



GF65 *Thin*

Sales Kit

GF65 Thin **10SE /10SER**
GF65 Thin **10SD /10SDR**

NB PM
Feb. 2020
Version 1.0





GF65

THIN BEZEL GAMING



Thin bezel



AI Alloy
Chassis



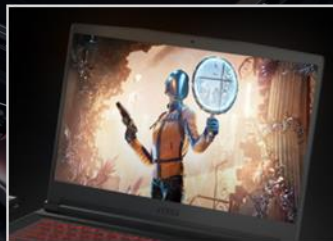
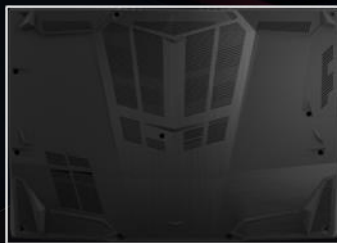


THIN & LIGHT

ALUMINIUM HAIR-BRUSHED AESTHETICS



Brushed aluminum design for both the lid and keyboard cover



GF-series family look bottom cover

5mm - Super thin bezel

81% - Super large screen-body ratio

Silver-lining print keyboard with red backlit

GF65

PERFORMANCE MADE PORTABLE

Enjoy complete 15" screen real estate in a compact chassis

21.7mm

1.86kg

GF65 *Thin*





Approx.

15%

CPU perf.
Improvement

Up to

74%

GPU perf.
Improvement

GF65 Thin

Incredible Immersion in Versatile Games



Smooth experience In
Online Game



Ray-tracing experience &
AAA game feast

Cooler Boost 5

Revolutionary Cooling for Low-Key Gaming



Dedicated thermal solutions for both the CPU and GPU with up to 6 heat pipes, work harmoniously by minimizing the heat and maximizing the airflow for smooth gaming performance in such compact chassis.

2

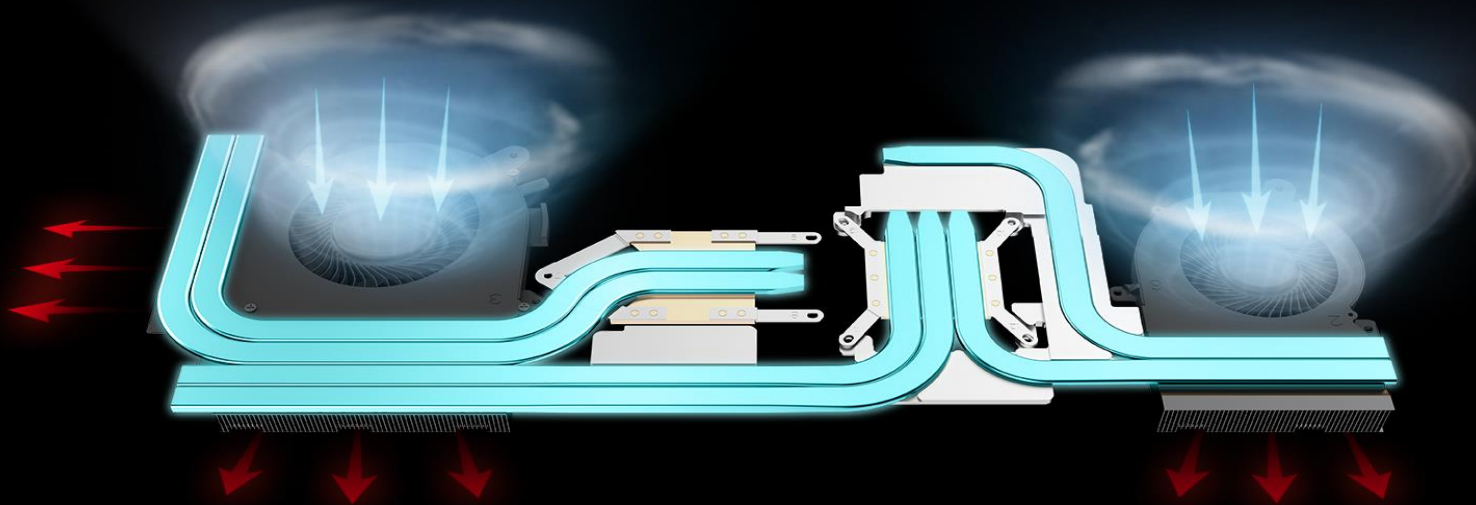
fans

6

pipes

3

exhausts





Win the Games

with details on GF65

Up to

144 Hz

120 Hz

IPS

High Refresh Rate

Level Display





Listen to Perfection

Brilliant Audio Performance



24KHz / 8bit
MP3 AUDIO



44KHz / 16bit
CD AUDIO



192KHz / 24bit
HI-RES AUDIO



Music



Gaming



Movie



Communication



Hearing The Impossible

Much More Joyful to Share The Joy



Nahimic Sound Sharing



With Sound Sharing you can **share the sound for your laptop** with others using **Bluetooth** headphone or earbuds.





