam. What Is the Steam Not Enough Free Disk Space Error? Steam is the main gaming client of nearly every PC gamer, yet it still encounters occasional problems despite the frequent updates. One frustrating issue happens when you're trying to update a game: You have adequate disk space, but Steam cancels the download and returns the NOT ENOUGH FREE DISK SPACE error. This error can result from various hazards on Steam's path to update the game, from a broken download to insufficient writing access. Read on for several solutions you can try in order to resolve this error. You probably hear this solution for nearly every problem, but that doesn't make it any less viable. Steam's error might be because of an update that it hasn't applied properly, or a third-party program that's blocking Steam's access to the game library. One method to take care of these loose ends and give everything a fresh start is to restart your computer. Restart your computer and then check again to see if this resolves the problem. If it persists, move on to the next solutions below. When Steam is downloading files, they're temporarily stored in a folder called downloading. It's possible that, because of various reasons, the downloaded files are corrupt and Steam can't decide where to resume the download. Deleting the downloading folder will make Steam start the download over and do it properly. Exit Steam and all related services. You can do this with the Task Manager. Go to your Steam library folder. If you haven't specified a custom location, this will probably be at (unless you directed those save elsewhere): C:\Program Files (x86)\Steam\steamapps Once inside the library folder, go inside the downloading folder. In the downloading folder, you'll see folders containing temporary game files. We identify these folders by IDs. Select the folder related to your game and delete it. Restart your computer and run Steam. You can identify the folders in the downloading folder by looking up the ID on the SteamDB website. It is also a possibility your Steam client's download cache has gotten tangled and is causing problems with the download. The download cache keeps track of all the downloads until they're installed, and if there are corrupt files in the cache, it can keep the downloads from starting. You can fix this by clearing the download cache. Launch Steam. In the client, click the Steam menu on the top left and then select Settings. This will open the Settings window. In the Settings window, click the Downloads tab. Click Clear Download Cache. In the pop-up, click OK to confirm. Steam will now clear its download cache. Sometimes, the problem is within Steam's permissions to assess your hard disk. If your Windows account isn't an administrator or if your Steam library is in a location that Steam can't access, Steam won't be able to assess the disk to see how much space remains, and will return an error. This might be the case with your Steam client as well, and you can go around it by running Steam as administrator. Exit previous instances of Steam. You can use the Task Manager to be certain you've killed all Steam processes. In the Windows Search bar, search Steam. Right-click on Steam and then select Run as administrator. In the pop-up window asking for confirmation, click Yes. Steam will now run as administrator. Check and see if you have resolved your issue. Your Steam library is where the platform stores your games and apps. The files regarding the library and its structure can get corrupted and the corruption can cause Steam to get confused when downloading files. Thankfully, Steam has implemented a feature that lets you repair your Steam libraries. Launch Steam. In the client, click the Steam menu on the top left and then select Settings. This will open the Settings window. In the Settings window, navigate to the Downloads tab. Under Content Libraries, click Steam Library Folders. You can now see a list of your libraries and their details. Right-click on your library and select Repair Library Folder. A new window will open and the repair process will begin. This might take some time, depending on your library size, but once the window closes the repair is complete. Check if you have resolved your issue. Games comprise lots of files and if even a single file gets corrupted, it can lead to problems. Game file corruptions rarely lead to Steam saying it doesn't have enough disk space, but there's a still chance that it can cause this problem. Verifying the integrity of your game files is easy, and definitely worth a shot. Launch Steam. Right-click the game you want to verify. From the menu, select Properties. In the Properties window, navigate to the Local Files tab. Click on Verify integrity of game files. Steam will now verify the game files. This will take a while, especially if your game is large or if your hard disk is slow. If none of the solutions above worked for you, the solution to the NOT ENOUGH FREE DISK SPACE error could simply be to free up space. This is because many Steam users learn the hard way that most Steam games require free space equal to the original game's size to update. This means that if you have a 2GB update for a 70GB game, Steam will need 70GB of free space and anything below that will return an error saying that there isn't enough free disk space. Games like Rocket League, Apex Legends, Path of Exile, and many others receive their updates in this manner. Steam allocates the entire game's size on the disk for even the smallest updates because it creates a temporary copy of the original game files in the downloading folder, applies the updates, and then deletes the temporary files. This method has received many complaints from users and gamers, but to this day, there is no remedy for it. Download errors can be a real bummer, especially when you're all excited to play the game as soon as possible. With these solutions, you're likely to fix the not enough free disk space error in Steam. Now that you know how to start your downloads, downloading them faster is another thing you should learn. Usually, getting the Not Enough Disk Space error means that youre running out of space on your primary game drive. But if youre getting this error despite having sufficient available space, then you either have a problematic game library folder or a game drive. Regardless of the type of errors that youre facing, Ive listed multiple fixes that will help you troubleshoot this issue while clearing out some storage space for your games. If you dont have enough space on your drive to update or download new games, you can simply move some of your games to another drive to free up some storage space. Launch the Steam app. Click on Steam on the menu bar and select Settings. Switch to the Storage tab. Tick the checkbox beside a game and click the Move button. Select a drive with sufficient storage space and hit Move. Repeat the process until you have enough storage space on your main drive. Try updating or redownloading games after moving them. Games