

EXPERIENCE SOLIDWORKS WITHOUT LIMITS USING NVIDIA GPUs



Accelerate the features that matter in SOLIDWORKS.

NVIDIA® Quadro® GPUs give 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 the industry's best performance on leading Design & Manufacturing applications.

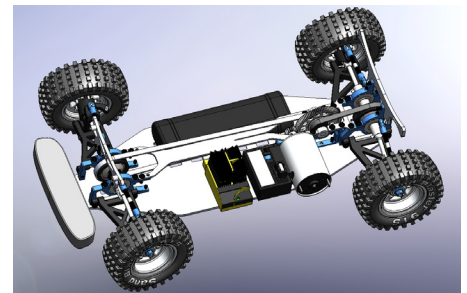
This includes:

- > **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 on Quadro professional graphics.
- > **Bringing all the benefits of VDI** With NVIDIA GRID™ vGPU™, designers and engineers can leave behind unacceptable levels of lag and display degradation and take advantage of all the benefits of virtual desktop infrastructure.

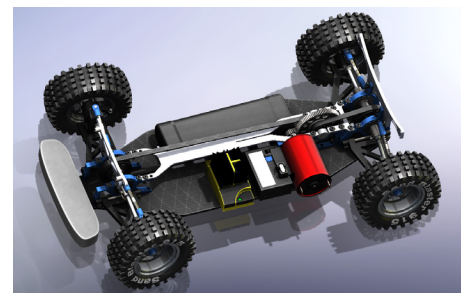
- > **Compute leadership** Leading solutions for GPU Rendering and Simulation rely on NVIDIA CUDA® parallel computing technology.
- > **Workspace and IT management** NVIDIA tools designed for professional display management and infrastructure include Mosaic, nView®, and NVIDIA Enterprise Management Toolkit (NVWMI).

Order Independent Transparency (OIT) Faster Performance

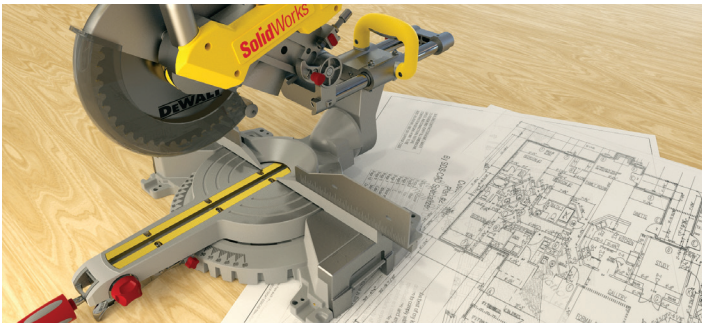
In the past, applying transparency to components or faces in an assembly could cut SOLIDWORKS display performance in half when using RealView. With recent improvements in SOLIDWORKS to leverage the GPU during OIT, transparency performance no longer slows you down.



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

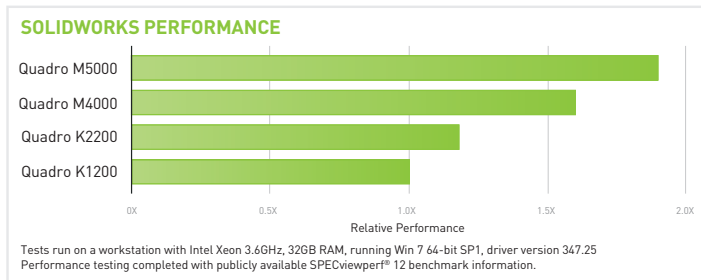
Dassault Systèmes Bunkspeed is an easy-to-use, yet powerful, design visualization software intended to help designers and engineers see their products in photoreal quality, as early in the development pipeline as possible. It directly imports and updates SOLIDWORKS data by managing design revisions through monitoring time stamps of SOLIDWORKS parts and assemblies. If existing geometry changes in SOLIDWORKS, that geometry will automatically update within Bunkspeed—without having to manually re-import anything.

Bunkspeed teams up with SOLIDWORKS for a seamless workflow.

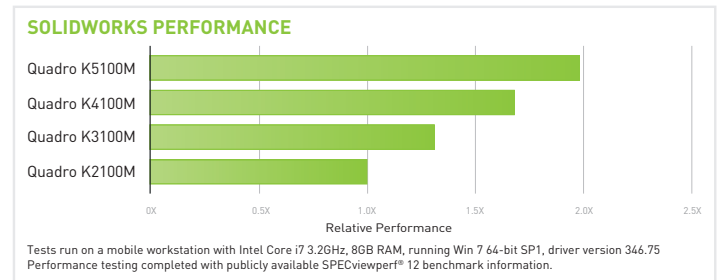
Use eDrawings® in Stereographic 3D

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.

For Desktop Workstations



For Mobile Workstations



RECOMMENDED GRAPHICS SOLUTIONS FOR SOLIDWORKS

USAGE	Small/medium assemblies with simple parts	Large assemblies with simple parts Small assemblies with complex parts	Large assemblies with complex parts. GPU-accelerated rendering parts
For Desktop Workstations	Quadro K2200	Quadro M4000	Quadro M5000
GPU MEMORY	4 GB GDDR5	8 GB GDDR5	8 GB GDDR5
REPLACES	Quadro K2000 or Quadro 2000	Quadro K4200 or Quadro K4000	Quadro K5200 or Quadro K5000
For Mobile Workstations	Quadro K2100M / K2200M	Quadro K3100M / K4100M	Quadro K5100M
GPU MEMORY	2 GB GDDR5	4 GB GDDR5	8 GB GDDR5
REPLACES	Quadro K2000M or Quadro 2000M	Quadro K3000M or Quadro 3000M / Quadro K4000M or Quadro 4000M	Quadro K5000M or Quadro 5010M

To learn more, visit www.nvidia.com/solidworks



NVIDIA® professional graphics solutions are certified and recommended by Dassault Systèmes. The close collaboration during product development guarantees stability and reliability of the platform just the way you expect from day one.