DRAGON
CENTER



Dragon Center 2020

What's New ?

Gaming Mode 2.0

One button setup, more games supported

Game Highlights

Easily capture and share highlight videos

MSI Companion

In-game change settings and monitor



Wi-Fi 6 (802.11ax)

Faster Speed for Non-Stop Gaming

2.4 Gbps 

Intel AX201 (2x2 / 160MHz / 802.11ax)

1.73 Gbps

Wireless Wi-Fi 5 (2x2 / 160MHz / 802.11ac Wave2)

867 Mbps

Standard Wi-Fi 5 (2x2 / 80MHz / 802.11ac)

3x

Wi-Fi 6
faster than
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GF65 SPECIFICATION

	GF65 Thin (10 th gen)
Processor	Up to 10th Gen Intel® Core™ i7-10750H / HM470
*Graphics	NVIDIA GeForce® RTX 2060 (GDDR6/6GB) NVIDIA GeForce® GTX 1660Ti (GDDR6/6GB)
*Display	15.6" FHD IPS-level 144Hz with thin bezel design 15.6" FHD IPS-level 120Hz with thin bezel design 15.6" FHD IPS-level 60Hz with thin bezel design
Memory	DDR4-2666, 2x Slots, Max 64GB
Storage	1x M.2 SSD Combo Slot (NVMe PCIe Gen3 / SATA) 1x M.2 SSD Slot (NVMe PCIe Gen3)
Webcam	HD type (30fps@720p)
Keyboard	Red backlit gaming keyboard; (Optional: Non-backlit gaming keyboard)
Communication	Gb LAN, Intel Wi-Fi 6 (802.11ax 2x2) + Bluetooth 5.0
Audio	2x 2W Speaker, Nahimic, Hi-Res Audio certified
I/O Ports	2x Type-C USB3.2 Gen1, 2x Type-A USB3.2 Gen1 1x RJ45, 1x HDMI (4K@30Hz), 1x Audio combo jack
Battery / Adapter	51WHr 3-Cell / 180W Adapter
Dimension / Weight	359 x 254 x 21.7 mm / 1.86kg



GF65



Performance



Cooler Boost 5

Visuals



144 Hz **120 Hz**
(Optional)

Control



Audio



Nahimic
AUDIO THAT MATTERS

Streaming

Wi-Fi 6



MU-MIMO

Feature Highlights



Performance

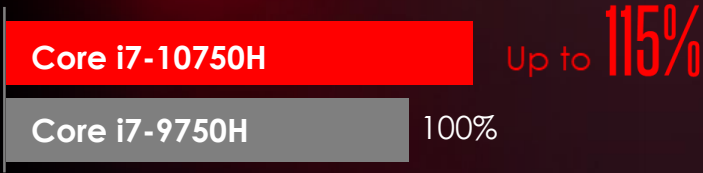
MSI Gaming Feature Overview





Redefining What's Possible In Thin & Light Laptops

Latest 10th Intel Core™ i7 processor powers up with up to 15% performance gains over the previous generation.



* CPU performance results are tested by Cinebench R15 multi and the result may varied by different models and configuration.



GF65 Thin



GEFORCE
RTX



NVIDIA GEFORCE RTX SUPER™ SERIES GRAPHICS

The new GeForce RTX SUPER Series has even more cores and higher clocks for superfast performance compared to previous-generation GPUs. Gear up and get super powers.

RTX 2060

174%

GTX 1070

151%

GTX 1060

100%

Real-Time
RAY TRACING

AI Enhanced Graphic
DLSS

* GPU performances are based on 3DMark Time Spy Graphics scores and the result may varied by different models and configuration.



GEFORCE
GTX



16: The New Supercharger

The GeForce GTX 1660 Ti is built with the breakthrough graphics performance of the award-winning NVIDIA Turing architecture. With performance that rivals the GeForce GTX 1070, it's a blazing-fast supercharger for today's most popular games, and even faster with modern titles.

