GIGABYTE™

CHALLENGE YOUR LIMITS

GV-N105TOC-4GL

Sales Kit

XTREME GAMING

GeForce® GTX 1050 Ti OC Low Profile 4G

GV-N105TOC-4GL

Features

Powered by GeForce® GTX 1050 Ti
Integrated with 4GB GDDR5 128bit memory
Low profile design with 167mm card length
Supports up to 4 displays

Core Clock

Boost: 1442 MHz/ Base: 1328 MHz in OC Mode
Boost: 1417 MHz/ Base: 1303 MHz in Gaming

OC EDITION

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Cooling

- GIGABYTE Custom-designed 50mm Cooler

Outlook

- Low profile design
- 167mm card length

Performance

- One-click super overclocking
- Support up to 4 display

Durability

- Ultra durable components

Friendly

- Intuitive XTREME Engine
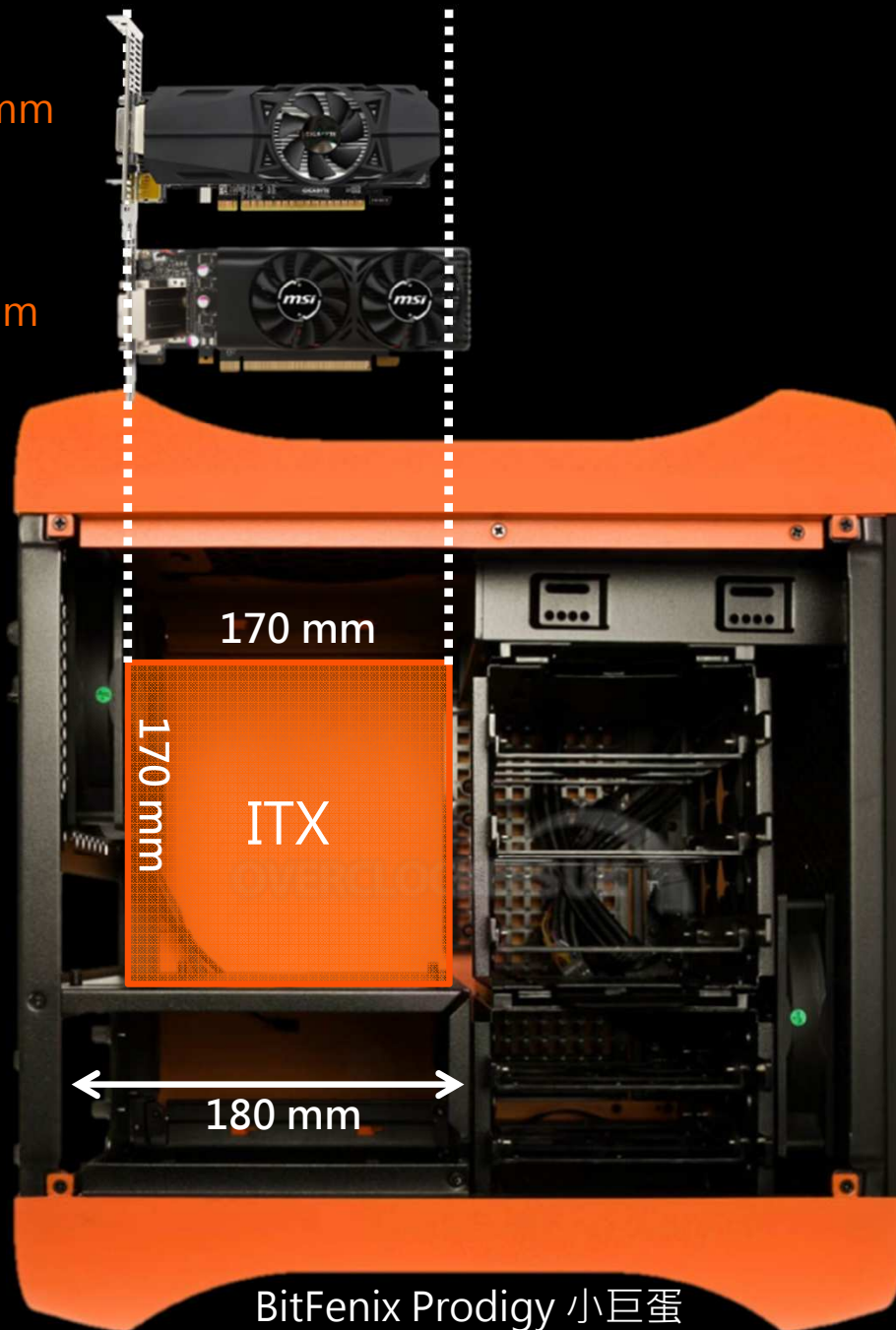
Outlook

Low Profile Design
Low profile design with 167mm card length saves more spaces and fits slim or smaller system.

