



msi



GF63

THIN BEZEL GAMING



Thin bezel



AI Alloy
Chassis



DRAGON CENTER

GF63 8RD/8RC Datasheet

TRUE GAMING



GF63

- Features -

|| Performance

HEXA-ORDINARY PERFORMANCE 8TH GEN INTEL® CORE™ i7 PROCESSORS

Take a huge leap in performance with the 1st-ever Hexa Core notebook processors! Experience boosted gameplay and faster rendering by up to 40% with the extra cores. The more the merrier!*



DYNAMIC TEMPERATURE / PERFORMANCE BALANCING

The exclusive MSI "SHIFT" technology pushes system to the extreme while minimizing noise and temperature. Switch between different profiles either push your system to the extreme or in the pursuit of longer battery life. Easily activate it by pressing the FN + F7 hotkey combo, or via the Dragon Center.



* SHIFT can be activated by pressing the FN + F7 hotkey combo, or via the Dragon Gaming Center.

DDR4-2666 MEMORY - HIGHER BANDWIDTH FOR HIGHER WORKLOAD

Get the best possible performance out of your notebook with support of the advanced DDR4-2666 memory. With over 40% faster performance than previous gen DDR3, and up to 10% faster than DDR4-2400, it is the new laptop standard to take your extreme gaming experience to the next level.





GF63

- Features -

|| Performance

7+ HOURS BATTERY LIFE, PRODUCTIVITY ON THE GO

GF63 fulfill your diverse portability needs. The new battery design allows up to eight hours of use, giving you uninterrupted productivity and entertainment.

* Tested by MobileMark® 2014 standard. The battery life will vary from specifications and system configuration.



7hrs Battery Life

NVIDIA'S LATEST GEFORCE® GTX 1050 Ti (8RD) / GTX 1050 (8RC) GPU IS READY TO AMAZE YOU ON MSI GAMING NOTEBOOKS

Enjoy 40%+ performance improvement with the latest GTX 1050 Ti/GTX 1050 graphics, effectively boosting the fps count.

*Average performance difference between 10 series and 900 series graphics.



FASTER, SMALLER AND MORE CONVENIENT USB TYPE-C INTERFACE

The SuperSpeed transfer mode supports transferring data up to 5Gbps, around 10X faster than the previous USB 2.0 standard. The USB Type-C port is smaller than the old Type-A port and reversible design makes it more convenient than before. The USB3.1 Gen1 is backwards compatible with USB 2.0.



(optional)

Visuals

THIN BEZEL GAMING LAPTOP, SEE MORE WITH LESS

Maximize the vision with 4.9 mm ultra-thin bezel and a 82% screen-to-body ratio. An upper placed camera makes your streaming shot at the best angle.



Thin bezel

THIN & LIGHT ALUMINUM HAIR-BRUSHED AESTHETICS

Metallic top and keyboard cover paired with an unique X-shaped ventilation hidden underneath.



IPS LEVEL, TRUE-TO-LIFE VIEWING EXPERIENCE

IPS level display takes image clarity to a whole new level with higher pixel resolution. Hence, images are more vivid even from left and right side of the viewing angle. When you're playing games, you will have breathtaking and brilliantly true-to-life viewing experience.



IPS Level Panel

MULTI-TASK WITH UP TO 1 MONITORS

Expand the vision for extreme gaming experience. MSI innovative Matrix Display supports up to 1 external displays simultaneously through 1x HDMI port. Multi-task is made possible even during competitive gameplays. Connect the laptop to HDTV display, Matrix Display supports 4K output with a resolution up to 3840 x 2160. MSI Matrix Display technology creates an ideal environment for extreme gaming experience and pleasant multimedia entertainment. (4K@30Hz)



Matrix Display



🎵 Audio

OUTSTANDING HEADPHONE AUDIO WITH GOLDEN FLASH JACK

The MSI Audio Boost design enhances the output sound detail and sound stage by 30% more. The golden flash audio jack provides stable sound transmission (reduced obstruction) and works in conjunction with the optimized headsets AMP (Audio Power Amplifier) design, with low noise and low distortion characteristics, to greatly enhance headphone performance and faithfully reproduce each acoustic detail.



ALL NEW NAHIMIC 3 - FOR NEXT LEVEL AUDIO IMMERSION

Get ready to be amazed by the all new Nahimic 3 and live the gaming immersion like never before! With simple and intuitive new UI, the Nahimic 3 not only further enhances in game 3D surround sound, but also offers even more finite control over your music, movies, and conference calls.





GF63

- Features -

Control

DRAGON CENTER 2.0 – FREE BUFF FOR YOUR RIG

The redesigned Dragon Center 2.0 takes optimization to a whole new level. Now it not only monitors but also optimizes system performance through various customizable profiles, and freeing up system memories to prioritize in-game performance.



SILVER LINING PRINT

See more and do more in the night with high-grade silver lining printed keys. See the full color spectrum on the SteelSeries multicolor keyboard and enjoy longer lasting keys worry free of long-term wear and tear.





↔ Streaming

WTFast – JUST FASTER THAN THE REST

WTFast is the Gamers Private Network. It is like a global automated army of IT specialists all working together to optimize your game connection from end to end. WTFast reports rich connection stats for your online game, so you can see exactly what is happening with your game connection.

- Built just for MMO gamers
- Reduce average ping
- Greatly reduce connection flux, spikes and packet loss
- MSI Exclusive 2-month premium license

*Please register in below website and download the WTFast software, thank you!

<https://gaming.msi.com/promotion/wtfast>

WTFast



msi

GF63

- Dimension & I/O -



15.6"

1.86kg



1x USB3.1 Gen1 Type-A

2x USB3.1 Gen1 Type-A

RJ45



HP-out/mic-in

USB3.1 Gen1 Type-C



Model Name	GF63 8RD / GF63 8RC
Processor	Up to latest 8 th Gen. Intel® Core™ i7 processor
Operating System	Windows 10 Home Windows 10 Pro
Chipset	Intel® HM370
Memory	Up to DDR4-2666, 2 slots, up to 32GB
Display	15.6" Full HD (1920x1080), IPS level with ultra-thin bezel panel
Graphics	Latest GeForce® GTX 1050 Ti with Max-Q Design, 4 GB GDDR5 (8RD) Latest GeForce® GTX 1050 4 GB GDDR5 (8RC)
Storage	1 x 2.5" HDD + 1 x NVMe M.2 SSD by PCIe Gen3 / SATA-SSD Combo
Optical Drive	-
Keyboard	Keyboard with Red color backlighting
Audio	2x 2W Speakers / Audio Boost Technology / Nahimic 3 Audio Enhance
USB 3.1 Gen1 port	1x USB 3.1 Gen1 Type-C / 3x USB3.1 Gen1 Type-A
Card Reader	SD(XC/HC)
Video Output	1x HDMI (4K@ 30Hz)
Mic-in/Headphone out	1/1
LAN/Wi-Fi	Gigabit Ethernet / Intel Wireless-AC 9462
Bluetooth	Bluetooth v5
Webcam	HD type (30fps@720p)
Battery	3-Cell
Power Adapter	120W
Dimension	359 (W) x 254 (D) x 21.7 (H) mm
Weight	1.86Kg