updates are often compressed in order to reduce their overall size. But downloading these update packages will unpack them to their original size, taking up more storage space than youd expect. Windows Storage Drives So before you update your games, make sure you free up atleast 20% more storage space than the update size. If you have multiple storage drives installed on your system, ensure that youve set the correct game drive as default in Steam. Steam tends to change your primary game drive automatically if youve run out of storage space on your primary drive. Here, it can also pick the drive with less storage space and will continue to use it even after freeing up storage in your primary game drive. If this is your case, then youll need to change the proper game drive from the settings manually. Click on Steam on the client apps menu bar and select Settings. Open the Storage tab. Click the Storage dropdown menu and change the active drive. If youve yet to add a second drive, click on Add Drive. You can also make the second drive your default drive by clicking the ellipsis icon and selecting the Make Default option. Note: If youre using an external storage drive to store your Steam games, make sure to connect it properly before updating or downloading a game. If your external drive is disconnected, then Steam will try to download the game in a nonexistent drive, thus throwing the not enough disk space error. Steam stores temporary files and residual files of broken/incomplete games in the downloading folder. Over time, these files can add up and accumulate a good chunk of your storage space. So, make sure to clear the useless partial files inside the downloading folder to free up some disk space. But before deleting the downloading folder, youll also need to close Steam by terminating the Steam.exe process in the Task Manager. Open Steam settings and switch to the Storage tab. Click the ellipsis icon beside your main drive and hit the Browse folder. You can also access this folder location by navigating to C:\Program Files (x86)\Steam\steamapps Now, delete the Downloading folder. While I was troubleshooting this issue, Windows wouldnt allow me to delete the downloading folder as the folder permission was set to Read-only. Later, I was able to delete the downloading folder permanently only after setting the permission to Read and Write. If youre facing a similar issue, heres how you can quickly change the folder permission. Press the Windows + R shortcut keys to open the Run command. Type in CMD and press Ctrl + Shift + Enter to run it as administrator. Change your active working directory to Steams directory by entering the following command.cd C:/Program files (x86)/Steam Type in attrib -r /S *.* and press Enter to execute the command. This will change the permission of all the folders inside the Steam directory to Read and Writable. After that, you can proceed to delete the downloadable folder. Steam stores all game files inside the Steamapps folder. Any corruption or glitches in this folder can result in multiple errors, including the disk space running out. You can let Steam check for errors in the game library folder and repair them automatically by running the Repair Library function. Launch the Steam app and open Settings. Click on the Storage tab. Click the ellipsis icon beside your main game drive and hit Repair Library. Select Yes on the User Account Control prompt to start repairing. Having problematic download cache files can result in repeatedly failing to update or download games in Steam. So clear out your cache files and try re-downloading the update files. Open Steam settings. Click on the Downloads tab and hit the Clear Cache button. Often, the issue of not having enough disk space could relate to a bug in the Steam client application. For such cases, you can update your application to the latest version or perform a complete re-installation of the application. Although the Steam application updates itself automatically, you can still check for the update manually by clicking on Steam on the menu bar and selecting Check for Steam Client Updates. Checking for Steam updates If updating the application doesnt resolve the issue, try re-installing the application via the steps below: Open the Run command and enter appwiz.cpl to open the Programs and Features window. Right-click on Steam and hit Uninstall to remove the application. Head to Steams official webpage and click the Install Steam button on the top right corner. Download and run the executable file to install the fresh version of Steam. Despite the frequent updates, the Steam client is not immune to some bugs and glitches such as insufficient disk space. Once that occurs, you might fail to run the game or update it. In this post from MiniTool System Booster, we will discuss how to solve Steam not enough disk space with effective solutions and detailed instructions.Steam is one of the most popular platforms that offers thousands of games to players. Whilst the developer constantly rolls out some updates or patches to fix some known bugs and glitches, some errors like Steam not enough disk space still require a little manual work from the player side. Even when there is plenty of space on the hard drive, you are still likely to receive this error.Usually, this annoying issue comes down to the following factors:Insufficient disk space on the target drive.Faulty game files or library.Corrupted download cache.Errors on the hard drive.When encountering most errors on your computer, restarting it might be helpful. By doing so, some random system errors or software conflicts can be fixed. If this solution doesnt work for you, please move to the following solutions.If there is indeed less space on the hard drive, you can consider deleting some unnecessary files to free up disk space. Thats where MiniTool System Booster comes in. This powerful free PC cleaner is tailored to maximize the speed and performance of your computer.With it, you can remove junk files, uninstall unwanted programs, clean Windows registry, defragment a hard drive, and more on Windows 11/10/8/7. Now, free download this software to have a shot.MiniTool System Booster TrialClick to Download100%Clean & SafeStep 1. Launch MiniTool System Booster Trial Edition.Step 2. In the main interface, click on Performance Home to expand the drop-down menu and select Deepclean.Step 3. Tap on START CLEAN to perform 7 cleanup tasks. As the task names suggest, Internet Cleanup, Windows Cleanup, and Registry Cleanup can deeply tidy up your browser and system by deleting internet junk files, Windows junk files, and invalid registry entries.Tips: Also, you can uninstall some rarely used programs to release more disk space. To do so: go to the Toolbox page > select Advanced Uninstaller > hit UNINSTALL beside the program you want to remove.Steam download cache stores temporary files related to games. During the game download or update process, it might generate excessive data or there are corrupted files in