



NVIDIA Introduces GeForce GTX TITAN: DNA of the World's Fastest Supercomputer, Powered by World's Fastest GPU

SANTA CLARA, CA -- NVIDIA today introduced the new GeForce® GTX™ TITAN, powered by the fastest GPU on the planet(1) and designed to unleash the world's fastest gaming PCs including personal gaming supercomputers and svelte, quiet, small form-factor PCs.

"GeForce GTX TITAN is a beast of a GPU -- and the only one in the world powerful enough to play any game at any resolution at any time," said Scott Herkelman, general manager of the GeForce business unit at NVIDIA. "And yet, all of this immense power is housed in a sleek, sexy design, so gamers can also build beautifully-designed PC gaming machines about the size of a gaming console, yet magnitudes more powerful and always upgradeable."

GTX TITAN is built with the same NVIDIA [Kepler™ architecture](#) that powers Oak Ridge National Laboratory's newly launched [Titan supercomputer](#), which is number 1 in the list of the Top500 supercomputers in the world.

By harnessing the power of 3 GeForce GTX TITAN GPUs simultaneously in 3-way SLI® mode, gamers can max out every visual setting without fear of a meltdown while playing any of the most demanding PC gaming titles.

Designed with unsurpassed craftsmanship, GeForce GTX TITAN features an array of innovative technologies complemented by sleek materials that contribute to the exotic design of the card, including a high-quality exterior aluminum frame and high efficiency vapor chamber cooling. Overall, GeForce GTX TITAN's aesthetic design evokes the spirit of a supercomputer and the enormous capability within: a blistering-fast GPU and astonishing graphics horsepower that is delivered with the power efficiency that only Kepler-class GPUs can provide.

With its advanced thermal and acoustic characteristics, GeForce GTX TITAN is also perfect for powering the new wave of small form-factor gaming PCs. So gamers no longer have to make the choice between performance and size -- they can have both at the same time.

"GeForce GTX TITAN will allow us to create the nearly-impossible product our customers have wanted for years: a ridiculously fast, tiny system that you barely know is running," said Kelt Reeves, CEO of Falcon Northwest.

The GeForce GTX TITAN:

- Contains 7 billion transistors
- Has 2,668 GPU cores -- 75% more than the Company's NVIDIA GeForce GTX 680 GPU
- Delivers 4.5 Teraflops of single precision and 1.3 Teraflops of double precision processing power
- Supports new GPU Boost™ 2.0 technology which automatically boosts graphics performance and supports unlocked voltage and advanced controls for even more gaming control and overclocking customization
- Can be combined with additional GTX TITANs in SLI mode for even more performance

The GeForce GTX TITAN GPU will be available starting on February 25, 2013 from NVIDIA's add-in card partners, including ASUS and EVGA in North America, and additional partners, including Colorful, Galaxy, Gigabyte, INNO 3D, MSI, Palit and Zotac outside the US. Partner participation will vary by region. Pricing is expected to start at \$999 USD.

GeForce GTX TITAN will also be sold in fully configured systems from leading U.S.-based system builders, including AVADirect, Cyberpower, Digital Storm, Falcon Northwest, Geekbox, IBUYPOWER, Maingear, Origin PC, Puget Systems, V3 Gaming, Velocity Micro, and other system integrators outside North America.

For more information on how GeForce GTX GPUs are dramatically changing the way games are played, visit www.geforce.com. For more NVIDIA news, company and product information, videos, images and other information, visit the [NVIDIA newsroom](#). The [NVIDIA Flickr page](#) hosts the entire lineup of GeForce product photos.

About NVIDIA

[NVIDIA](#) (NASDAQ: NVDA) awakened the world to computer graphics when it invented the [GPU](#) in 1999. Today, its [processors](#) power a broad range of products from [smartphones](#) to [supercomputers](#). NVIDIA's [mobile processors](#) are used in [cell phones](#), [tablets](#) and [auto infotainment systems](#). [PC gamers](#) rely on GPUs to enjoy spectacularly immersive worlds. Professionals use them to create [3D graphics](#) and visual effects in movies and to design everything from golf clubs to jumbo jets. And researchers utilize GPUs to advance the frontiers of science with [high performance computing](#). The company has more than 5,000 patents issued, allowed or filed, including ones covering ideas essential to modern computing. For more information, see www.nvidia.com.

(1) Based on the results of testing a dozen games and benchmarks testing GTX TITAN against other single GPU products including GTX 680 and HD 7970. GTX TITAN is faster in all twelve tests ranging from 21 percent to 117 percent. All games and benchmarks were tested at a resolution of 2560x1600 with 4xAA/16xAF settings.

Certain statements in this press release including, but not limited to, statements as to: the impact, benefits, availability and pricing of GeForce GTX TITAN GPUs; 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-Q for the fiscal period ended October 28, 2012. 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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Additional Partner Quotes

"The GeForce GTX TITAN is one of the most impressive pieces of hardware we have ever seen. It is delivering pure power and ultimate gaming performance whilst still being quieter than any other high end graphic card. Three of these in one system allows us to build one of the world's fastest PCs."

-- Michael Timm, VGA Product Manager, Alternate

"We at Inet strive to produce the most powerful and competitive gaming computers in the world. The GeForce GTX TITAN allows us to create a new monster gaming PC based on super computer technology, the new TAURUS TITAN 3-way SLI PC will become one of the world's fastest PCs!"

-- Jonas Järvsén, Product Manager, Inet

"Here at Komplett we always strive for the fastest gaming systems in order to meet our customers' high demands. The GeForce GTX TITAN is the fastest GPU we have ever seen, and will allow us to build the world's fastest gaming systems that will blow our customers away!"

-- Paal Fredrik Berg, Product Manager, Komplett PC

"The GeForce GTX Titan stands on its own and counts itself amongst the elite, paradigm-shifting graphics hardware of the modern era. It is the most badass, dominating GPU of recent memory. Every now and then we get the chance to experience hardware that brings shifts in performance and capabilities in a visceral and astounding manner. The NVIDIA GeForce GTX Titan is one of the few and the memorable that perfectly complements our award-winning stable of high performance gaming PCs to offer an untouchable level of gaming performance."

-- Wallace Santos, CEO and founder, MAINGEAR

"GeForce GTX TITAN is the fastest single GPU card we have ever seen, and for the first time, we can allow our customers to harness the power of a real supercomputer inside their gaming PC."

-- Sylvain Montaletang, VGA Product Manager, MATERIEL.NET

"The GeForce GTX TITAN graphics card is a work of art, where the sum of the whole is greater! The supercomputer technology delivers unrivalled performance. What amazed us at Scan Computers was the fact it is cool and quiet enough to be run inside small form-factor PCs and when you put three together, it allows us to create one of the world's fastest Dream PCs."

-- Elan Raja III, Director, Scan Computers

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