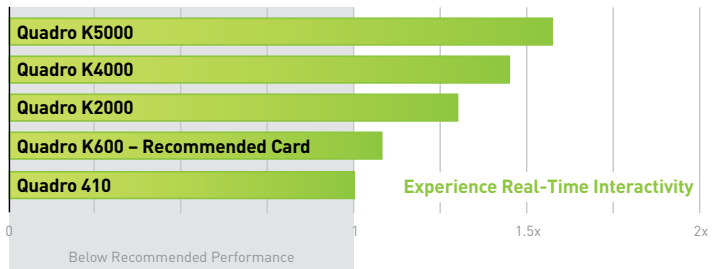# GET THE MOST OUT OF AUTOCAD WITH NVIDIA GPUs

DO YOUR BEST WORK

The latest NVIDIA® Quadro® graphics cards—based on the **NVIDIA Kepler™** architecture—provide exceptional performance for AutoCAD. So you can work more quickly, explore your ideas, and still get your projects done faster.

NVIDIA professional graphics provide leading performance that also lets you easily use the other applications in the AutoCAD Design Suite—such as 3ds Max—with complete confidence. This is something integrated just can't handle.

AUTOCAD BENCHMARK RESULTS[1]

Quadro K5000	
Quadro K4000	
Quadro K2000	
Quadro K600 – Recommended Card	
Quadro 410	

Experience Real-Time Interactivity
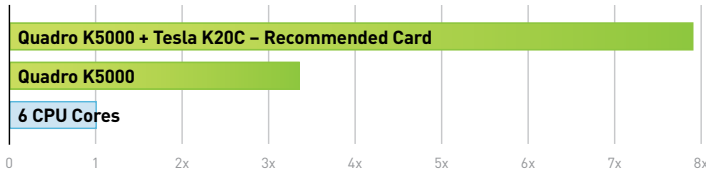
0   1   1.5x   2x

Below Recommended Performance

Create Fast Photorealistic Renders.

With 3ds Max in your suite, creating stunning photorealistic renderings for client reviews or marketing materials is always faster and easier. 3ds Max also takes full advantage of your graphics card, so what you use can greatly affect how fast the renders will finish. Why wait overnight and catch mistakes too late?

Now, you can render up to 8x faster in 3ds Max using **NVIDIA Maximus technology**[2] while still working in all your other apps. This makes creating expensive and time-consuming physical prototypes a thing of the past.

3DS MAX BENCHMARKS RESULTS
Relative performance scale based on 6 CPU CORES

Quadro K5000 + Tesla K20C – Recommended Card	
Quadro K5000	
6 CPU Cores	

0　1　2x　3x　4x　5x　6x　7x　8x

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

Recommended graphics solutions.

	NVIDIA® MAXIMUS™	QUADRO K4000	QUADRO K2000	QUADRO K600
APPLICATION	Intensive use of rendering or CAE	Occasional use of 3ds Max with AutoCAD	AutoCAD use only	AutoCAD 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	> Medium assemblies and complex surface models > 2D drawings with excellent response time to pan, zoom, and redraw.	> Small assemblies with simple parts
GPU MEMORY	Visit **www.nvidia.com/ maximus** for Maximus configurations	3 GB	2 GB	1 GB

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] AutoCAD performance test: Catalyst 3D tests run on Windows 7 64bit, 32Gb RAM, Xeon 3.1Ghz.
[2] 3ds Max Benchmarks: Test Scene collection run on Windows 7 64bit, 32Gb RAM, Xeon 2.67Ghz (x5960) with 6 cores using NVIDIA iray® technology in Autodesk 3dsMax.