the cache, resulting in not enough disk space in Steam. If this is the case, clearing the Steam download cache might work wonders. Heres how to do it:Step 1. Launch the Steam client and click on Steam in the top left corner to select Settings.Step 2. Go to the Downloads tab and then tap on CLEAR DOWNLOAD CACHE.Step 3. In the confirmation window, click on OK to confirm this operation. Once done, relaunch the game to see if Steam not enough disk space vanishes.Most of games in Steam usually consist of tens of GB, so its inevitable for some files to get corrupted. Luckily, you can verify the game file integrity and repair the corrupted ones in Steam. Heres how to do it:Step 1. Open the Steam app.Step 2. Right-click on the game you want to verify and select Properties from the context menu.Step 3. In the Installed Files section, click on Verify integrity of game files.Chances are that the files regarding your Steam Library might become corrupted and then the corruption might play havoc with the downloading or updating process, triggering Steam not enough free disk space. To repair the corrupted library, follow these steps:Step 1. Launch Steam and open Settings.Step 2. In the Downloads tab, click on Steam Library Folders to see a list of your libraries and their details.Step 3. Right-click on your library folder and select Repair Library Folder from the context menu.Bad sectors or other errors on your hard drive can also trigger Steam not enough disk space. In order to check and repair your hard drive, try to scan your computer with CHKDSK. Heres how to do it:Step 1. Press Win + E to open File Explorer.Step 2. Under This PC, find the disk where the Steam games are installed and right-click on it to choose Properties.Step 3. In the Tools section, hit the Check button under Error checking.Step 4. Click on Scan drive to start the process.When there is insufficient disk space in Steam, the most direct way is to extend the corresponding partition. To do so, MiniTool Partition Wizard is a top choice. This free partition manager can utilize the unallocated space or available space on other drives to expand the target partition. Heres the detailed tutorial:Step 1. Launch MiniTool Partition Wizard.MiniTool Partition Wizard FreeClick to Download100%Clean & SafeStep 2. Locate the partition where your games are installed and select Extend Partition from the left pane.Step 3. Expand the drop-down menu beside Take Free Space From and then choose a partition or an unallocated space. Next, drag the sliding handle to decide how much free disk space you want and hit OK to return to the main interface.Step 4. If you are sure to apply the changes, click on Apply in the lower left corner to start the process.Thats all you can do for Steam out of disk space on a Windows PC. On the one hand, disk errors or file corruption might mess up some processes when there is plenty of available space. On the other hand, if there is indeed insufficient disk space in Steam, you can run MiniTool System Booster to remove unnecessary files & programs or utilize MiniTool Partition Wizard to extend the target partition. Steam is one of the most promising gaming distribution platforms that is frequently being updated.Despite the bug-fixing updates, glitches are common in Steam.While trying to download a game, many of the users found Steam prompting not enough disk space even if there is enough disk space.If you are in the same boat, then here are the solutions to fix the problem easily.What To Do If Steam Says Not Enough Disk Space?Before moving on to the solutions, make sure that you have enough disk space available. If you do not have it, follow this guide to clear up some disk space.Now, perform the methods explained below when you do find not enough free disk space on Steam.1) Restart Your ComputerSteam updates itself on a regular basis.A fresh restart of Steam from scratch will implement all the updates.So, when Steam prompts you there is not enough disk space, restart your PC.After a fresh restart, if you see the same Steam message, delete if there is any downloading file.2) Delete The Downloading FileSometimes the Steam client may conflict with the file you are trying to install.It may happen that the game is partially downloaded due to the error.So, try to delete the downloaded file and run the game again.To do that, exit Steam. Navigate to your Steam installation directory.If you do not know the location, right-click on your Steam shortcut and click on the open file location.Open the Steamapps folder.Next, open the Downloading folder. Check if the file you were downloading is there. You can identify it with the application ID. Delete that folder.Next, restart your computer and open Steam again. Check if this could fix the issue; otherwise, run Steam as an administrator.3) Allow Administrative Privileges To SteamSometimes Steam may require administrative privileges to download certain game files.So, run Steam as an administrator and see if this can fix the problem.To do so, follow the steps given below:Right-click on the Steam Desktop shortcut and open its Properties.Go to the Compatibility tab and check the box for Run this program as administrator.Click on the Apply button followed by OK to save the changes made.If this does not solve the problem, clear the Steam download cache.4) Clear Steam CacheWhenever you download anything in Steam, it is stored in the Steam download cache.These downloaded files are stored there until they are installed.If some of these files are missing or get corrupted, then also you can get the error that Steam does not have enough disk space.So, clear the Steam download cache and check if this helps. Follow the steps to do so:Open Steam as an administrator.Click on the Steam tab and choose Settings.From Steam settings, open the Downloads tab.Click on Clear Download cache. Confirm by clicking on the OK button.Wait till the process is complete. Now close all the Steam-related processes from the task manager.To do that, right-click on the Windows start button and select Task Manager.Go to the Process tab and right-click on each Steam-related process.Select the End task option.Once terminated all the Steam-related tasks, restart Steam as an admin and check if the problem is solved. If not, then verify the Steam files.5) Verify The Game FilesMany of the Steam game files are large.During the downloading process, some of the data may get corrupted. As a result, you can see Steam does not have enough disk space error message.So, verify the game files to cross-check if there is any missing and corrupted game file and fix it.To do that, follow the steps given below:Open Steam and go to the game library. Please right-click on the particular game and expand its Properties.Then select Local Files and click on Verify the integrity of game files.Finish the process and check if the problem is solved the problem.6) Use Disk CleanupCheck if there is not enough disk space using disk cleanup.This way, you can free up some disk space quickly. To do so, follow