GTX 1660 Ti

103%

GTX 1070

100%

* GPU performances are based on 3DMark Time Spy Graphics scores, and the result may varied by different models and configuration

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Revolutionary Cooling for Low-Key Gaming



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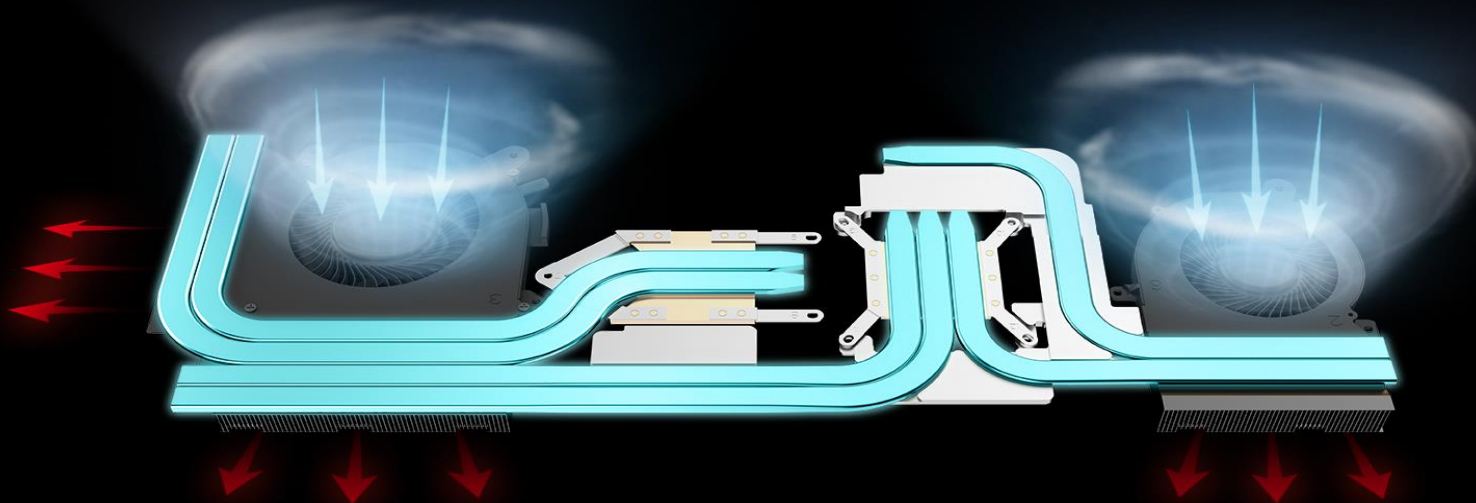
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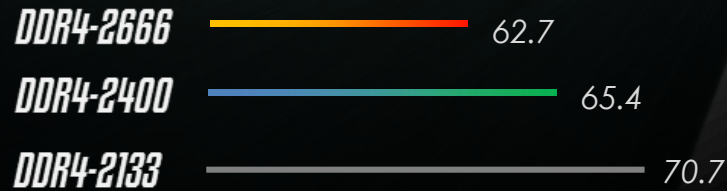


Faster DDR4-2666 Memory

Higher Bandwidth for Higher Loading

Technically supports up to DDR4-2666 which enables faster applications loading and run demanding programs without lag. They shows **4~11%** enhancement compare to previous generations.

Memory Latency: Lower is better.



 **DDR4**



VISUALS

MSI Gaming Feature Overview





The Ultra-Thin Bezel Design on Gaming

Large View. Carry Small.

GF65 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



Thin Bezel Design



Win the Games

with details on GF65

Up to

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120 Hz

IPS

High Refresh Rate

Level Display





AUDIO

MSI Gaming Feature Overview



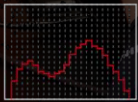


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Control

MSI Gaming Feature Overview





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CENTER



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Gaming Mode 2.0

One-Click Optimization

Just 1-Click, **Gaming Mode** optimizes all you need for smooth gaming



Elements of Gaming Mode 2.0

1

Prioritize system resource

2

Free up memory

3

Switch to Nahimic Game mode



Game Highlights

Record All Your Best Moments

msi DRAGON CENTER

Scenario: Extreme Performance | Gaming Mode: ON

Games: PUBG

Game Highlights

Game Highlights

Search Clants on Arena Boxes at Pleasant Park

0m 10m 10m

Ashe	Match 01 KOA 16/2/6
Garen	Match 01 KOA 16/2/6
Ryze	Match 03 KOA 16/2/6
Pyke	Match 03 KOA 16/2/6
Kled	Match 04 KOA 16/2/6
Garen	Match 05 KOA 16/2/6
Lux	Match 05 KOA 16/2/6