167 mm

GIGABYTE (L)167 (W)68.9 (H)37mm

MSI (L)182 (W)69 (H)35 mm

170 mm

170 mm

ITX

180 mm

BitFenix Prodigy 小巨蛋

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Performance

One-click Super overclocking

With a simple click on XTREME engine utility, gamers can easily tune the card to meet their various gaming requirements without any overclocking knowledge, while saving the hassle of manual adjustment.

Performance

Flexible Connectivity
Equip with one Dual-link DVI-D, one DP, and two HDMI ports and support up to 4 displays.

Durability

Ultra Cooling
Lower RDS(on) MOSFETs are specially designed to produce lower switching resistance for faster electric current charging and discharging at extremely low temperature.

Low Power Loss
Metal Choke hold energy much longer than common iron-core chokes at high frequency, thus effectively reduce core energy loss and EMI interference.

Longer Life
Lower ESR Solid Capacitors ensure better electronic conductivity for excellent system performance and longer lifespan.

Intuitive XTREME Engine Utility

Clock speeds, voltage, fan performance, and power target can be monitored and tuned in real-time according to your own preference through this intuitive interface.
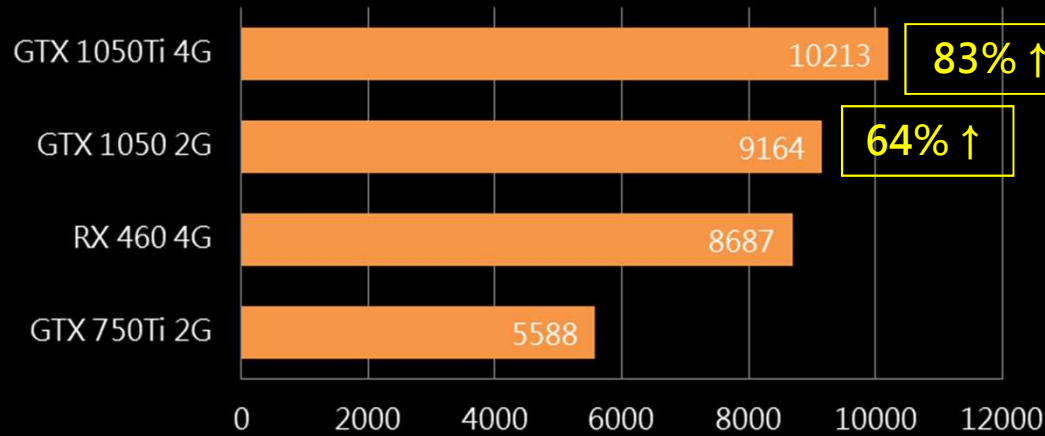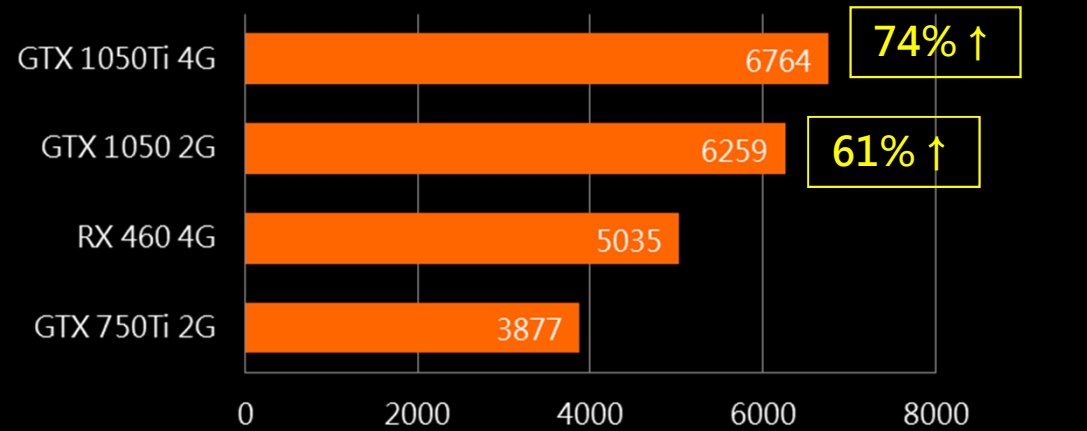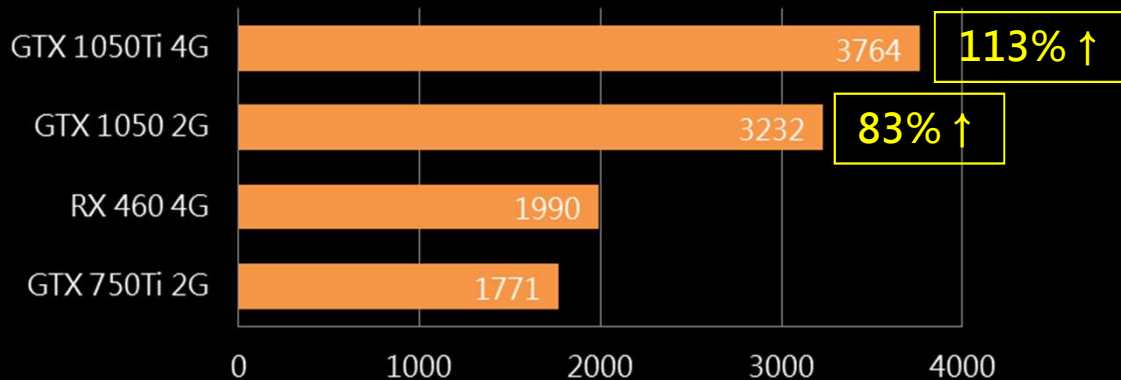
3D Mark

