



GF63 9RCX Sales Kit

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NB PM
July 2018



SOME ARE PC, WE ARE GAMING

TRUE GAMING



GF63

THIN BEZEL GAMING

The Audience: Same Gaming, Different Atmospheres



Gamer



Performance First

Laptop is the weapon to win the game

The Balance of Power & Lifestyle

*Laptop is used for enjoying the life.
Of course, including gaming.*

The Audience: Same Gaming, Different Atmospheres



GL
Series



GF
Series

Performance First

Laptop is the weapon to win the game

The Balance of Power & Lifestyle

Laptop is used for enjoying the life.
Of course, including **gaming**.

The Audience: Same Gaming, Different Atmospheres



GF
Series

*More **Stylish**, More **Portable** & The **Long-lasting Battery**.
But Still **Powerful in Gaming**.*

*Only **MSI** Can Fulfill All The Demands for **Different Gamers**.*



Product Image



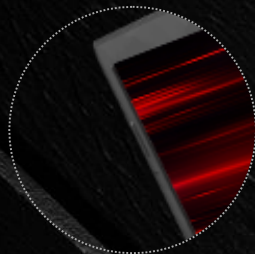
Red Printing Dragon Shield



*Streamlined Elegant Design
mix Gaming Factors*

Note: This is 3D rendering picture and the image might be revised before mass production.

Product Image



4.9mm Ultra-thin Bezel



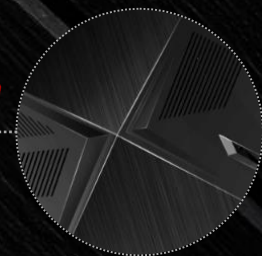
Red Illuminated keyboard



C side Aluminum with Hair-brushed



A side Aluminum with Hair-brushed



Asymmetric design

Note: This is 3D rendering picture and the image might be revised before mass production.



The Ultra-Thin Bezel Design on Gaming



Large View. Carry Small.

GF63 comes with **the world's thinnest 4.9mm display bezel on a gaming laptop**. The design not only maximize the viewing space but also fit the 15.6-inch panel into an even more compact chassis.



Thin bezel

The Dimension Is 10% Smaller Than Other 15.6"

254mm

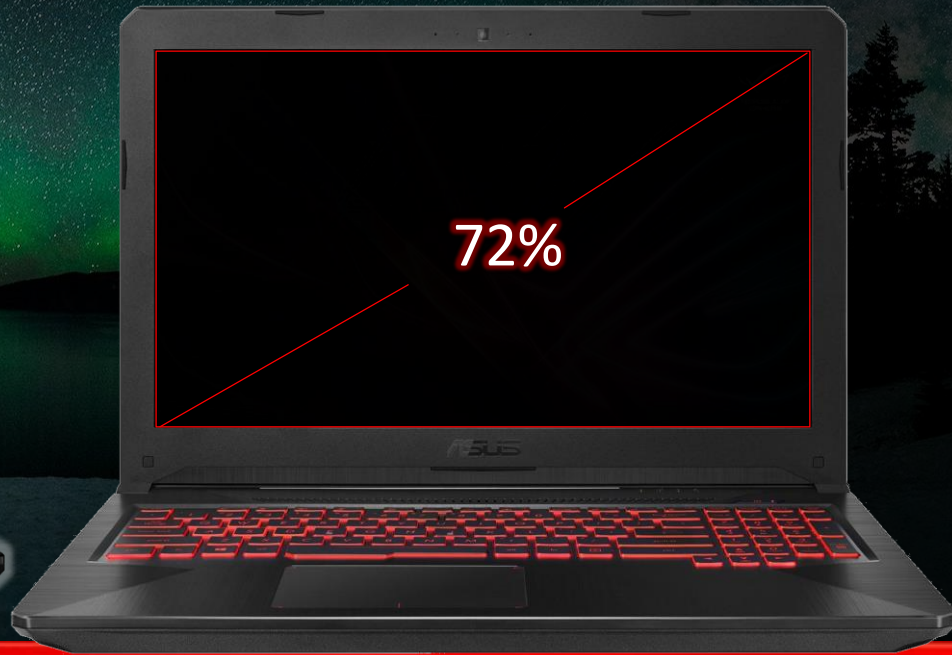
15.6 inch

359mm

262mm

15.6 inch

384mm



Ex-ordinary Battery Life



7 Hour⁺ Battery Life

1.5~2X Longer than Average Gaming Laptops.