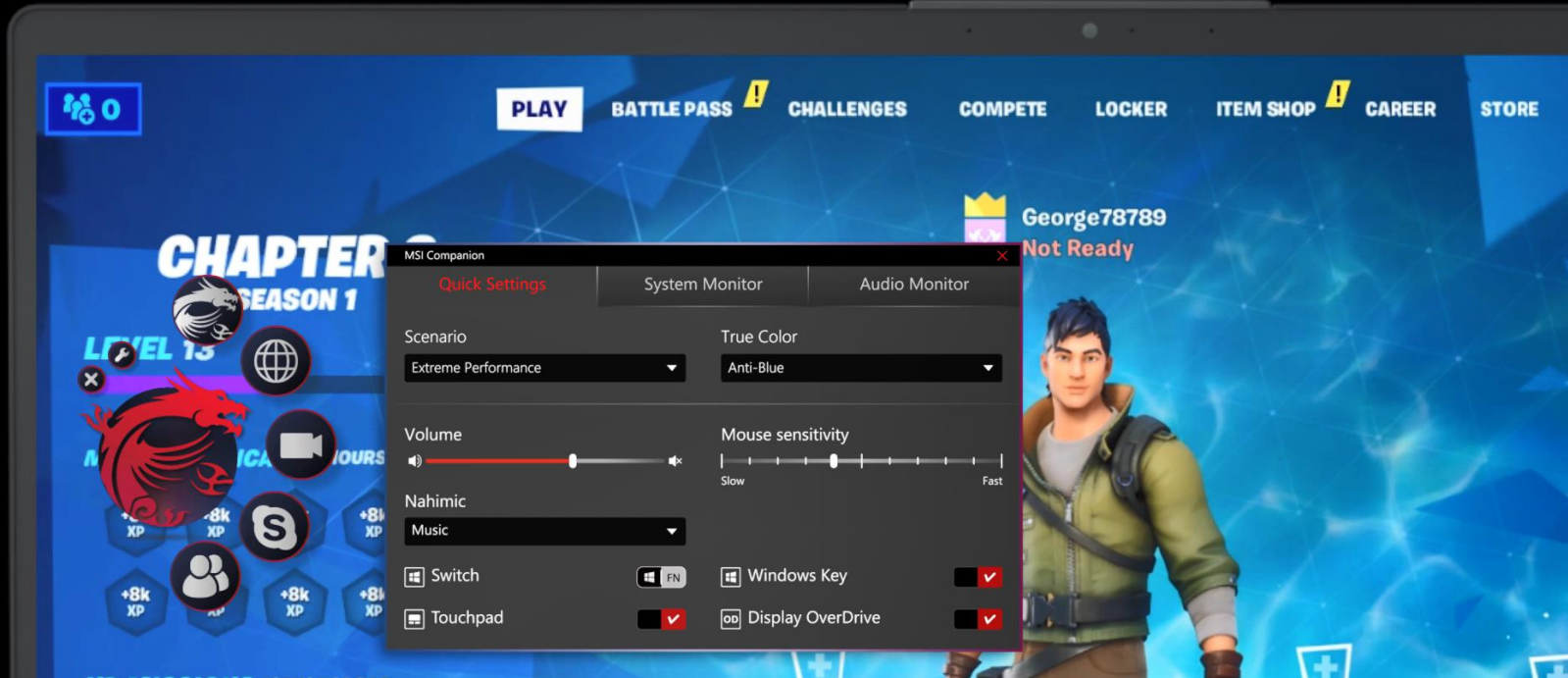
* The new function will be released through Dragon Center update by April.



MSI Companion

MSI exclusive gaming OSD (on screen display) interface to adjust settings in-game and give a quick monitor as well.

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STREAMING

MSI Gaming Feature Overview





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MU-MIMO Technology

MU-MIMO allows user access a wireless network at the same time. Previously, when multiple users begin accessing the router at or near the same time, congestion can be introduced as the router services the first user's request while the second (and third, fourth, etc.) wait. With MU-MIMO, it could allow multiple user access the router source simultaneously and without congestion.



Multi-User MIMO



Single-User MIMO





MADE FOR GAMERS & CREATORS