3D Mark 2011

P Score — Relative to 750Ti

Card	Score	Relative
GTX 1050Ti 4G	10213	83% ↑
GTX 1050 2G	9164	64% ↑
RX 460 4G	8687	
GTX 750Ti 2G	5588	

X Score

Card	Score	Relative
GTX 1050Ti 4G	3764	113% ↑
GTX 1050 2G	3232	83% ↑
RX 460 4G	1990	
GTX 750Ti 2G	1771	

3D Mark 2013

Fire Strike — Relative to 750Ti

Card	Score	Relative
GTX 1050Ti 4G	6764	74% ↑
GTX 1050 2G	6259	61% ↑
RX 460 4G	5035	
GTX 750Ti 2G	3877	

Fire Strike Extreme

Card	Score	Relative
GTX 1050Ti 4G	3640	92% ↑
GTX 1050 2G	3206	70% ↑
RX 460 4G	2414	
GTX 750Ti 2G	1891	

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Game Performance

1050Ti = **1.8X** 750Ti
1050 = **1.5X** 750Ti

PERFORMANCE

The GeForce GTX 1050 delivers significantly better speed and power efficiency than previous-generation cards.

Overwatch

Gears of War 4

Grand Theft Auto V

| 0 | 1X | 2X |

Relative Performance

GeForce GTX 750 Ti   GeForce GTX 1050   GeForce GTX 1050 Ti

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Performance	
Graphics Processing	NVIDIA GeForce GTX 1050 Ti
Core Clock	Boost: 1442 MHz/ Base: 1328 MHz in OC Mode
	Boost: 1417 MHz/ Base: 1303 MHz in Gaming

Memory	
Memory Clock	7008 MHz
Memory Size	4 GB
Memory Type	GDDR5
Memory Bus	128 bit

Interface	
Card Bus	PCI-E 3.0 x16
Output	Dual-link DVI-D *1
	HDMI-2.0b*2 (Max Resolution: 4096x2160 @60 Hz)
	Display Port-1.4 *1 (Max Resolution: 7680x4320 @60 Hz)

Display Resolution	
Max Digital Resolution	7680x4320
Multi-view/ Max Display	4

Dimension	
Card size	H=37 L=167 W=68.9 mm
PCB Form	Low Profile

Support	
DirectX Support	DirectX 12
OpenGL Support	OpenGL 4.5

Requirements	
Recommended PSU	300W
Power Connectors	none

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