



GTX TITAN Z

msi Graphics Card



All Solid Capacitors

- 10 years long lifetime under full load.
- Lower temperature and higher efficiency.
- Aluminum core for higher stability.



Afterburner Overclocking Utility

- Wireless control through Android/iOS devices.
- Predator: In-game video recording.
- Kombustor: built-in DX11 benchmark.
- Supports multi-GPU setups



GPU Boost 2.0 Technology

- Ensures the GPU runs at its peak performance and games at their highest frame rate possible.
- Offer new levels of customization including GPU temperature target, overclocking, and unlocked voltage



3DVision Surround

- Supports 3 displays in full stereoscopic 3D with a single card.
- Supports up to 4 displays with a single card



Product Specification	
MKT name	NTITAN Z 12GD5
GPU	NVIDIA GeForce GTX TITAN Z
Codename	GK 110B
Processors	5760 Units
Core Clock	Base: 705 MHz Boost: 876 MHz
Memory Clock	7000 MHz
Memory Size	12GB GDDR5
Memory Bus	768 (384*2) bits
Outputs	DisplayPort / HDMI / DL-DVI-D / DL-DVI-I
Power Consumption	375W
Card Dimension (mm)/Weight (g)	269x111x53/ 1364
Form Factor	ATX

Technology Support	
Afterburner OC	GPU
DirectX	12 API (feature_set 11_0)
OpenGL	4.4
Multi-GPU Technology	QUAD-SLI
Multi-Display Technology	Surround
3D Technology	3DVision
Power Saving Tech.	GPU Boost 2.0
HDCP Capable	Y
Accessory	
Driver CD	Y
Installation Guide	Y
DVI to D-Sub Dongle	N/A
Power Cable	8pin*2