

## Build a Gaming Monster!!

### ASUS Exclusive Innovations

- **ASUS GPU Tweak with online streaming**

#### Real-time and intuitive tweaking

GPU Tweak helps you modify clock speeds, voltages, fan performance and more, all via an intuitive interface. What's more, a simple online-streaming function lets you share gameplay live – so people can watch as you play!



- **Gigantic 12GB GDDR5 Memory**

On-board memory for the best gaming experience & the best resolution

**12<sup>DDR5</sup>GB**  
Memory

- **NVIDIA® GPU Boost 2.0**

Technology for intelligent monitoring of clock speed, ensuring that the GPU runs at its peak and the game is at its highest frame rate possible. It offers new levels of customization, including GPU temperature target, overclocking, and unlocked voltage.



**GPU Boost 2.0**

## ASUS Features

**12** <sup>DDR5</sup> **GB**  
Memory

### ● Gigantic 12GB GDDR5 Memory:

On-board memory for the best gaming experience & the best resolution

## I/O Specifications



## Graphics GPU Features

### ● NVIDIA® GPU Boost 2.0

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GPU Boost 2.0

### ● NVIDIA® Adaptive V-Sync :

NVIDIA Adaptive Vertical Sync adjusts VSync to current frame rates for maximum playability



Adaptive V-Sync

### ● NVIDIA® PhysX® ready:

Dynamic visual effects like blazing explosions, reactive debris, realistic water, and lifelike characters.



### ● SLI Support:

Multi-GPU technology for extreme performance



### ● NVIDIA® 3D Vision™ Surround Ready:

Bring games to life with NVIDIA® Surround™ multi-monitor gaming on a single card



### ● PCIe 3.0:

Delivers double the bandwidth per lane of PCIe Gen 2 for faster GPU – CPU communication



## Hardware Specification

Model	GTXTITANZ-12GD5
Graphics Engine	NVIDIA® GeForce® GTX TITAN Z
Bus Standard	PCI Express® 3.0
OpenGL	OpenGL® 4.4
Video Memory	12GB GDDR5
GPU boost Clock	876 MHz
GPU base Clock	705 MHz
CUDA cores	5760
Memory Clock	7000 MHz (GDDR5)
Memory Interface	768 bit
DVI Output	1x Native Dual-link DVI-I 1x Native Dual-link DVI-D
HDMI Output	1x Native HDMI
HDCP compliant	YES
DisplayPort	1x Native DisplayPort 1.2
Adapter/Cable Bundled	1x Power Cable 1x DVI to D-Sub Adapter 1x SLI Bridge
Software Bundled	ASUS GPU Tweak & Driver
Dimension	The card size is 270*111.31*61.67 MM
Note	<ul style="list-style-type: none"> <li>To have the best cooling performance, ASUS GTXTITAN Z extends the fansink to 3 slots. Please double check you Chassis and Motherboard dimension prior to purchase to make sure it fits in your system!</li> <li>Note that the actual boost clock will vary depending on actual system conditions. For more information, please visit <a href="http://www.geforce.com/">http://www.geforce.com/</a></li> </ul>

- Specifications are subject to change without notice.
- PCB color and bundled software versions are change without notice.
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