

New NVIDIA Quadro 400 Empowers Designers and Engineers With Up to 10 Times Better Performance

Professional Tool for Designers and Engineers With Outstanding Energy Efficiency and Other Key Features Offers Tremendous Value

SANTA CLARA, CA -- NVIDIA announced today the [NVIDIA Quadro® 400](#) graphics processing unit (GPU), a new professional graphics solution that puts the power of the GPU in the hands of designers and engineers.

Built for use with professional applications, such as Autodesk AutoCAD, the NVIDIA Quadro 400 GPU provides up to 5X faster performance over high-end consumer gaming cards. It also gives up to 10X improvement when running industry leading CAD/CAM applications.¹

Priced at just \$169, the Quadro 400 GPU also offers excellent power efficiency, consuming less than 35 watts, and its low-profile footprint means it offers the flexibility to fit into any workstation, including small form-factor systems.

With 512 MB of DDR3 memory, the Quadro 400 processor enables professionals to interact with a wide range of design models. It also provides high visual fidelity, featuring a 30-bit (10-bits per color) color engine with a dynamic range of over one billion color variations. Quadro 400 drivers are optimized and certified on leading professional applications.

"Designers and engineers, whether designing the largest assemblies or smallest components, rely on Quadro," said Jeff Brown, general manager, Professional Solutions Group, NVIDIA. "The Quadro 400 is the right tool to help ensure that job gets done the right way, especially when it comes to running professional apps like Autodesk AutoCAD."

Additional features of the new Quadro 400 GPU include:

- Unified Driver Architecture - Guarantees forward and backward compatibility with professional application software drivers, and simplifies upgrading to a new solution.
- Hardware 3D Window Clipping - Accelerated clip regions enable faster data transfer between a window and the frame buffer to improve overall graphics performance.
- High-Quality Display Connectivity - Drives ultra-high-resolution panels, producing phenomenal image quality, supporting two active connectors, including dual-link DVI with up to 3840 x 2400 resolution @ 24Hz on each panel, and DisplayPort (DP) with up to 2560 x 1600 resolution.
- [NVIDIA® Mosaic™ Technology](#) - Enhances workspace across up to eight displays (using one card per two displays), enabling seamless taskbar spanning, as well as transparent scaling of any application. Works over multiple displays or a single high-resolution display, and with [NVIDIA nView® desktop management software](#).

The NVIDIA Quadro 400 processor also supports [NVIDIA 3D Vision™](#) and [3D Vision Pro](#) active shutter glasses 3D technology that delivers crystal-clear, stereoscopic 3D visualization for the most immersive 3D experience, ranging from desktop workstations to collaborative work spaces.

Designed, Built and Engineered by NVIDIA to the Highest Standards of Quality

As with all Quadro professional graphics cards, the Quadro 400 is designed, built and warranted by NVIDIA to provide industry-leading performance and reliability when running professional applications. Companies consistently certify Quadro professional graphics solutions for their users whose livelihoods depend on them.

Availability and Pricing

The Quadro 400 (\$169 MSRP, USD) is available immediately for the [HP Z800](#), [Z600](#), and [Z400 Workstations](#), and for all [Fujitsu CELSIUS](#) workstations. It will be available later this month and next on select [Lenovo ThinkStation D20](#), [C20](#), [S20](#) and [E30](#) models. It's also available from NVIDIA Quadro channel partners including [PNY Technologies](#) in North America and Europe, [ELSA](#) in Japan, and [Leadtek](#) in Asia Pacific.

For more information about NVIDIA Quadro Professional Graphics Solutions, please visit www.nvidia.com/quadro.

Follow NVIDIA Quadro on [YouTube](#) and Twitter: [@NVIDIAQuadro](#).

About NVIDIA

NVIDIA (NASDAQ: NVDA) awakened the world to the power of computer graphics when it invented the GPU in 1999. Since then, it has consistently set new standards in visual computing with breathtaking, interactive graphics available on devices ranging from tablets and portable media players to notebooks and workstations. NVIDIA's expertise in programmable GPUs has led to breakthroughs in parallel processing which make supercomputing inexpensive and widely accessible. The Company holds more than 1,800 patents worldwide, including ones covering designs and insights that are essential to modern computing. For more information, see www.nvidia.com.

¹5X performance gain based on Pro/Engineer score in the SPEC Viewperf 11 benchmark test compared to a GeForce GTX 580 running on a standard industry workstation (Core i7 965 3.2GHz, X58 motherboard, 6GB RAM, Win7-64, 265.81 drivers). 10X performance gain based on SPEC Viewperf 10 compared to Intel Sandy Bridge CPU-equipped system (2GHz, 4GB, Win7-64). SPEC® and the benchmark name SPECviewperf® are registered trademarks of the Standard Performance Evaluation Corporation. Competitive benchmark results stated above reflect results published on www.spec.org as of 12/8/2010. For the latest SPECviewperf® benchmark results, visit www.spec.org/gwpg.

Certain statements in this press release including, but not limited to statements as to: the benefits, features, pricing, availability and impact of NVIDIA GPUs and NVIDIA Quadro graphics; the benefits and impact of NVIDIA 3D Vision and 3D Vision Pro active shutter glasses 3D technology; and the effects of the company's patents on modern computing are forward-looking statements that are subject to risks and uncertainties that could cause results to be materially different than expectations. Important factors that could cause actual results to differ materially include: global economic conditions; our reliance on third parties to manufacture, assemble, package and test our products; the impact of technological development and competition; development of new products and technologies or enhancements to our existing product and technologies; market acceptance of our products or our partners products; design, manufacturing or software defects;

changes in consumer preferences or demands; changes in industry standards and interfaces; unexpected loss of performance of our products or technologies when integrated into systems; as well as other factors detailed from time to time in the reports NVIDIA files with the Securities and Exchange Commission, or SEC, including its Form 10-K for the fiscal year ended January 30, 2011. Copies of reports filed with the SEC are posted on the company's website and are available from NVIDIA without charge. These forward-looking statements are not guarantees of future performance and speak only as of the date hereof, and, except as required by law, NVIDIA disclaims any obligation to update these forward-looking statements to reflect future events or circumstances.

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About NVIDIA

Since 1993, [NVIDIA](#) (NASDAQ : NVDA) has pioneered the art and science of [visual computing](#). The company's technologies are transforming a world of displays into a world of interactive discovery — for everyone from gamers to scientists, and consumers to enterprise customers. More information at <http://nvidianews.nvidia.com/> and <http://blogs.nvidia.com/>.

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