



EVGA GeForce GTX TITAN Z

Part Number: **12G-P4-3990-KR**



GeForce GTX TITAN Z is a gaming monster, built to power the most extreme gaming rigs on the planet. With a massive 5760 cores, 12 GB of 7 Gbps GDDR5 memory, and the most advanced power delivery system, GTX TITAN Z offers truly insane performance. It's easily the fastest graphics card we've ever made. GTX TITAN Z is designed with the highest-grade components to deliver the best experience – incredible speed and cool, quiet performance—all in a stunningly crafted aluminum case. The groundbreaking dual-GPU GTX TITAN Z uses new dynamic power balancing technology that ensures peak performance across two GPUs with optimal power delivery. This means you can game on multi-monitor displays and hyper PCs at high setting and super-fast frame rates. With support for NVIDIA SLI®, you can even add a second card and immerse yourself in graphically intense games like Watch Dogs® in full 4K Surround.

SPECIFICATIONS

- Base Clock: 705 MHz
- Boost Clock: 876 MHz
- Memory Clock: 7000 MHz Effective
- CUDA Cores: 5760
- Bus Type: PCI-E 3.0
- Memory Detail: 12288MB GDDR5
- Memory Bit Width: 768 Bit
- Memory Speed: 0.28ns
- Memory Bandwidth: 672 GB/s

DIMENSIONS

- Height: 4.376in - 111.15mm
- Length: 10.5in - 266.7mm



KEY FEATURES

- NVIDIA PhysX technology
- NVIDIA SLI Ready
- NVIDIA SMX Engine
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA Surround
- Supports four concurrent displays
- Microsoft DirectX 12 API (feature level 11_0) Support
- NVIDIA 3D Vision Ready***
- NVIDIA CUDA Technology
- PCI Express 3.0 Support
- OpenGL 4.4 Support
- OpenCL Support
- NVIDIA FXAA Technology
- NVIDIA TXAA Technology
- NVIDIA PureVideo HD Technology

REQUIREMENTS

- 700 Watt or greater power supply with a minimum of 42 Amp on the +12 volt rail.****
- PCI Express, PCI Express 2.0 or PCI Express 3.0 compliant motherboard with one graphics slot.
- An available 6-pin PCI-E power connector and an available 8 pin PCI-E power connector
- Windows 8 32/64bit, Windows 7 32/64bit, Windows Vista 32/64bit, Windows XP 32/64bit

*DVI-D = Digital Only. Please do not connect to "DVI to VGA" adapter.

**Support for HDMI includes GPU-accelerated Blu-ray 3D support (Blu-ray 3D playback requires the purchase of a compatible software player from CyberLink, ArcSoft, Corel, or Sonic), x.v.Color, HDMI Deep Color, and 7.1 digital surround sound. Upgrade your GPU to full 3D capability with NVIDIA 3DTV Play software, enabling 3D gaming, picture viewing, and 3D web video streaming.

***NVIDIA 3D Vision and Surround require 3D Vision glasses and 3D Vision-ready displays. See www.nvidia.com/get3d for more information

****Minimum system power requirement based on a PC configured with an Intel Core i7 3.2GHz processor.



EVGA Precision X

Designed from the ground up to support new GPU technology, EVGA Precision X redefines what overclocking software should be. www.evga.com/precision



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PRODUCT WARRANTY

This product is covered under EVGA's 3 year warranty which covers parts and labor. Further warranty extension is available upon registration within 30 days of purchase. For more details please visit www.evga.com/warranty

