

## TIPS FOR IMPROVING WINDOWS SYSTEM PERFORMANCE

- 1. Disable Special Effects.** Windows has numerous visual effects that can slow down your system. Disabling these effects can improve performance. Go to System > Advanced System Settings > Settings (under Performance) and select "Adjust for best performance".
- 2. Manage Power Settings.** High-performance power plans can offer increased speed. Go to Control Panel > Hardware and Sound > Power Options and select "High performance".
- 3. Disable Search Indexing:** Search indexing improves search speed but can slow down your system. Services (services.msc in Run command), locate Windows Search, right-click and select "Properties," then disable it and stop the service.
- 4. Limit Background Processes:** Background applications can consume considerable resources. In "Settings" > "Privacy" > "Background apps", turn off the apps you don't need running in the background.
- 5. Disable Transparency Effects:** Transparency effects are visually appealing but can slow down some systems. Go to "Settings" > "Personalization" > "Colors" and turn off "Transparency effects."
- 6. Uninstall Unnecessary Applications:** Applications you don't use can take up space and slow down your system. Go to "Settings" > "Apps" > "Apps & features." Select the app you want to uninstall and click "Uninstall."
- 7. Use Performance Monitor:** This tool provides detailed real-time analysis of your system and can help identify performance issues. Type "Performance Monitor" into the start menu and explore the available reports and tools.
- 8. Enable Fast Startup:** This feature can decrease the time it takes for your system to boot up.  
Go to "Control Panel" > "Hardware and Sound" > "Power Options" > "Choose what the power buttons do" and check the "Turn on fast startup" option.
- 9. Use ReadyBoost:** This tool allows you to use a removable drive to improve system speed. Plug in a USB drive, right-click on it in "File Explorer," select "Properties," go to the "ReadyBoost" tab, and follow the instructions. Make sure you use a high-performance external drive.

**10. Adjust Virtual Memory:** Virtual memory can be increased to improve system performance, especially if you're running low on physical RAM. Go to "System" > "Advanced System Settings" > "Settings" (under Performance) > "Advanced" > "Change." Uncheck "Automatically manage paging file size for all drives," select "Custom size," and set the initial and maximum size based on your system's resources (generally, this can be up to 1.5 times your actual RAM).