

EXPERIENCE SOLIDWORKS WITHOUT LIMITS USING NVIDIA GPU_s



Accelerate the features that matter in SOLIDWORKS.

NVIDIA® Quadro® GPU_s give you exceptional performance in all SOLIDWORKS design modes. Changes were made in SOLIDWORKS 2014 to better leverage the GPU for large assemblies. So, you can now get an average of 2x faster performance with assemblies larger than 500 components compared to SOLIDWORKS 2013.

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.

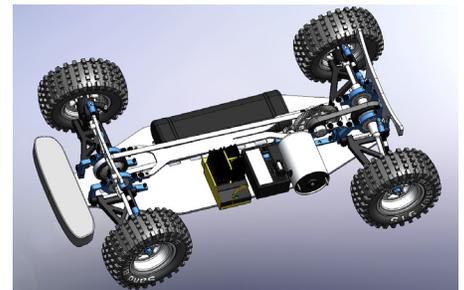
- > **Compute leadership** Leading solutions for GPU Rendering and Simulation rely on NVIDIA CUDA® parallel computing technology.
- > **Workspace and IT management** NVIDIA tools designed for professional display management and infrastructure include Mosaic, nView®, and NVIDIA Enterprise Management Toolkit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

Order Independent Transparency (OIT) Faster Performance

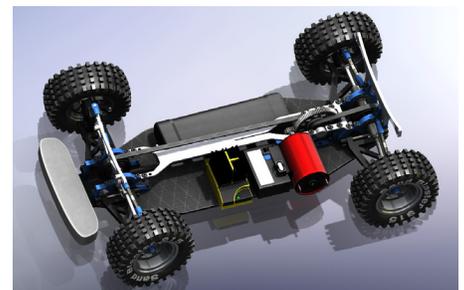
In the past, applying transparency to components or faces in an assembly could cut SOLIDWORKS display performance in half when using RealView. With improvements in SOLIDWORKS 2014 to leverage the GPU during OIT, transparency performance no longer slows you down. In fact, it performs up to 2x faster in SOLIDWORKS 2014 compared to 2013 when using RealView.

PNY's Service and Commitment

PNY offers unsurpassed service and commitment to its professional graphics customers offering: 3 year warranty, pre- and post-sales support, dedicated Quadro Field Application Engineers, and direct tech support hot lines. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, software installation disc, and documentation to ensure a quick and successful install.

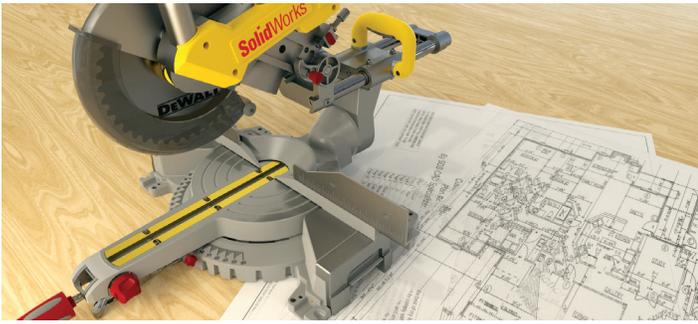


Standard 3D Mode (RealView, FSAA turned off)
Image is void of real-world reflections and textures. Jagged edges are visible.



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.





Bunkspeed integrates into 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.

Discover Superior Real-Time Photorealistic Rendering

Dassault Systèmes 3DXCITE 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 integrates with SOLIDWORKS Standard or Premium 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.



PNY RECOMMENDS THE FOLLOWING NVIDIA QUADRO 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 PNY PN: VCQK2200-PB	Quadro K4200 PNY PN: VCQK4200-PB	Quadro K5200 PNY PN: VCQK5200-PB
GPU MEMORY	4 GB GDDR5	4 GB GDDR5	8 GB GDDR5
REPLACES	Quadro K2000 or Quadro 2000	Quadro K4000 or Quadro 4000	Quadro K5000 or Quadro 5000

To learn more about NVIDIA Quadro visit www.pny.com/quadro. To determine which Quadro solution is right for you utilize PNY's interactive configurator available at www.pny.com/configurator. For all other sales inquiries contact PNY at gopny@pny.com or call **888.333.3657**.



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.