the steps given below:Type disk cleanup in the Windows search bar and select the top option.Select the drive from where you want to clean all the junk files. Click on the OK button.Next, click on the Clean-up system files option, and the clean-up process will start.Wait till the scan completes. Once done, select the files you want to delete. Then click on OK.7) Disable FirewallA firewall can also interfere with Steam and cause such issues. So, if the above processes cannot fix the problem, disable Firewall.To do that, follow the steps given below:Type Windows Defender Firewall in the Search Menu and select the top option.Click on Turn Windows Defender Firewall on or off, as shown below.Click on the radio buttons for both Private and Public settings to Turn off Windows Defender Firewall (not recommended) option.If you are using any other antivirus program, then you should also disable that for the time being.But make sure to enable your antivirus or firewall protection soon after, as your system is vulnerable to threats without these.Frequently Asked Questions [FAQs]How much disk space does Steam require?Steam needs at least 5GB of storage space.Is 4 GB RAM enough for Steam?Right now, 4 GB RAM is not enough for Steam. Old games, though, still run with 8GB RAM, but its recommended to have 8GB of RAM to play a much wider range of games.Is Steam heavy on hard disk space?Yes, most of the space is taken by the installed games in the Steamapps folder.As Steam client is an internet browser, all the pages you visit are stored in the app cache folder, which also takes up a lot of space.Final WordsLet us know which of the above methods helped you to fix the problem when Steam says there is not enough disk space.You can also contact us in the comments section provided below for any other game or tech-related issue. User Case 1: "Not enough disc space" error. Plenty of disc space. I have tried Restarting Steam, deleting, and re-downloading it (The problem started during an update). Please help. I really want to play this game right now. - FromSteam Community User Case 2: 44.8 GB free on my drive, but Steam says there is not enough free disk space (to update 500 MB)!!! I have no more free space, cannot move the game to another drive, and have nothing to delete to make space! How should I update? - FromReddit Steam is one of the world's largest and most famous game distribution platforms. It was developed by Valve in September 2003 for Microsoft Windows. This platform is named Steam because its download speed is as fast as Steam. In recent years, Steam has brought us many excellent games, whether exclusive or third-party, including "CSGO," "Dota 2", "PUBG," etc., attracting millions of players around the world. Overview of Steam Not Enough Disk Space Issue Although Steam is an excellent game distribution platform, many users still suffer from some of its bugs. One of the most famous errors is the "Steam Out of Disk Space" error when downloading/installing/running a game. Although many users report that they do have a lot of space on their drives, the warnings keep popping up. This is a real headache because this warning popup interrupts what you are doing. In the following content, you will see how to quickly resolve this error. The first method is the fastest and safest way to remove this error. Let's learn how. Extend Partition Without Losing Any Game Data When the disk space for installing games is insufficient, the most direct and effective method is to extend the current partition without any loss of game data. EaseUS Partition Master Professional can expand the target partition by using unallocated space on the disk or available space on other drives. Free Download Windows 11/10/8/7100% Secure Here's how to use this powerful partition management software to expand the partition where you install Steam games. Step 1. Locate the Target Partition. Go to Partition Manager, locate the target partition andselect "Resize/Move". Step 2. Extend the Target Partition. Drag the partition panel rightward or leftward to add the unallocated space into your current partition, or you can click click "fill in all unallocated" to allocate all space to the target partition. Then,click"OK" to confirm. Extra Option: Get Space from Another Drive If there isnot enough unallocated space on your disk, right-click on a big partition withenough free space,select"Allocate space". Then select the target partition thatyou want to extend at the allocate space to column. Step 3. Execute Operations to Extend Partition. Drag the dots of the target partition into the unallocated space and click "OK". Then Click the "Execute Task" button and click "Apply" to keep all the changes. Now, you will see that the target drive has enough space. In addition to extending partitions, you can use EaseUS Partition Master to shrink, move, merge, delete, or create partitions. Don't miss this tool. Install it to experience these powerful features. Free Download Windows 11/10/8/7100% Secure How to Fix Steam Not Enough Disk Space Error The "Steam Out of Disk Space" issue is really annoying players all over the world. Sometimes, customer service doesn't provide you with the exact solution. Therefore, you can now try the following solutions to remove this error. Fix 1. Reboot PC and Steam Shutting down your PC and Steam and restarting them will usually fix this error, as some updates and random Windows bugs can affect the core of Steam, so the restarting process works perfectly to resolve the issue. Some third-party software can also affect the download or installation of Steam games. Restarting usually prevents this non-essential software from loading, which may be what Steam needs. Fix 2. Verify the Integrity of Steam Game Files This is the most common method used by Steam users when an error occurs. Most games on Steam are typically tens of gigabytes in size, and sometimes, it's inevitable that some files will get corrupted. Therefore, verifying the integrity of game files can help identify corrupted game files, delete them, and re-download them to resolve the issue. Step 1. Close all games running on your computer. Step 2. After closing, navigate to the Steam "Game Library". Step 3. Locate the problematic game in the game list on the left. Right-click on it and select "Properties". Step 4. After entering the property options, find the "Local Files" tab from the navigation bar. Step 5.Click "Verify integrity of game files" to get started. Once done, restart the Steam game and see if the out-of-space error pops up again. Fix 3. Clear Steam Download Cache Steam downloads can generate too much download cache data in the cache, which can cause a lot of glitches, including this out-of-disk-space error you're facing. Clearing the Steam download cache can often resolve this issue. Step 1.Launch Steam from the desktop and select "Steam" from the top navigation bar. Then, select "Settings" from the drop-down menu. Step 2. Select the "Download" tab in the list on the left, click "Clear