Quadro RTX Accelerates SOLIDWORKS

SOLIDWORKS taps into the power of NVIDIA® Quadro RTX™ to speed up product design workflows. With RTX support, SOLIDWORKS delivers a faster, more interactive experience with outstanding performance and capabilities, including:

> GPU-optimized pipeline for a fluid CAD experience and fast manipulation of even the largest assemblies at full model fidelity
> 8k multi-display support for enhanced productivity, viewport size, and precision
> GPU-accelerated high-performance shading, full-scene anti-aliasing (FSAA), order independent transparency, and RealView
> Immersive model interaction in VR with eDrawings Pro and photorealistic VR panoramas in SOLIDWORKS Visualize
> Near real-time ray tracing, NVIDIA PhysX® simulation, and AI denoising in SOLIDWORKS Visualize, with up to 15x¹ faster rendering performance than CPU

Solutions for SOLIDWORKS

NVIDIA Quadro® provides a wide range of RTX-enabled solutions for desktop, mobile, server-based rendering, and virtual workstations with NVIDIA Quadro Virtual Data Center Workstation (Quadro vDWS) software. With up to 96 gigabytes (GB) of GPU memory available, Quadro provides the power you need for your largest CAD design and rendering workloads.

“...When coupled with Quadro RTX, SOLIDWORKS Visualize provides the industry’s fastest and easiest way to achieve photo-quality imagery, animations, immersive content, and more—helping to cut costs and speed time to market.”

– Brian Hillner, Senior Product Portfolio Manager, SOLIDWORKS Visualization

Learn more about Quadro RTX solutions at www.nvidia.com/quadro

Learn more at www.solidworks.com

¹ Performance results may vary depending on the scene.
² Quadro vDWS software is supported with NVIDIA Quadro RTX 6000 and 8000 GPUs.
³ Two Quadro RTX 8000 GPUs connected with NVIDIA NVLink® provide a combined 96 GB of total GPU memory, NVLink sold separately.

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