




# Disabling Hardware Acceleration to Improve Computer Performance

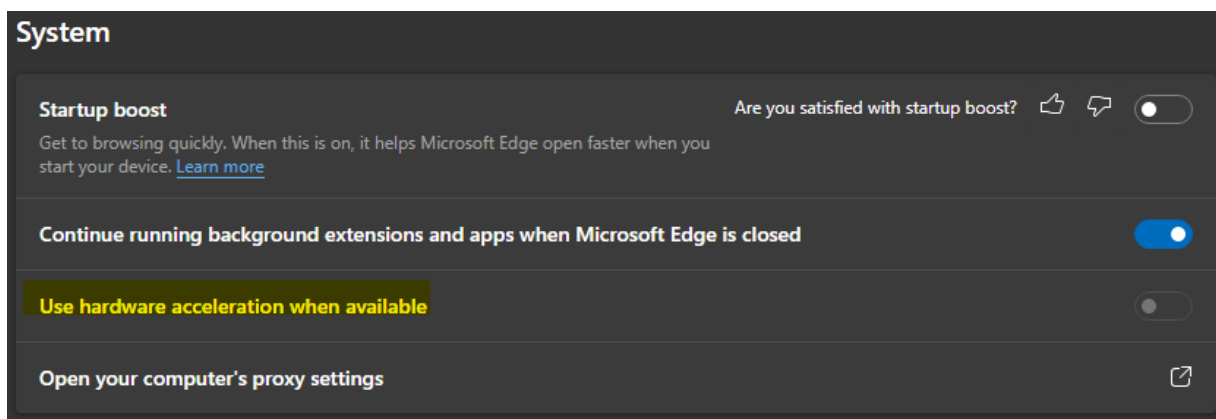
If your computer has slow response times for Microsoft Office or web browsers, disabling hardware acceleration may speed up your system. The setting can be draining on computer systems, which can affect response times. While the Technology Division automatically disables hardware acceleration where possible, users must individually change the setting in Microsoft Office applications. For other programs, you can verify that the setting has been disabled by following the steps below.

## Notes:

1. *Microsoft Edge is recommended for web browsing, as it has the least number of performance issues.*
2. *If you cannot change your setting in Edge or Chrome, it has already been changed and no further action is required.*
3. *Teachers, please share the instructions with students for Microsoft Office applications, such as PowerPoint, if this issue affects their use.*

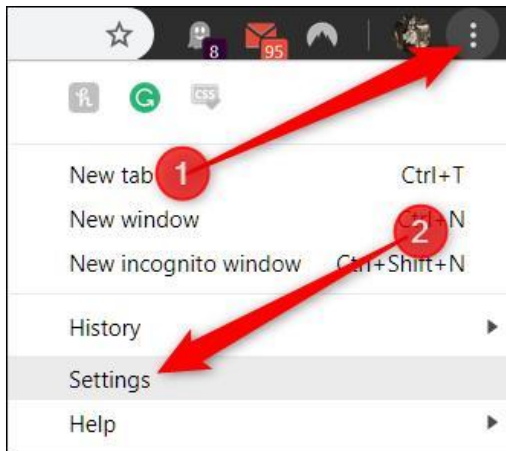
## Microsoft Edge

1. From Edge, click the three dots in the upper right corner, then select **Settings**. 
2. Click **System** in the menu on the left.
3. Locate and toggle off **Use hardware acceleration when available**.
4. Select the **Restart** button that appears.
5. If the toggle is greyed out, that means it has already been turned off for you. No further action is required.

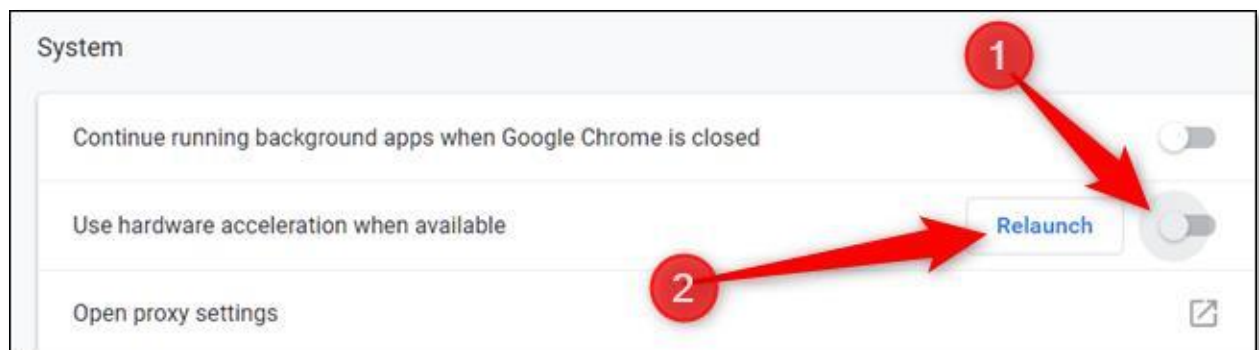


## Google Chrome

1. From Chrome, open **Settings**.
2. Near the bottom of the left menu, click **Advanced**.



3. Scroll down to the **System** section and toggle off **Use hardware acceleration when available**.
4. Click **Relaunch** to apply the changes.

