

## BUILT FOR NON-STOP GAMING ACTION

### ASUS Exclusive Innovations

#### ■ **Game Longer- Guaranteed!**

We test each and every card to the max, starting with extensive checks for compatibility with the very latest chart-topping game titles. We also carry out reliability trials that include a 144-hour diskless-system test and 3DMark benchmarking under heavy loading for 15X longer than industry standards.



#### ■ **Strong and Sturdy**

Cerberus GeForce GTX 1050 Ti is engineered with a strong backplate to both protect the sensitive components on the rear side of the card and provide reinforcement for the circuit board. This backplate is accented with striking red lines — as an outward mark of Cerberus's role as a powerful guardian.

#### ■ **AUTO-EXTREME TECHNOLOGY**

An industry-only, 100% automated production process that incorporates Super Alloy Power II components for premium quality and best reliability.



## ASUS Features

**OC**  
Edition

- **OC edition:**  
OC-selected 1455MHz core – 63 higher than reference for smoother gameplay.

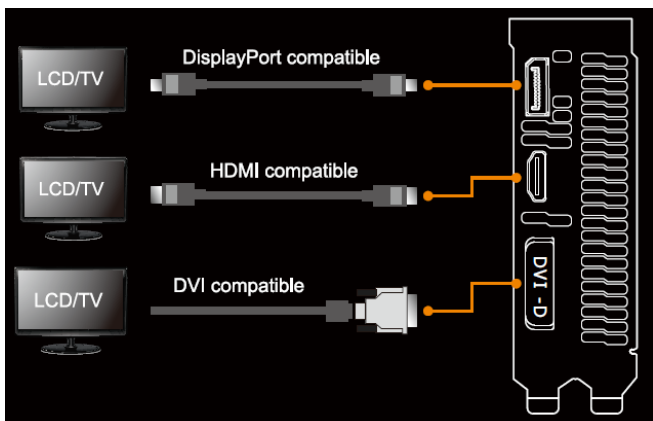
**4GB**  
Memory

- **Gigantic 4GB GDDR5 Memory:**  
On-board memory for the best gaming experience & the best resolution

**Unplugged**  
only motherboard power needed

- **Unplugged:**  
Unplugged benefits graphics card to upgrade using only motherboard power.

## I/O Specifications



## Graphics GPU Features

  
**GPU Boost**

- **NVIDIA® GPU Boost 3.0**  
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.

  
**Adaptive V-Sync**

- **NVIDIA® Adaptive V-Sync :**  
NVIDIA Adaptive Vertical Sync adjusts V-Sync to current frame rates for maximum playability

  
**PhysX<sup>®</sup> by NVIDIA**

- **NVIDIA® PhysX® ready:**  
Dynamic visual effects like blazing explosions, reactive debris, realistic water, and lifelike characters.

  
**NVIDIA 3D VISION READY**

- **NVIDIA® 3D Vision™ Surround Ready:**  
Bring games to life with NVIDIA® Surround™ multi-monitor gaming on a single card

**PCIe 3.0**  
2X Data Bandwidth

- **PCIe 3.0:**  
Delivers double the bandwidth per lane of PCIe Gen 2 for faster GPU – CPU communication

## Hardware Specification

Model	CERBERUS-GTX1050TI-O4G
Graphics Engine	NVIDIA® GeForce® GTX1050 TI
Bus Standard	PCI Express® 3.0
OpenGL	OpenGL® 4.5
Video Memory	4GB GDDR5
GPU boost Clock	OC mode:1480 MHz Gaming moed:1455 MHz
GPU base Clock	OC mode:1366 MHz Gaming moed:1341 MHz
CUDA cores	768
Memory Clock	7008 MHz
Memory Interface	128 bit
Digital MAX Resolution	7680x4320
DVI Output	1x Native DVI-D
HDMI Output	1x Native HDMI 2.0
HDCP compliant	YES
DisplayPort	1x Native DisplayPort 1.4
Power connectors	No
Software Bundled	ASUS GPU Tweak II & Driver
Dimension	The card size is 20.3*11.5*3.8 cm The card size is 8.0*4.5*1.5 inches
Note	<ul style="list-style-type: none"> <li>● To have the best cooling performance, ASUS CERBERUS-GTX1050TI-O4G extends the fansink to 2 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> <li>● Specifications are subject to change without notice.</li> <li>● PCB color and bundled software versions are change without notice.</li> <li>● Brand and product names mentioned are</li> </ul>

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