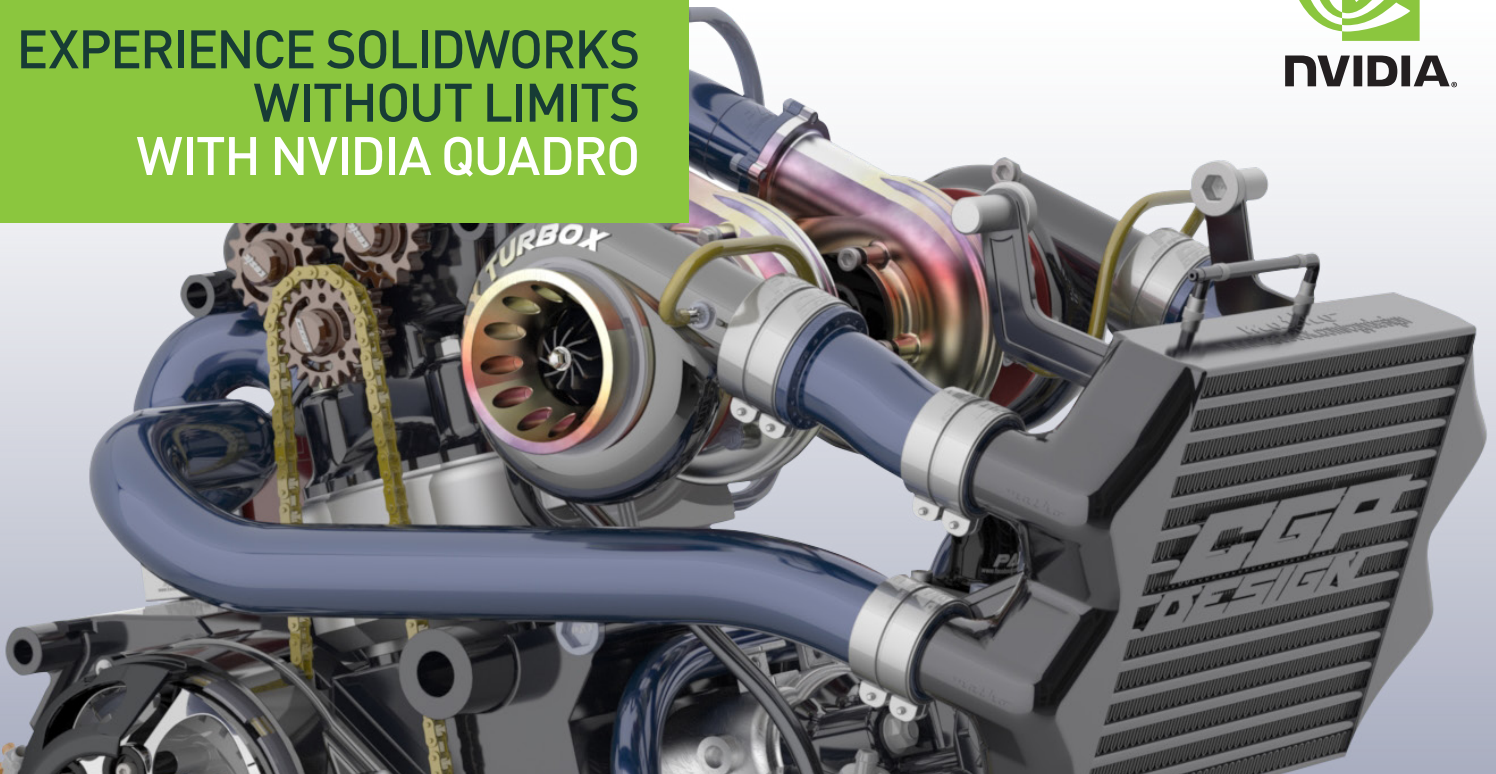


EXPERIENCE SOLIDWORKS WITHOUT LIMITS WITH NVIDIA QUADRO



Accelerate the features that matter in SOLIDWORKS.

NVIDIA® Quadro® gives you exceptional performance in all SOLIDWORKS design modes. Recent changes were made in SOLIDWORKS to better leverage the GPU for large assemblies. So, you can now get significantly faster performance with assemblies larger than 500 components compared to previous releases of SOLIDWORKS.

Count on Industry-Leading NVIDIA Performance and Reliability

NVIDIA has a history of providing the industry's best performance on leading design and manufacturing applications.

This includes:

- > **Driver quality and stability** By working closely with the leading software companies, NVIDIA develops mission-critical drivers certified on 100+ applications.
- > **Preferred, trusted brand** The majority of today's design work is done using Quadro professional graphics.
- > **Quadro performance from the cloud and virtual desktop environments.** With NVIDIA Quadro Virtual Data Center Workstation, designers and engineers get GPU rendering, simulation and 3D graphics, giving them the flexibility to work from anywhere, on any device.
- > **Compute leadership** Leading solutions for GPU Rendering and Simulation rely on NVIDIA CUDA® parallel computing technology.