Download Cache," and follow the instructions. Step 3. Once completed, Steam will restart itself. After Steam restarts, try resuming the download or installation and check if everything is working fine now. Besides Steam, other programs can also generate cache and junk files. Therefore, you can check the page below to get a free disk cleaner for cleaning junk files. Further Reading:Top 5 Best Free Disk Cleaner Recommend Fix 4.Run Steam in Administrator Mode In many Steam error scenarios, the problem is that your Windows account does not have the necessary permissions to modify Steam. To resolve this issue, you must try loading Steam in administrator mode. Step 1. Close all Steam-related applications. Step 2. Right-click on the desktop icon and select "Run as administrator" from the drop-down menu. Step 3. Once Steam loads, you will enter management mode. Redownload, install or run the game to see if the problem is fixed. Share these fixes to help more Steam users who are facing the same issue. Fix 5. Check Hard Drive Error A "Steam Out of Disk Space" error is also more likely to appear if there are any errors on your hard drive. In order to verify whether the hard drive you are using has bad sectors or other possible errors, let's follow the tutorial below. Step 1. Double-click "This PC" on the desktop, right-click to select the drive where you want to install or download the game, and then click "Properties." Step 2. In the Properties wizard, select Tools. Step 3. Click "Check" under the "Error Checking" section. Step 4. Select Scan and try to recover the bad sectors option. Step 5. Finally, click "Start". Once the process is complete, restart or revert to the download/installation process to see if the issue has been resolved. Fix 6. Run Disk Cleanup Perhaps, when the Steam not enough space error appears, the disk space is indeed much less than before. In this case, deleting some junk files or unnecessary data from the hard drive can quickly remove this error. In the next tutorial, we will use Disk Cleanup to remove unnecessary data with one click. Step 1. In the search box, type "disk cleanup" and then press the "ENTER" key. Step 2. Select the correct drive to clean and click OK. Select the items you want to delete and click OK. Finally, wait patiently for the process to complete and try reinstalling or running the game. If you experience any challenges during implementation, our technical experts are on hand to resolve your concerns promptly. EaseUS experts are available to provide you with 1-on-1 manual services (24*7) and help fix different Windows configuration issues. Our experts will offer you FREE evaluation services and efficiently diagnose and resolve Windows update errors, Windows installation, or daily OS issues using their decades of experience. 1. Fix Windows update errors, such as update failure, unable to upgrade Windows, etc. 2. Serve to download and install the latest Windows operating system on PC with success. 3. Provide fixes for daily Windows system errors with drivers, permission, account settings, etc., issues. Conclusion What should you do to remove when the "Steam disk space is low" error occurs? In this tutorial, you learned six ways to deal with it. If you want to solve this error without deleting any data, it is recommended that you use EaseUS Partition Master. This tool can directly help you expand the current partition without deleting any data. Steam Low Disk Space Error FAQs Do you meet a Steam insufficient disk space error when you install or run a game? Continue to read this part to learn more details to remove this error. 1. Why is Steam saying there is no disk space? Many factors may lead to this error, such as low disk space on the drive installing Steam, third-party conflicts, too much Steam game cache, and bad sectors on the hard drive. 2. How do I add more storage to Steam? You can run Disk Cleanup to get more free space for Steam. Here is how: Step 1. Type "disk cleanup" in the search box on the Windows taskbar, and then press the "ENTER" key. Step 2. Choose the drive (such as the C drive) you want to clean and click OK. Select the items you want to delete and click OK. 3. How do I fix Steam not enough disk space? How to fix not enough free disk space errors in Steam? Try the following fixes: Restart your computer. Delete the downloading folder. Clear the download cache. Run Steam as administrator. Repair the Steam Library Folder. Verify the integrity of game files. Clear up space. How to deal with Steam not enough disk space,when you try to install more Steam games or in other situations? Dont worry. For this problem, this article will display 5 solutions in detail to solve the issue easily.Steam, one of the largest gaming distribution platforms in the world, was developed by Valve Corporation for Microsoft Windows in September of 2003. Why was itnamed Steam? The reason is that downloading games on the platform is as fast as steam. Unbelievable.The first game which required a Steam client was Counter Strike 1.6. After that, third-party game developers started distributing their game on Steam and the popularity increased until it becamewhat it is today.Although Steam updates itself all the time, some Steam errorsstill bother its players. One of the errorsis that it says that you dont have enough disk space even though there is a lot of it available. Regarding the different software and hardware configurations you use, there are 5 different solutionsto fix the error: Steam not Enough Disk Space.As a Steam user, you may encounter Steam disk write error, and you can read the following article to get the solutions.Solution 1: Reboot ComputerSituation 1:Steams client updates itself very frequently, and some updates configurethe core of the Steamclient.Situation 2: There are some conflicts when the third-party software and Steam are both running.Facing the above situations, the easiest way is to reboot the computer and then play games to check if the issue is fixed or not.Note: Save all your worksbefore rebooting computers in case of data loss.If rebooting the computer does not work then move on to Solution 2.Solution 2: Chang the Path of InstallationSituation: There is a possibility that Steam will not accept the file path that has been specified with the Steam installation, hence the Steam game uninstalls itself.Therefore, you can set a new file path on a different drive and then try to installing games on the drive.Change the Path of Installation to Fix Steam Not Enough Disk SpaceOpen the Steam client and then click on Steam which is present at the top left side of the screen.Once inside the Settings tab, navigate to the Downloads tab.Click Steam Library Folders at the top of the window.When a list of all of Steam directories shows up, click Add Library Folder.Now you will be asked to select a drive. It is highly recommended to select a different one from where you were initially installing the program.After selecting the drive, create a new folder and name it.Click OK and select the new