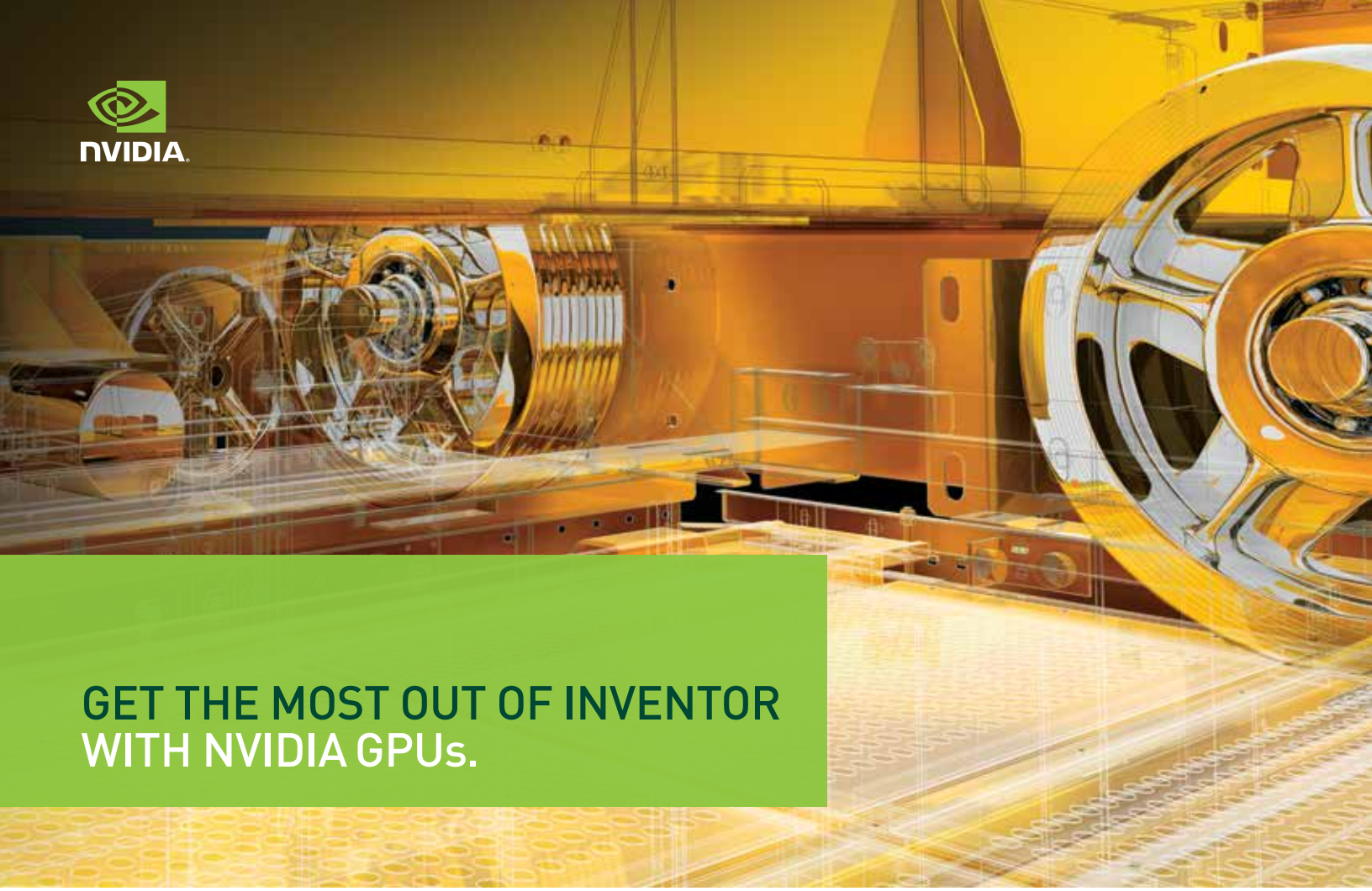


GET THE MOST OUT OF INVENTOR WITH NVIDIA GPUs.

DESIGN WITHOUT LIMITATIONS.

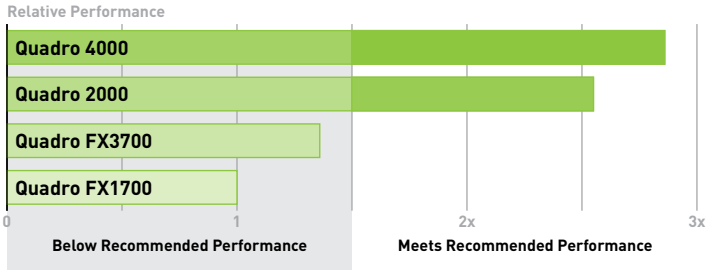
NVIDIA professional graphics provide fast, responsive experiences for Inventor, as well as all the other applications in the Product Design Suite. This means you can now dial up the complexity of your designs, visualize every angle faster, and work out issues earlier in the design cycle.

The latest NVIDIA® Quadro® GPUs provide almost **3x faster performance**[1] over previous generations in Inventor, so you can explore all your ideas and still get your projects done on time. With 2 GB of built-in memory in the **Quadro 4000**, NVIDIA GPUs recommended for Inventor can handle just about any amount of work you throw at them.

