WORK FASTER.
COLLABORATE MORE.
NVIDIA AND SIEMENS PLM SOFTWARE

Deliver cutting-edge designs while meeting the most stringent deadlines with NVIDIA professional graphics solutions and Siemens PLM software.

More Productive Workflow

NVIDIA solutions provide fast 3D graphics performance that enables you to quickly visualize and interact with complex designs. With NVIDIA technologies, you can easily explore design alternatives using different design scenarios and materials in real time, to be confident that your final design is the best design. Advances in technology such as large 4K monitors which facilitate 3D CAD workflows, mean that designers and engineers using Siemens PLM product design tools expect ever more powerful and reliable graphics performance. And with the emergence of Virtual Reality in product design workflows, the need for NVIDIA® Quadro® professional graphics has never been more evident.

Until recently, the benefits of virtualization weren't accessible to Siemens NX users because a satisfactory user experience with their 3D graphics-intensive design and engineering software simply wasn't possible in a virtualized IT environment. Now, with NVIDIA GRID™ technology, Siemens NX users can leave behind unacceptable levels of lag and display degradation and fully leverage all the benefits of accelerated 3D graphics virtualization.

More Interactive Designs

Since many products designed with Siemens NX consist of hundreds or even thousands of individual components, NVIDIA Quadro GPUs with ultra-large graphics memory enable you to interact with extremely large assemblies, with more components. You can manipulate more surfaces and materials than ever before so you make better informed design decisions, while reviewing the individual components in context of the full assembly.

Cutting-Edge Design and Visualization Tools

Explore more iterations faster by using NX Ray Traced Studio to generate interactive, photorealistic views of your complex designs. NVIDIA Iray rendering was natively integrated in NX11, so Ray Traced Studio users can access NVIDIA's latest physically based rendering technology to predictably visualize in real-time how designs will look in real life. With the performance of NVIDIA GPUs, you can incorporate high-quality reviews in your workflow for faster product decisions with key stakeholders, shortening your time to market.

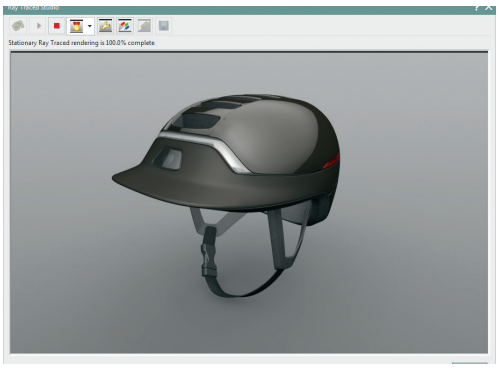
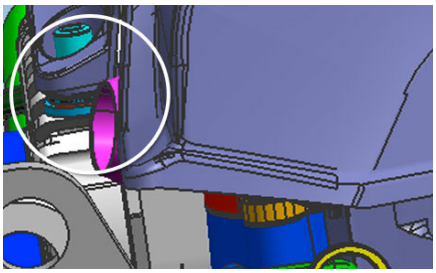
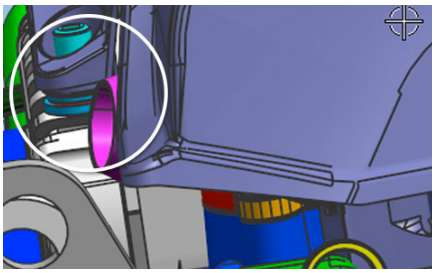


Image created with GPU-accelerated NX Ray Traced Studio powered by NVIDIA Iray



Without FSAA
Jagged edges are visible, making it hard to discern model details.

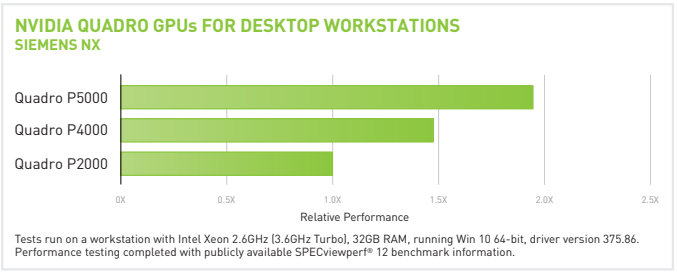


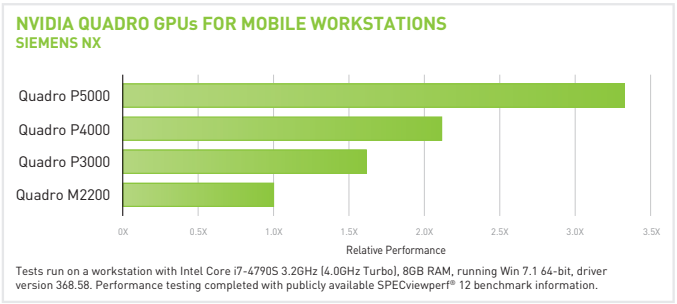
With FSAA
A more accurate model appears with smoother edges.

Higher-Quality Designs

NVIDIA graphics solutions provide reduced visual artifacts, helping you refine the most intricate design details without sacrificing performance. See your designs with smooth, accurate edges as NVIDIA® Quadro® full-scene anti-aliasing (up to 128X) removes jagged edges in real time.

NVIDIA GPUs are available for desktop and mobile workstations, as well as remote server platforms for virtualized environments.





RECOMMENDED GRAPHICS SOLUTIONS FOR SIEMENS PLM

USAGE	Small to medium assemblies with simple parts	Large assemblies with simple parts or small assemblies with complex parts	Large assemblies with complex parts
For Desktop Workstations	**Quadro P2000***	**Quadro P4000***	**Quadro P5000***
GPU MEMORY	5 GB GDDR5	8 GB GDDR5	16 GB GDDR5X
REPLACES	Quadro M2000	Quadro M4000	Quadro M5000
For Mobile Workstations	**Quadro P3000***	**Quadro P4000***	**Quadro P5000***
GPU MEMORY	6 GB GDDR5	8 GB GDDR5	16 GB GDDR5
REPLACES	Quadro M3000M	Quadro M4000M	Quadro M5000M

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

SIEMENS

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

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