![NVIDIA logo]

NVIDIA® QUADRO® AND CATIA
THE PROVEN COMBINATION FOR PERFECT DESIGNS

NVIDIA Quadro is certified by Dassault Systems for exceptional performance and new CATIA Live Rendering.

The latest NVIDIA® Quadro® professional graphics solutions, based on the NVIDIA Kepler™ architecture, and CATIA are trusted by engineers and designers in industries ranging from automotive and aerospace to consumer packaged goods. The collaboration of NVIDIA, Dassault Systemes, and the leading workstation manufacturers assures you of optimized performance and the most advanced features, including CATIA Live Rendering with GPU-accelerated ray tracing.

Increase CATIA Performance

The new Quadro solutions allow you to use advanced textures and materials on large assemblies without slowing down the design process. Stylists can now use realistic materials like car paint, carbon fiber and leather stitching to render life-like models. Electrical and hydraulics engineering teams can navigate complete airplane or car assemblies to make correct technical decisions faster. Go ahead and rotate, pan, zoom and modify without worry. Quadro gives you the power you need.

The Proven Solution for CATIA

NVIDIA professional graphics solutions are certified and recommended by Dassault Systemes and come with a three year warranty. The close collaboration during product development guarantees stability and reliability of the platform, so everything will perform just the way you expect from day one. It's no wonder 9 out of 10 CATIA users choose Quadro in their workstations.

CATIA Live Rendering for Photorealistic Designs

CATIA Live Rendering provides designers and engineers with intuitive means for creating images that rival photographs, in a fraction of the time previously required. You can now use materials and lights that correspond to and react like those in the physical world, quickly bringing your models to life. Assemblies of every size can now be interactively rendered directly within CATIA due to the parallel processing architecture of NVIDIA Quadro solutions. By tightly integrating NVIDIA® Iray® rendering technology into the application, CATIA blurs the lines between traditional modeling and ray traced rendering. The remarkably simple user interface lets you easily modify designs, materials, reflections and backgrounds—allowing you to focus on the creative process.
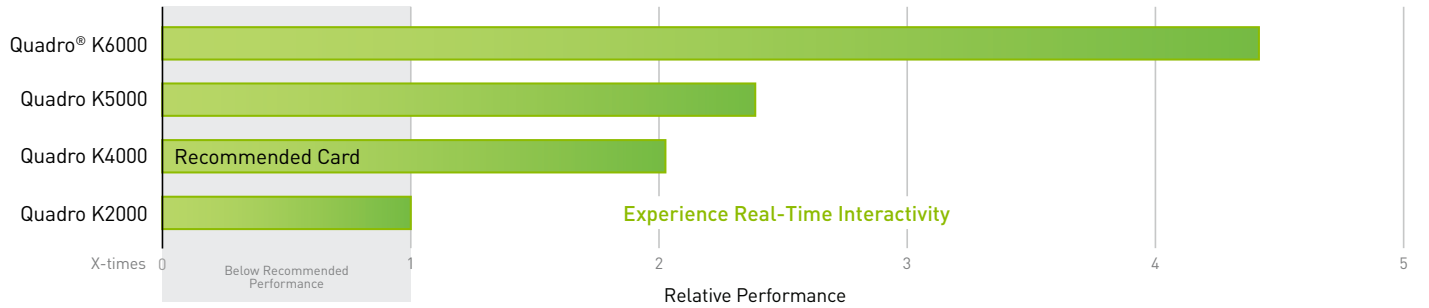

New CATIA Live Rendering brings models to life.

Design complex models, faster.

CATIA BENCHMARKS RESULTS[1]

	Relative Performance
Quadro® K6000	~4.5
Quadro K5000	~2.3
Quadro K4000 — Recommended Card	~2.0
Quadro K2000	~1.0

X-times: 0 — 1 — 2 — 3 — 4 — 5

Below Recommended Performance

Experience Real-Time Interactivity

Relative Performance

Recommended NVIDIA Quadro Solutions

	QUADRO K2000	QUADRO K4000	QUADRO K5000	QUADRO K6000	MULTI-GPU
CATIA USAGE	Occasional Modeling Simple assembly, single part design	Intensive Modeling Complex system assembly	Expert Modeling Design and Styling	Demanding creative designers, model and design extra-large data sets	CATIA Live Rendering
BENEFIT	All around performance for spinning, panning and zooming	Deal with large amounts of data	Use complex materials and surfaces for better design fidelity	Use the biggest data model with the best interactivity	Accelerate photorealistic image production
GPU MEMORY	2 GB DDR5	3 GB DDR5	4 GB DDR5	12 GB DDR5	Varies
REPLACES	Quadro 2000 Quadro FX 1800 Quadro FX 1700	Quadro 4000 Quadro FX 3800 Quadro FX 3700	Quadro 5000 Quadro FX 4800 Quadro FX 4600	Quadro Q6000 Quadro FX 5800 Quadro FX 5600	-

To learn more, visit **www.nvidia.com/catia**

DS CATIA

Quadro professional graphics solutions are engineered, built, and tested by NVIDIA to provide the highest standards of quality for maximum system uptime. With advanced support for a multiple display environment, you can view more content to boost productivity. In addition, with robust features, including a unified driver architecture and nView display management software, Quadro solutions offer IT departments an easy to deploy and manage solution.

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