MSI GF63



Over 7:00 Hr

Avg. Gaming NB



2.5~4.5 Hr

Test Item	Battery Life
	08:48 (Productivity)
MOBILEMARK 2014	07:15 (Media Creation)

Configuration: i7-8750H + GTX1050 Ti

Condition: Brightness: 150 nits / KB backlit off / WiFi on

"Tested by MobileMark® 2014 standard. Battery life will vary from specifications depending on model, setup configuration, applications used, features utilized and power management settings."

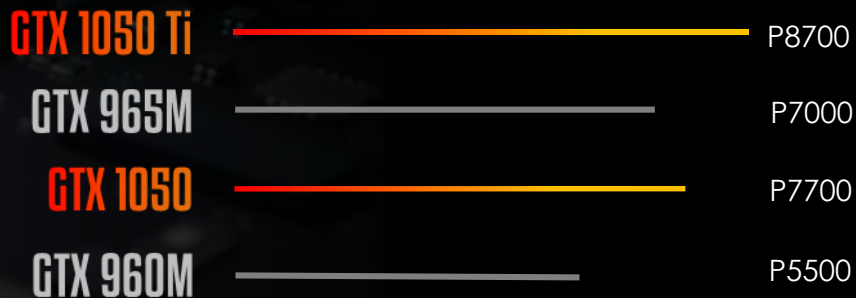




3DMARK[®]

P8700 ⁺ better than GTX 965M by **20%**

Comes with the most advanced NVIDIA Pascal graphics GTX 1050 Ti, offering the fastest and smooth gaming experience.

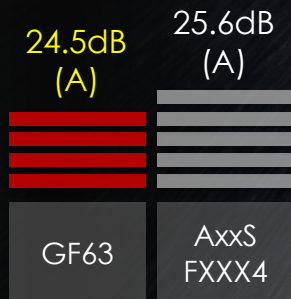


STAY QUIET UNDER LOAD

22%

lower fan noise
under high loading

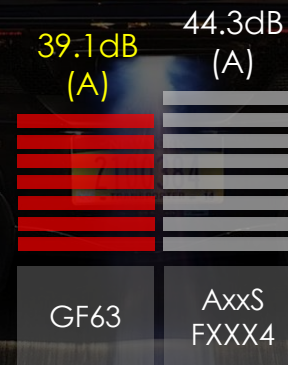
GF63 has been fine-tuned to be noticeably quieter under load, easily blend in to any environment. Not afraid to bring it around with 13%~22% lower noise, and under 40dB sound produce by the fan under load.



4k Movie Play



FurMark



Prime 95

* Noise are measured in dB, lower is better.



Gaming Mode

Get The Gameplay Fancier & Easier.

Gaming Mode provides gamers the fastest way to be the elites in lots of bomb game titles.

WINNER
WINNER

CHICKEN
DINNER

5~7% more fps in **PUBG**

After Gaming Mode Optimization



New Dragon Center with Exclusive Gaming Mode



Gaming Mode

MSI Gaming Mode provides auto-tuning function for the game you are playing with the most suitable visual & audio lighting setting and bringing the best experience!

Installed Games



PUBG

Game On



Uninstalled Games



League of Legends

Overwatch

Free up memory and
prioritize game applications

Launch with auto-tuning for
visual, audio, and lighting

Product Specs



Specification	GF63
CPU	9th Gen Intel® Core™ i5-9300H + HM370
GPU	NVIDIA GeForce GTX 1050 Ti
DISPLAY	15.6" FHD IPS-level (45% NTSC) with Thin Bezel
MEMORY	DDR4-2400/2666 SO-DIMM x2 (Max 32GB)
STORAGE	1 x M.2 SSD Combo slot (NVMe PCIe Gen3/SATA) + 1 x HDD
AUDIO	2 x 2W Speaker
COMMUNICATION	802.11 ac Wi-Fi(1x1) + Bluetooth 5
I/O PORT	1x USB Type-C 3.1, 3 x USB Type-A 3.1, 1x RJ45, 1x HDMI 1.4, 1x Headphone-out, 1x Mic-in
POWER/ADAPTER	3 Cell, 51Whr Battery & 120W Adapter
DIMENSION/WEIGHT	359 x 254 x 21.7 mm / 1.86 kg