directory.Go to the Steam store to download and install a game, the client will first ask you which directory you want to install the application. Select the one you just created.After the downloading, check if the problem got solved.Note: If this solution worked, it means there is something wrong in the previous directory where you were trying to install games.Tip: If youwant to put all the games together, please try using the Copy Partition feature of MiniTool Partition Wizard, a powerful partition manager. The size of the target partition must be larger than that of the source partition.Situation: When Steam does not have enough administrator access to make amendments, you may encounter Steam not enough space. In this situation, Steam cannot find out how much space is available in the hard drive.Carry out the following steps to deal with the problem:Step 1: Find the directory where Steam is installed.Step 2: Find the file named: Steam.exe.Right click on it and then select Properties among the options.Step 3: Select Compatibilityfrom the top of the screen. On the new page, make sure that the checkbox which is next the phrase: Run this program as administratoris checked. Save changes and exit.Step 4: Then find the file named GameOverlayUI.exe.Right-click on it and also select Propertiesamong the options.Step 5: Select Compatibilityfrom the top of the screen. On the new page, make sure that the checkbox which is next the phrase: Run this program as administratoris checked. Save changes and exit.Step 6: Now make changes for the whole folder. Open the Steam directory. Right-click it and then select Properties.Step 7: Select Securityand Advancedin the bottom of the page.Step 8: Get a new table. Check the editable rows to see whether each of them has gotten full control or not. If not, click the rawand then click Edit.Step 9: Get a newpop-up window including several options. Check all of them and then click Apply and exit.Note: Repeat the last steps for other rows.Step 10: Re-launch Steam by clicking Steam.exeand it should have all the administrator privileges.Solution 4: Free up or Expand the Disk SpaceSituation: Steam may actually use larger amountsof space than what it is showing on the web page. In this situation, you should delete all the unnecessary data to free up disk space or extend the partition.Way 1: Free up Partition SpaceUseDisk Cleanupin Windowsto delete the unused data.Step 1: Double click This PCon the desktop.Step 2: Right click the partition on which Steam games are installed and then select Propertiesat the bottom.Step 3: Click Disk Cleanupon the page to free up disk space.Step 4: You should see a new pop-window. There are several check boxes consisting of various options which could be deleted. Select the ones which wont bring any problems to the computer and click OK.Step 5: Wait for Windows to delete the selected files. Time depends on the number of volumes in the files.You can download the software by clicking the below button.MiniTool Partition Wizard FreeClick to Download100%Clean & SafeTo learn more about Steam allocating disk space, please carry out the following steps.listed below.Step 1: Download MiniTool Partition Wizard Freeand launch it to get its main interface.Step 2: Click Space Analyzeron the top toolbarin the main interface.Step 3: Choose the partition used to save the Steam games from the drop-down menu and click Scan.Step 4: Wait for the completion of the scanning. You can see the selected partitions Total Space, Space Usedand Space Freeon the top of the page.Note: The scanning time depends on the number of files saved in the selected partition.After the scanning completion, all the data in the selected partition is listed, and you can make a decision which filesneeds to be deleted in case of mistaken deletion.Step 5: Right click the files that need to be deleted, and choose Delete (to Recycle Bin)or choose Delete (Permanently).Note: If mistaken deletion happens, try to recover the data. But the Freeedition only supportsrecovering and saving the files no more than 1GB. To save more than 1GB files, please try Pro Ultimate edition or more advanced editions.Way 2: Resizeor Extend PartitionIf the error still shows up when youdownload new games from Steam, it means that freeing up disk space is not enough inthis situation. Therefore, pleasetry to resizeor extend the partition.How to resize partition with the help of MiniTool Partition Wizard Free?Note: Only whenthere is an unallocated space adjacent to the specified partition, the operation can be applied.Step 1: Download the software and launch it to get its main interface.Step 2: Select the partition on which Steam games will be installed and choose Move/ResizePartitionfrom the left panel. Or rightclick the partition and choose Move/Resize.Step 3: Take some free space fromthe adjacent unallocated space by dragging the sliding bar to the right. Click OK.Step 4: Go back to the main interface and click Applyto executethese changes.If there is no unallocated space next to the specified, please try to use Extend Partitionfeature in MiniTool Partition Wizard Freewhich comes in high flexibility, for it directly takes free space from any other existing partitions or unallocated space to enlarge a partition on the same disk.How to extend partition with MiniTool Partition Wizard Free?Step 1: Launch the software to get its main interface.Step 2: Right click the partition on which the Steam games are installed and then click Extend Partition or choose the feature in the left panel.Step 3: Determine to take space from one partition or unallocated space on the same hard drive and then drag the sliding handle to decide how much space to take. Then click OK.Step 4: Go back to the main interface and click Apply to complete the changes.Now, the partition has been extended, and more free space is available.MiniTool Partition Wizard is an excellent toolkit to help extend and resize partitions.Click to TweetBy the way, Disk Management does notallow creatingmore than 4 primary partitions on an MBR disk. However, MiniTool Partition Wizard can do that. Please click hereto learn about it.Solution 5:Check Bad Sectors for Your Hard Drive.Situation: If the hard drive has some bad sectors, this Steam error also shows up.How to check there is any hard drive? Usethe Surface Testfeature included in MiniTool Partition Wizard Free.Step 1: Download the software and then launch it to get its main interface.Step 2: Click the partition and then select Surface Testfrom the left panel.Step 3: Get a pop-up window and then click Start Now to check the partition.Step 4: Wait for the checking to complete.Step 5: Check the result.If all the squares are green on the page, it means all the sectors in this partition are healthy.If not, it means that there are some bad sectors in the partition. Can we repair bad sectors? You can click bad secotor repair to get the answer.There are 5 solutions available to troubleshoot the Steam error: Steam not enough disk space. Click to TweetHere 5 