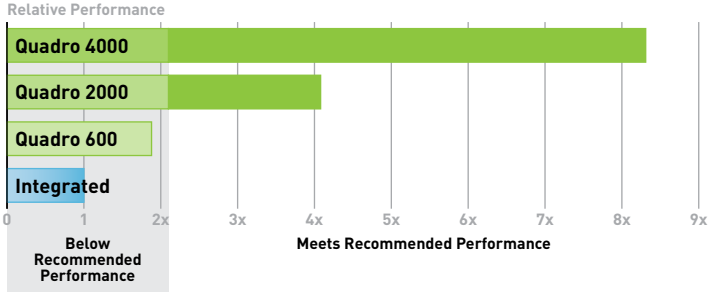
Quickly Prepare For Design Reviews.

NVIDIA lets you take advantage of **Showcase** in the Product Design Suite for reviews and product walk-throughs. As you can see, the more graphics horsepower you have, the faster Showcase will run. So you no longer need to worry if you have enough time to set up that perfect scene.

INVENTOR BENCHMARK RESULTS[1]



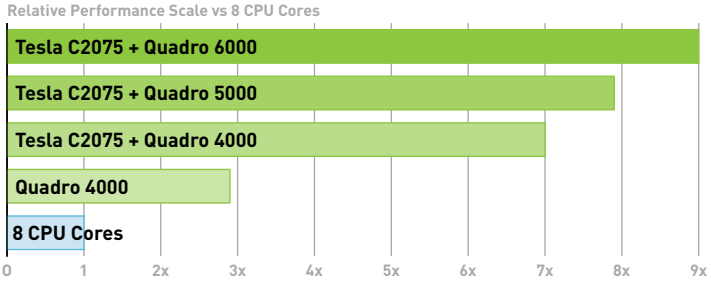
SHOWCASE BENCHMARK RESULTS[2]



Create Fast Photorealistic Renders.

3ds Max in your suite gives you the power to create stunning photorealistic renderings for client reviews or marketing materials much faster. Because 3ds Max also takes full advantage of your graphics card, what you use can greatly affect how fast the renders will finish. So, why wait overnight and catch mistakes after it's too late?

MAXIMUS PERFORMANCE FOR 3DS MAX 2012 WITH IRAY[3]



Now, you can render up to 9x faster in 3ds Max using **NVIDIA Maximus technology**[3] while still working in all your other apps. This means creating expensive and time-consuming physical prototypes is finally a thing of the past.

Create stunning photorealistic renderings using 3ds Max and NVIDIA GPUs. | Image courtesy of Jeff Patton

RECOMMENDED GRAPHICS SOLUTIONS

	NVIDIA® MAXIMUS™	QUADRO K5000	QUADRO 4000	QUADRO 2000
APPLICATION	Intensive use of CAE or 3ds Max rendering	Occasional use of CAE or 3ds Max rendering	Frequent use of Showcase with Inventor	Inventor use only
USAGE	> Highest-performance rendering engine > Simultaneous rendering/CAE and design application usage > Excellent Moldflow and ANSYS performance	> Excellent 3ds Max performance > Largest assemblies and complex surface models. > Best choice for complex geometry, transparency, and hidden line removal	> Excellent Showcase performance with Inventor > Large assemblies with simple parts > Small assemblies with complex parts	> Small/medium assemblies with simple parts
GPU MEMORY	Visit **www.nvidia.com/maximus** for Maximus configurations	4 GB	2 GB	1 GB

Autodesk

Built For Professionals: Autodesk and NVIDIA collaborate closely on product development to deliver a reliable user experience, so everything will perform just the way you expect from day one. Quadro graphics solutions are engineered, built, and tested by NVIDIA to provide you with the performance and reliability you need, whenever you need it. And with a three-year warranty, plus direct support from NVIDIA, Quadro solutions ensure the highest standards of quality, delivering industry-leading performance, capabilities, and reliability.

For more information, including real life success stories, visit **www.nvidia.com/autodesk**

[1] Inventor performance test: NVIDIA benchmark consists of a collection of models manipulated under typical usage in Inventor 2013 with Shaded and Shaded with Edges display modes turned on. The test is with a Xeon E3-1245 CPU, 4GB RAM, and the specified Quadro graphics card running Windows 7 64bit.
[2] Showcase performance test: NVIDIA benchmark consists of a collection of user models from AutoCAD and Inventor manipulated under typical usage in Showcase 2013. The test is with a Xeon E3-1245 CPU, 4GB RAM, Intel Integrated P4000 and the specified Quadro graphics card running Windows 7 64bit.
[3] 3ds Max Benchmarks: Test consists of a collection of hard surface objects rendered outdoors in 3ds Max with iray 1.2 comparing an NVIDIA Tesla C2075 and the indicated Quadro GPU with the CPU relative to an Intel 3ghz x5570 Xeon CPU with 8 cores rendering. ECC has been turned off for all GPUs. Values shown are percent increase in render speed relative to CPU.

NVIDIA