Built for Professionals
Maximize Your AutoCAD Productivity

Through a close partnership, NVIDIA® Professional Solutions Group and Autodesk deliver a certified hardware-software solution that enables designers using AutoCAD and NVIDIA Quadro® professional graphics solutions to create and interact with more complex product designs, achieving maximum productivity without sacrificing visual quality.

Whether creating a part, building an assembly, or designing a building, your productivity is dependent on the level of realism your platform is capable of displaying in real time. The ability to visualize and interact with complex 3D models leads to better interpretation, enabling faster and easier design creation.

Quadro professional graphics solutions power the platforms that enable you to do just that.

Consumer-graphics-based platforms often require you to compromise your productivity to the platform's limitations. Consumer graphics limit your ability to interact with intuitive and realistic 3D designs, forcing you to rely on wire frame or simplified models to make design decisions.
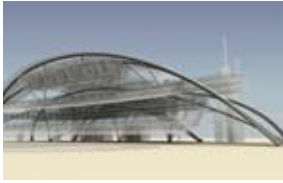
With AutoCAD, you can leverage the capabilities and increased performance of Quadro professional-class GPUs to incorporate high-quality, fully shaded, 3D models into your work flow.

Why Quadro for AutoCAD?

- Maximize your AutoCAD productivity
- Interact with more complex models
- Visualize product designs with more realism
- Boost your performance

BETTER GRASP OF YOUR DESIGNS

With Quadro professional graphics solutions, you have a powerful way to interact and visualize your AutoCAD designs in record time. Not bounded by a simplified model, you can see your design concepts using a multitude of shaders and textures and visualize them from various depths and varying angles, all in real time. With this ability you can better grasp your designs and quickly move from concept to production.

UNPRECEDENTED PERFORMANCE AND VISUAL QUALITY

Quadro graphics boards deliver up to three times the performance, compared to consumer graphics, when using AutoCAD's 3D Hidden visual style[1] and enables faster manipulation of models in the Conceptual and Realistic visual styles. In addition, Quadro provides significantly higher visual quality in all visual styles with "smooth lines" enabled. You can easily manipulate and orient the fully shaded model without taking a performance hit.

BOOST PRODUCTIVITY WITH MULTIPLE DISPLAYS

Increased screen real estate means increased productivity. And Quadro, with its dual DVI outputs and nView® display management utility, efficiently powers and seamlessly manages multiple displays. Zoom in on any part of the desktop with a single hotkey. Extend your task bar across multiple monitors and have the applications running on a display appear on that display's task bar. Quadro is the key to managing your displays and desktop.

[1] Based on the Autodesk graphics benchmark that is shipped with AutoCAD

Maximize System Uptime

Quadro graphics solutions are engineered, built, and tested by NVIDIA to ensure your system works when you need it, as opposed to consumer cards which are built by many different board manufacturers to varying specifications. Quadro's ultra-low failure rates maximize your uptime, and its extended 24-36 month product life cycle means that you can standardize on a supported system for a longer period. As your business grows, you can add systems without increasing the complexity of your platform environment. This means reduced support costs and fewer IT headaches.

When deadlines loom and crunch time comes, a Quadro graphics board will ensure that your systems are up to the task.

AutoCAD Certified

NVIDIA has invested over eight years of engineering time to provide an optimized Quadro solution for AutoCAD. Each year, NVIDIA and Autodesk together spend over 2,000 engineering hours to test and certify the latest Quadro and AutoCAD solutions. So there is less likelihood of a driver-related software bug interrupting your workflow and causing down time. Not only does Autodesk certify and recommend Quadro for use with AutoCAD, but many of AutoCAD's advanced features won't run optimally without a professional-class GPU like Quadro.

Quadro for AutoCAD is your key to increased design productivity.

Recommended Quadro Solutions for AutoCAD

- **High-End**
  - NVIDIA Quadro FX 3700

- **Mid-Range**
  - NVIDIA Quadro FX 1700

- **Entry-Level**
  - NVIDIA Quadro FX 570
  - NVIDIA Quadro FX 370

- **Mobile**
  - NVIDIA Quadro FX 2500M
  - NVIDIA Quadro FX 1600M
  - NVIDIA Quadro FX 1500M
  - NVIDIA Quadro FX 570M
  - NVIDIA Quadro FX 360M

For more information, please visit **www.nvidia.com/builtforpros**