GF63 Product Feature Highlights

MSI GAMING DNA

GTX Level Discrete GPU

GTX 1050 Ti & GTX 1050 with Cooler Boost Tech

Crossover Design: **Gaming x Premium**

Brand New Atmosphere to Enjoy Game & Life
(A/C cover material: Metal)

Add-on Product Features

Thin Bezel with IPS-Level Panel

4.9 mm Thin Bezel, Makes It Embedded in A Size of 14"

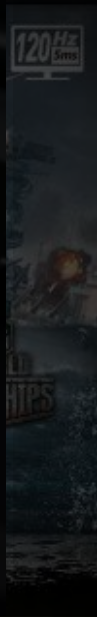
Up to 7.5 Hours Battery Life for Productivity

* The battery life is simulated by engineers and may be changed before MP.

Under **2KG** Mainstream Gaming

Features a weight of 1.86kg & thickness of 21.7mm

MSI GAMING FEATURE OVERVIEW



 PERFORMANCE

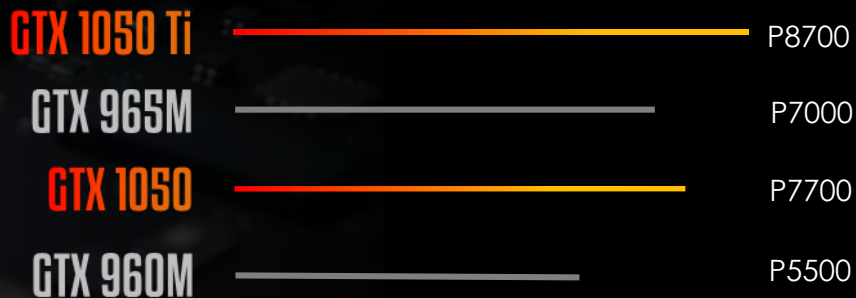




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That's all about speed

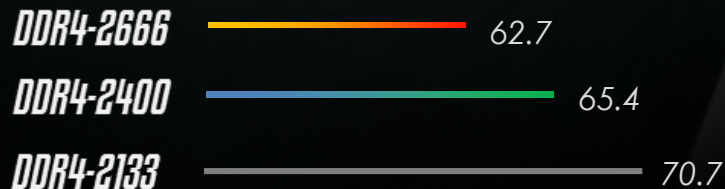


DDR4-2400/2666

Higher Bandwidth for Higher Loading

Technically supports up to **DDR4-2400/2666** which enables faster applications loading and run demanding programs without lag. They shows **7~11%** enhancement compare to DDR4-2133.

Memory Latency: Lower is better.



* DDR4-2666 is optional SKU and the memory speed depends on actual configurations.



 **DDR4**

MSI GAMING FEATURE OVERVIEW



🎵 AUDIO





Surround sound Highly Immersive 7.1

Feels like the sound is coming from all around you. No matter the quality and type of your audio device, Nahimic will always provide you the best immersive audio experience.



Nahimic 3





Speakers
Mute

Effects ON

AUDIO

MUSIC

GAMING

MOVIE

COMMUNICATION



Try



Reset



SURROUND SOUND



Make the sound come from all around you for a better immersion. No matter the quality of your audio device, our technology is made to provide you the best immersive audio experience.

VOLUME STABILIZER



QUIET OFF

Volume is never inaudible or too loud. Quiet mode won't disturb people around you.

VOICES



12 DB



Make them faraway or present (dialogs, choirs, chat, etc.)

BASS



12 DB



Make them punchy or lighter (explosions, engines, beats, bass guitars, etc.)

TREBLE



12 DB



Make them faded or clearer (footsteps, whistles, cymbals, etc.)

