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# Message: Hardware accelerated ray tracing required by Physically Based/Clay renderings is not supported on this computer.

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Reference Number: **KB-03202**

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## DESCRIPTION

I receive the following message when I attempt to create a 3D camera view:

- #272033160 - Hardware accelerated ray tracing required by Physically Based/Clay renderings is not supported on this computer. This view will fall back to the Standard Rendering Technique.

What does this mean?

## CAUSE

This message will appear if you attempt to create a camera view using the Physically Based (Ray Trace) or Clay rendering technique, but your graphics card does not support hardware accelerated ray tracing.

You may also encounter this message if you attempt to access either the Physically Based (Ray Trace) or Clay dialog panel located within the Rendering Technique Options dialog on a system that doesn't support this functionality.

Hardware accelerated ray tracing, also known as real-time ray tracing or GPU-based ray

tracing, requires specific hardware to function. To learn more about this type of ray tracing, and what computer hardware is recommended, please see the following resources:

- [ChiefBlog - How to Choose the Best Computer for Chief Architect and 3D Design Software](https://www.chiefarchitect.com/blog/computer-for-design-and-gaming/) (<https://www.chiefarchitect.com/blog/computer-for-design-and-gaming/>)
- [Chief Architect System Requirements](https://www.chiefarchitect.com/products/sysreq.html) (<https://www.chiefarchitect.com/products/sysreq.html>) or [Home Designer System Requirements](https://www.homedesignersoftware.com/products/system-requirements.html) (<https://www.homedesignersoftware.com/products/system-requirements.html>)

**Note:** If your Windows-based system has the necessary hardware to utilize hardware accelerated ray tracing, yet you receive the message above, you may have disabled the "Enable GPU Ray Tracing" render preference. Navigate into your Preferences dialog, select the Render panel, and check this box to enable this functionality. If this box is grayed out and inaccessible, your system's hardware is not recognized as being compatible with this type of ray tracing.

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#### Related Articles

- 📄 [Locating Your Computer's Specifications \(/support/article/KB-03129/locating-your-computer-s-specifications.html\)](/support/article/KB-03129/locating-your-computer-s-specifications.html)
- 📄 [Message: You are using a video card that does not meet the software's minimum requirements. \(/support/article/KB-03151/message-you-are-using-a-video-card-that-does-not-meet-the-software-s-minimum-requirements.html\)](/support/article/KB-03151/message-you-are-using-a-video-card-that-does-not-meet-the-software-s-minimum-requirements.html)
- 📄 [Troubleshooting 3D Camera View Display Problems in Chief Architect](https://www.chiefarchitect.com/support/article/KB-00106/troubleshooting-3d-camera-view-display-problems-in-chief-architect.html) (<https://www.chiefarchitect.com/support/article/KB-00106/troubleshooting-3d-camera-view-display-problems-in-chief-architect.html>)
- 📄 [Troubleshooting 3D Camera View Display Problems in Home Designer](/support/article/KB-00897/troubleshooting-3d-camera-view-display-problems-in-home-designer.html) (</support/article/KB-00897/troubleshooting-3d-camera-view-display-problems-in-home-designer.html>)