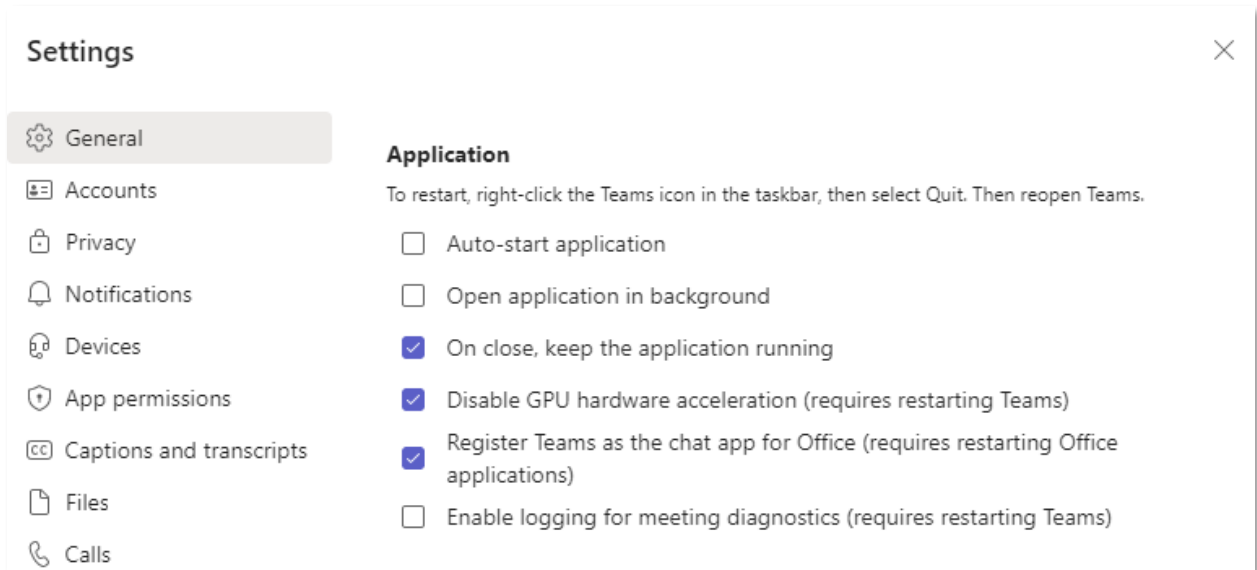


## Microsoft Teams

1. From Teams, click the three dots next to your icon in the top right corner.
2. Click **Settings**.
3. Under the **General** tab, scroll until you find **Application**.
5. Locate and check the **Disable GPU hardware acceleration** box.



6. Restart your computer for the change to take effect.

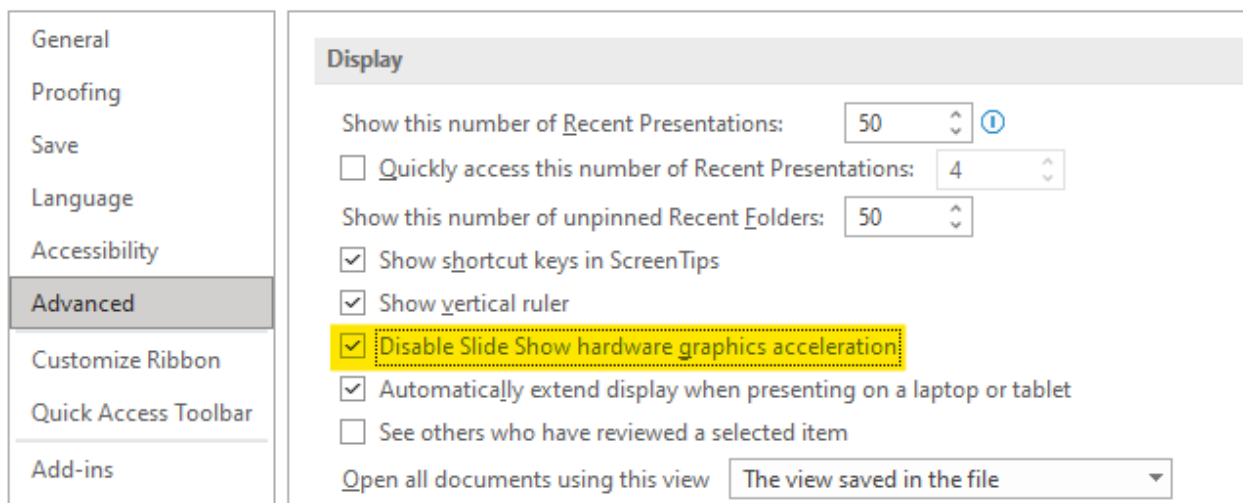


## Microsoft PowerPoint

*Note: Disabling hardware acceleration in PowerPoint also corrects issues with embedded videos not playing in a presentation.*

1. Within PowerPoint, click **File**.
2. At the bottom of the menu on the left, select **Options**.
3. Click **Advanced**, then scroll through the page to **Display**.
4. Check **Disable Slide Show hardware graphics acceleration**.

### PowerPoint Options





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5. Restart your computer.

Additional Microsoft applications, such as Excel, have a similar process: **File > Options > Advanced > Display > Disable hardware acceleration.**