- > **Workspace and IT management** NVIDIA tools designed for professional display management and infrastructure include Mosaic, nView®, and NVIDIA Enterprise Management Toolkit (NVWMI).

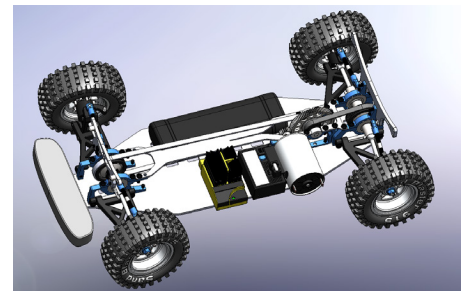
Order Independent Transparency (OIT) Faster Performance

In the past, applying transparency to components or faces in an assembly could cut SOLIDWORKS display performance in half when using RealView. With recent improvements in SOLIDWORKS to leverage the GPU during OIT, transparency performance no longer slows you down.

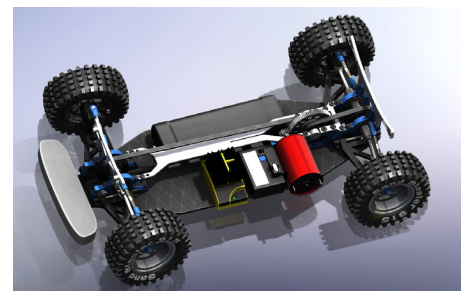
Gear up for 4K Resolution

The HD-to-4K transition presents a great opportunity for designers and engineers to enhance their CAD experience. 4K display costs are falling and the significantly higher screen resolution (4x HD) enables superior image quality, larger visual workspace, and greater productivity. SOLIDWORKS users can rely on the performance of Quadro discrete graphics to maintain the smooth design workflow to which they've become accustomed—even at 4K resolution.

And with the emergence of Virtual Reality in product design workflows, the need for powerful, reliable Quadro professional GPUs has never been more evident.



Standard 3D Mode (RealView, FSAA turned off)
Image is void of real-world reflections and textures. Jagged edges are visible.



Enhanced 3D Mode (RealView, FSAA turned on)
A more realistic and detailed model. Shadows, reflections, and textures appear as they would in real life, edges are smoother.

Discover Superior Real-Time Photorealistic Rendering

SOLIDWORKS® Visualize provides a suite of standalone software tools with NVIDIA physically based rendering technology natively integrated, which helps designers and engineers see their products in photo-real quality as early in the development pipeline as possible. By leveraging NVIDIA rendering technology and Quadro GPUs, users can interactively visualize design changes during their workflow, with the confidence that they're seeing a lifelike, photorealistic virtual product.

NVIDIA has also brought Artificial Intelligence (AI) to the product design workflow with AI-powered rendering denoising, which accelerates SOLIDWORKS Visualize more than 10X. This gives designers the ability to instantly view modifications to their model with full photorealism, so they can iterate more quickly and ultimately create better products.

Use eDrawings® in Stereoscopic 3D

You already know how valuable eDrawings can be for sharing native SOLIDWORKS files for design or marketing reviews. However, you may not know that this popular SOLIDWORKS add-in also works in 3D. This provides tremendous opportunities for displaying extreme detail in stereoscopic 3D to really give your customers and managers the truest representation of your design.



Fast and easy photorealistic visualization with SOLIDWORKS Visualize powered by the NVIDIA rendering engine and AI-accelerated denoising.

RECOMMENDED GRAPHICS SOLUTIONS FOR SOLIDWORKS

USAGE	Small to medium assemblies with simple parts	Large assemblies with simple parts or small assemblies with complex parts	Large assemblies with complex parts. GPU-accelerated rendering
For Desktop Workstations	Quadro P2000*	Quadro RTX 4000*	Quadro RTX 5000*
GPU MEMORY	5 GB GDDR5	8 GB GDDR6	16 GB GDDR6
REPLACES	Quadro M2000	Quadro P4000	Quadro P5000
For Mobile Workstations	Quadro P2000*	Quadro P4200*	Quadro P5200*
GPU MEMORY	4 GB GDDR5	8 GB GDDR5	16 GB GDDR5
REPLACES	Quadro M2200	Quadro P4000	Quadro P5000
For Virtual Workstations	Tesla T4*	Tesla T4*	Tesla P40/V100*
GPU MEMORY	16 GB	16 GB	24/32 GB
REPLACES	K2/M60	K2/M60	

* Please contact your software provider for the latest information on application certifications and support. To learn more, visit www.nvidia.com/solidworks



NVIDIA® professional graphics solutions are certified and recommended by Dassault Systèmes. For the latest updates on software certifications and support, please visit the Dassault Systèmes platform support website. The close collaboration during product development guarantees stability and reliability of the platform just the way you expect from day one.