solutions to solve the issue Steam not enough disk space are explained. Hope you can deal with the issue successfully by carrying out the 5 solutionswhen you have thisproblem.If you haveany questions or advice, please leave a message below or contact with us via .Thanks in advance.Steam Not Enough Disk Space FAQ???? How do I free up disk space on Steam Windows 10?To free up the space on Steam, you can try the following way around.Run Disk Cleanup to delete temporary files.Delete unnecessary personal files or move them to an external hard drive.Store files on could.Extend the partition on which you installed the Steam application.If you have tried the above ways to free up disk space on Steam but still received Steam not enough disk space, please read the post carefully to figure out the culprit of this issue.???? Why does my computer say there is not enough disk space? When you receive the error that your computer doesnt have enough disk space, it means that your hard drive is almost filled and you need to free up the disk space.???? How do I check my disk space?You can try the following two ways to check your disk space.Run the Windows built-in utility. Go to the path: Settings > System > Storage.Perform Space Analyzer of MiniTool Partition Wizard.???? How do I fix insufficient disk space? This topic has been locked How do I free up disk space??? I game on a laptop and it has hardly any storage, I only have two games but I still cannot download Company Of Heroes 2 can any one help? (I don't want to uninstall any of my games)Any help would be much appreciated Note: This is ONLY to be used to report spam, advertising, and problematic (harassment, fighting, or rude) posts. Not enough disk space error on Steam? Here are some solutions Updated: Apr 19, 2023 9:55 am WePC is reader-supported. When you buy through links on our site, we may earn an affiliate commission. Prices subject to change. Learn more Today were going to be investigating how to fix Steams not enough disk space error. Although this may sound like a simple problem to solve with some digital spring cleaning, its worth trying out a few other fixes first. Steam has grown to global popularity since its release in 2003, now boasting an impressive milestone of 30 million concurrent users across the globe. Despite being one of the most popular gaming platforms out there, offering thousands of games to the players who use it, its still one of the most bugged platforms there is. READ NOW: Best Steam Deck accessories Whilst Valve are constantly in battle with new and annoying bugs, releasing updates on an all too regular basis, some errors arent simply fixed by a quick update. Some, unfortunately, require a little manual work from the user side. One great example of this is Steams not enough disk space error that can occur when downloading/installing a game.Annoyingly, the bug will stop your download and prompt you with the annoying error message. That being said, there are some easy steps you can take to ensure this bug doesnt resurface.The following article will be a look at the easiest ways to fix the not enough disk space error, with methods starting by order or success. Lets dive straight into the details. Lets start off with the classic, the go-to when it comes to, well, any PC error scenario restarting your PC. In the case of the Steam not enough disk space error, its always worth restarting your PC first, ensuring that no critical Steam updates are due. Some updates can affect the core of Steam, meaning that a restart is the only way to ensure they have been introduced correctly. Its also quite possible that a third-party application is affecting the download status of your game. Whilst this is rare in most cases, some applications have been known to do this in the past. Restarting your PC should stop any non-essential software from loading, and could be exactly what your system needed. For obvious reasons, I wont be showing you how to restart your PC. There have been several cases where the download file has actually caused a conflict with Steam itself, causing the error to appear. In this scenario, Steam doesnt know whether to install the game or download it, ultimately leading to the not enough disk space error. Try deleting the download file and relaunching Steam. Heres how: Begin by closing down all Steam related applications this includes going into Task Manager and manually closing all Steam apps.To open the Task Manager, right click the Windows taskbar and click Task Manager, or use either the CTRL + SHIFT + ESC or CTRL + ALT + DELETE shortcuts. Next, navigate to your Steam directory, usually defaulted to C:\Program Files (x86)\SteamOnce inside the Steam directory, find the folder labeled SteamappsNext, locate the downloading folder This is where all current download files reside. If you have other game files downloading, simply select the files which are relevant to your error and delete them, this can remove any corrupt / problematic files and force Steam to try and re-download them next timeFinish up by restarting Steam and see if the error still occurs In a lot of Steam error scenarios, the problem lies with your Windows account not having the necessary permissions to make amendments to Steam. In order for Steam to check whether or not your system has the available space for the game youre trying to download, it must be allowed to search your PC. To resolve this, you must try loading Steam in administrator mode. Start by closing all Steam related applicationsNext, right-click the desktop icon and select Run as administrator from the drop-down menuOnce Steam loads, you will be in admin mode. At this point, you can retry the game download to see if the problem has been fixed Clearing the Steam download cache can fix a whole host of annoying steam errors that you might be having. In the case of the not enough disk space error, Steam downloads can generate excessive download data present in the cache that can start to cause numerous errors. Certain files can become corrupt, broken, or missing, turning Steam into a big old bowl of error soup. Thankfully, clearing the download cache in Steam is an extremely easy process. It also has a fairly high success rate too! If Steam isnt already launched, launch Steam. If it is, start by restarting itOnce restarted, from the Steam homepage, select Steam from the navigation bar at theFrom the drop-down menu, select the Settings optionOnce inside the settings tab, simply locate the Downloads tab and select itInside downloads, near the bottom of the tab, youll see a button that reads Clear Download Cache. Simply click this and follow the instructionsOnce done, Steam should restart on its own (if not manually restart)Once restarted, try to resume the download and see if the error persists As many will know, Steam can be a nightmare when it comes to interaction with a number of different antivirus software and firewalls. For some reason, they just dont get along. Whilst Steam is downloading a new game, it usually does so in