SIMPLIFIED CONTROL PANEL

Keeping The Important & Useful Effects on The Interface.



Music



Gaming



Movie



Communication

Nahimic 3

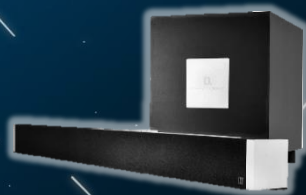


Wider COMPATIBILITY with Various Interfaces

Don't limit yourself play the sound in any audio devices



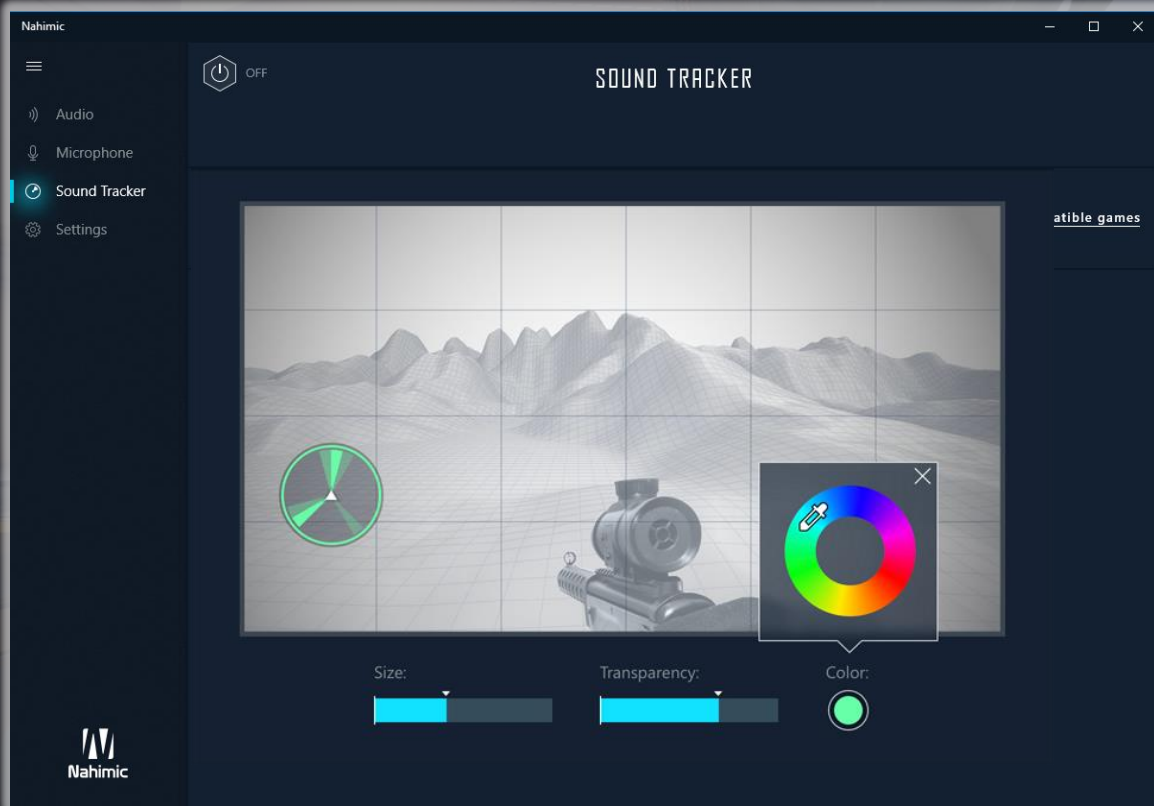
 *USB Headset*



 *HDMI Device*

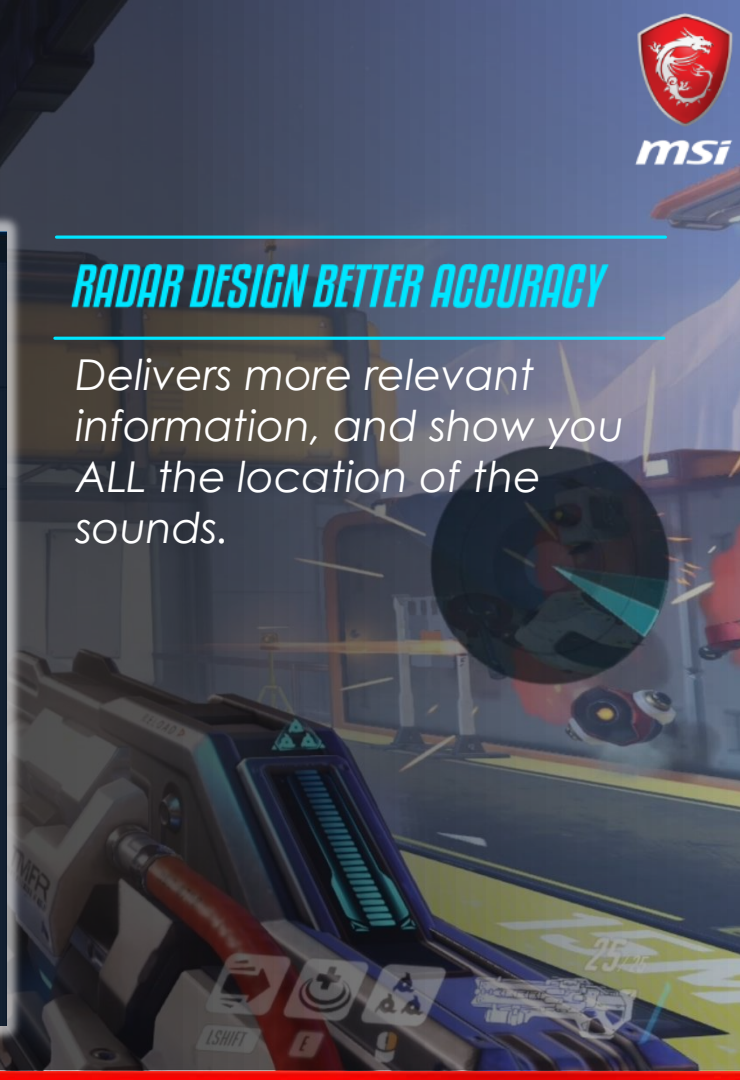


 *BT Headset/
Earphone*



RADAR DESIGN BETTER ACCURACY

Delivers more relevant information, and show you ALL the location of the sounds.



MSI GAMING FEATURE OVERVIEW



msi



CONTROL





Dragon Center 2.0

Now with More to Love.

msi DRAGON CENTER

Current Mode

VR READY GT 70 2PE

CPU

60%

Detail

GPU

60%

Detail

Memory

60%

FREE UP MEMORY

Free up: 2.45GB

Disk

60%

CLEAN UP DISK

Device Information

Intel(R) Core(TM) i7-6820HK CPU @2.70GHz	SSD 0 GB available 50%
NVIDIA GeForce GTX 1070 GDDRS @ 8.0 GB (256-bit)	HDD 200 GB available 50%
RAM 200 GB available	

Loading Status

Power Scheme Balance	Fans 1 1000 RPM
Lan 1200 KB/s	Fans 2 1000 RPM
Wi-Fi 1200 KB/s	Fans 3 1000 RPM

System Monitoring

System Monitoring: What's New?

1. BRAND NEW GUI STYLE

The redesigned high-tech style lets system information be clear at a glance.

2. TRANSPARENT DESIGN LANGUAGE

The new transparent interface, fit for any wallpaper.

3. ONE-CLICK FREE UP MEMORY

Keeps your system at the highest performance and responsiveness when you needed.

4. DEVICE INFORMATION

Displays the device information for specs and storage space.