the background whilst you use Windows for something completely unrelated. Steam also has a number of processes in place which are designed to make your life (as a gamer) much easier. However, these processes are sometimes frowned upon by the antivirus/firewall residing on your PC. They have been known to block Steam processes and background actions, meaning Steam can run into certain errors including the not enough disk space one were experiencing today. You can quickly trial whether this is the case by simply disabling your firewall for 5-10 minutes, and restarting the download process. If it seems to work normally, you know the firewall/antivirus software is the problem. To stop this error from occurring in the future, youll need to make an exception for Steam in your protective software. By doing this, your antivirus will treat Steam as if it wasnt even there, allowing it the free roam it requires to run efficiently. Verifying the integrity of the game files is a tried and tested method that I use regularly when error messages start to occur. For whatever reason, some of the game files can become corrupt most probably because there are 10s of GBs of files making up every game some are bound to mess up. That being said, verifying the game files forces Steam to look at an individual game and search for any corrupt files it may have. If it finds any, it will delete the files then redownload them on restart. Start by closing any games you currently have openOnce closed, navigate to your Games LibraryOnce in games library, locate the game which is causing your the error messageSimply right-click the game and select properties from the available optionsOnce in options, locate the Local files tab from the navigation barInside navigation, you should see an option that reads verify integrity of game files..Click this and follow the instructionsOnce completed, simply relaunch the game and it should redownload any corrupt files which were deleted, therefore fixing the bug Finally, if youre still getting that pesky not enough disk space error message, it might be time to free up some space. Whilst this is probably the first thing every user does who is experiencing this problem, its still worth doing even if you have the required space. I always like to have at least 10% more hard drive space than what the game requires. You never know, certain updates that arent installed with the original game could cause the error to occur. Furthermore, if deleting files on your PC simply isnt an option, why not try adding a portable drive to your hard drive capacity. This will not only give you the additional space you require, but itll also allow you to easily carry your files with you when you travel. If youre having some issues on Steam and keep getting the not enough disk space error, then rest assured that it is possible to fix this issue! The first method that you could try to get rid of this pop-up notice is to simply try restarting your PC, which will not only help to restart the system but will also help to get rid of any third-party software that may be impacting the download process.If you try this and it doesnt work dont panic! The next thing that you can do to try and fix this error is to simply try clearing the Steam download cache. Clearing the cache can help to get rid of a variety of frustrating download issues, and is usually very effective in helping to get rid of the not enough space message. To try this method out, head over to Settings, and click on the downloads tab. Once there, scroll down until you see clear downloads cache, and then simply click on it to clear it.If clearing the cache doesnt do the trick, then we recommend taking a closer look at the game you are trying to download on Steam. If youre noticing that the error message is only occurring for certain games, it could mean that the game files you are trying to download are corrupted or damaged. For this reason, we recommend that you make sure to head over to your Games Library page and then click into the local files tab. Once there, you can then select the verify the integrity of game files in which Steam will get rid of any corrupted files. Even though Steam is one of the most popular gaming platforms out there, it also just so happens to be one of the most bugged gaming platforms, too! These bugs can occur for a variety of different reasons, including Steam releasing updates too frequently, as well as Steam offering thousands of different games. For this reason, Steam can quite often display a dont have enough disk space error message while downloading the game due to bugs that can damage the file, third-party application interference, and even from a backed-up download cache.In addition to this, if youre noticing that Steam is frequently displaying this error message, it could simply be down to the fact that there isnt enough space. So, to help counteract this, we recommend that you free up disk space as much as you can, while also trying to ensure that you maintain at least 10% of disk space at all times to help prevent this error. If you would like to free up some disk space on Steam, then all you will need to do is simply delete some of your old files to create some disk space. To do this, head over to your Steam and find the game that you would like to delete. Log out of the game, and then right-click it in your Steam library. Once you have done this, you will then be able to select delete from the drop-down menu.In addition to freeing up disk space, you could also consider adding a portable drive to the overall hard drive space capacity. This will help to give you plenty of extra space and prevent having to deal with a dont have enough disk space error message every time you try to download a new game. If youre currently stuck at 0 bytes on your Steam game download, simply press the Windows logo key + R on your keyboard, and then type taskmgr into the Run box that pops up. Then, click on the services tab, press on DiagTrick, right-click it and press stop and then restart Steam. After doing this, you should then be able to download the game successfully. Like most gaming platforms, this isnt the only error that annoys Steam users. For that reason, weve created a whole bunch of how-to pages that look at the most common bugs Steam has to offer. Below are the most popular: So, there you have it guys, our comprehensive guide on how to stop the not enough disk space error. Despite this being a fairly straightforward error fix, its still one that has caused many people issue in the past. That being said, its usually one of the easiest to fix with any number of the above methods working. If youre still experiencing the error, feel free to drop us a message in the comments section below. Better still, why not head on over to our Community Hub where you can discuss everything Steam related with like-minded individuals.

How to clean up disk space windows 11. How to make free space on windows 11. How to free up disk space on steam. How to free up space on steam.