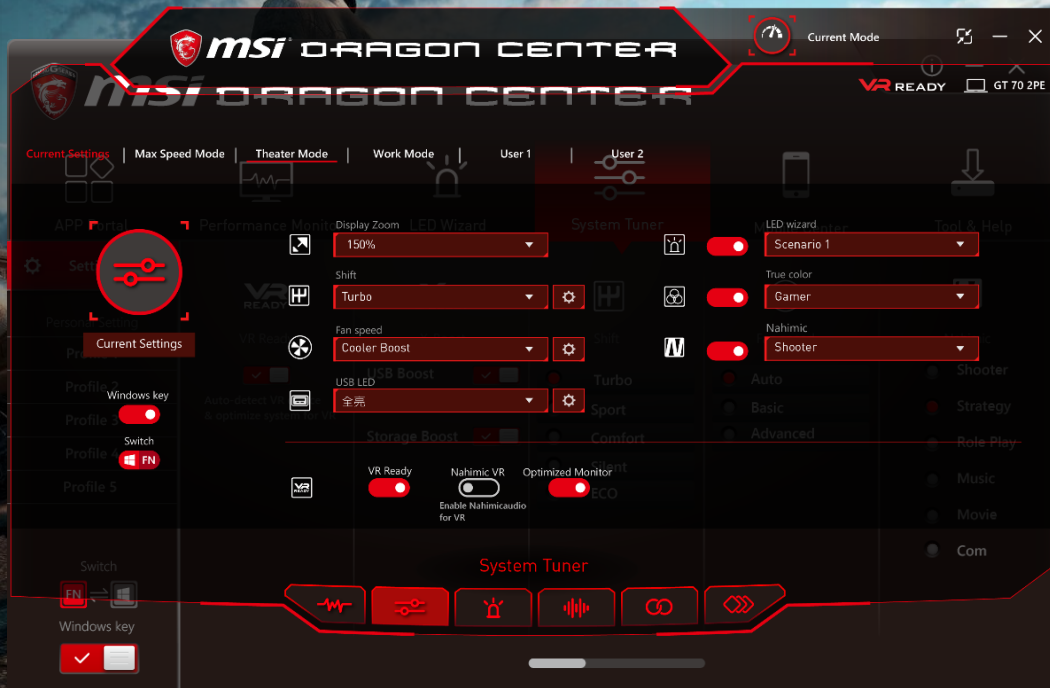
System Tuner: What's New?

1. NEW LAYOUT TO BE MORE CLEAR

Dragon Center 2.0 provides a simpler way to fine-tune the system. By folding the settings to pull-down menus, making the layout cleaner than ever.

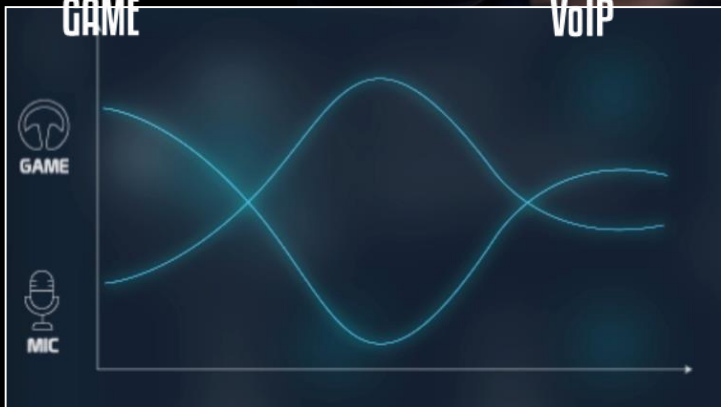
2. PROFILE RECOMMENDATION BY MSI

Not only give profiles for users to customize the system environment, but now we also provide default settings to meet various users scenarios.



VoiceBoost.

Don't Be Loud,
I Can Hear You Clearly.



The screenshot shows the MSI Dragon Center interface. At the top, it says 'msi DRAGON CENTER' and 'Current Settings'. Below that, there's a 'VoiceBoost' toggle switch which is turned on. The main section is titled 'VOIP List' and shows 'Skype' selected in a dropdown menu. A warning icon says 'Please turn on your software first'. To the right, under 'VOIP Setting', there's a 'Volume Ratio' slider set between '60% Game' and '40% VOIP'. At the bottom, there's a 'VoiceBoost' section with several icons: a waveform, a gear, a red dragon logo, a microphone, a volume icon, and a play button.



DISCORD

teamspeak

COMMUNICATION SYSTEM



MSI GAMING FEATURE OVERVIEW



STREAMING





WTFast, a Better Experience for Gamers



Find the best connection from server to server for smooth, lag-free gaming.









msi

Appendix: Product Strengths



	GF63	ASUS FX504	Dell G3 / G5 15	Acer Nitro 5	Lenovo Legion Y530
Thermal	1 Fan + 3 pipes Separate thermal module	2 Fans + 2 Pipes	2 Fans + 2 Pipes	2 Fans + 2 Pipes	2 Fans + 3 Pipes
KB	Single Red backlight	Single Red backlight	Single color backlight	Single Red backlight	Single Red backlight
Chassis	A/C Metal 	All plastic	All plastic	All plastic	All plastic
Panel	15.6" FHD IPS 4.9mm Thin Bezel 	15.6" FHD 60Hz,45% NTSC	15.6" FHD 60Hz 45% NTSC IPS	15.6" FHD 60Hz 45% NTSC IPS	Up to 15.6" FHD 144Hz IPS 6.7 Narrow bezel
Memory	2 x DDR4 slot , Up to 32GB DDR4	2 x DDR4 slot , Up to 32GB	2 x DDR4 slot , Up to 32GB	2 x DDR4 slot , Up to 32GB	2 x DDR4 slot , Up to 32GB
Internet	QUALCOMM QCA8171 Intel Wireless-AC 9462 (1x1) Bluetooth 5.0	Realtek RTL8168/8111 GBE Intel Wireless-AC 9560 (2x2) Bluetooth 5.0	802.11ac WiFi Gigabit Ethernet Bluetooth 5.0	Realtek RTL8168/8111 GBE Qualcomm QCA6174 (1x1) Bluetooth 4.1	Realtek GBE Realtek RTL8822BE (2x2) Bluetooth 4.1
I/O	1 x Type-C USB 3.1 gen.1 3 x Type-A USB 3.1 gen.1 1x RJ45 1 x HDMI	1 x Type A USB2.0 2 x USB 3.1 Gen1 Type A 1 x HDMI	1 x Type-C Thunderbolt 3 3 x Type A USB 3.1 Gen.1 1 x HDMI 1x SD Card reader (XC/HC)	1 x Type-C USB 3.1 Gen.1 1 x Type A USB 3.1 Gen.1 2 x Type A USB 2.0 Gen.1 1 x HDMI 1x SD Card reader (XC/HC)	1 x Type-C USB 3.1 gen.1 3 x Type-A USB 3.1 gen.1 1 x HDMI 1 x DisplayPort
Sound	2 x Stereo speakers Nahimic3 	2 x Stereo speakers	2 x Stereo speakers	2 x Stereo speakers	2 x Stereo speakers Dolby
Power	120W adapter 3 Cells 51Whrs Battery	120W adapter 3 Cells 48 Whrs Battery	130W adapter 4-Cell , 56 Whr Battery	135W adapter 3 Cells 48 Whrs Battery	135W adapter 3 Cells 51 Whrs Battery
Dimensions	359mm x 254mm x 21.7 mm 1.8 kg 	384 x 262 x 25 mm 2.3 kg	389 x 274 x 25 mm 2.6 kg	390 x 266 x 27 mm 2.7 kg	365 x 260 x 23.8~24.1 mm 2.3 kg

What's the "N+1" Winning Point for GF63 ?



Performance

- ❑ Beside no throttle and adequately performance , GF63 is the quietest among all equal level competitors.
- ❑ GF63 is the only separate thermal module for CPU and GPU design in this segment.

Panel Design

- ❑ Narrow bezel designed , with 81% screen body ratio.
- ❑ 15.6 " panel size into a 14" system , easy to carry around while enjoy large panel.

Chassis

- ❑ Metallic elegance: the GF63 is the only metal-chassis product in this segment.
- ❑ Thinness: the GF63 is only 2.1cm in total thickness, the thinnest among all in this segment.
- ❑ Lightness: the GF63 is only 1.8 Kg , the lightest among all competition.

Software

- ❑ Dragon Center with Gaming Mode: complete control of your system.
- ❑ Nahimic 3: realistic sound effects and an immersive audio experience.
- ❑ MSI RGB in Dragon Center, for adjustment of the panel's color gamut, providing better colors than competitor panels in the same segment.



msi®

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