



# DATA SHEET

G5 (2023)

**GIGABYTE™**

**GAMING**

# G5 MF-E2DE333SD

EAN 4719331852566

## Product Specification

<b>Model</b>	<b>GIGABYTE G5</b>
<b>OS</b>	ohne Betriebssystem
<b>CPU</b>	12th Intel® Core™ i5-12500H Processor (2.5GHz~4.5GHz)
<b>Display</b>	15.6" FHD 144Hz Display
<b>System Memory</b>	8GB (1x8) DDR4 3200 ( 2 Slots DDR4-3200, Max 64GB)
<b>PCH</b>	N/A
<b>Video Graphics</b>	Intel® Iris®Xe Graphics NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6 Max TGP 75W, Boost Clock 2130MHz
<b>Storage</b>	512GB PCIe Gen. 4 SSD M.2 2280 x 2 (PCIe Gen3x4*1 , PCIe Gen4x4*1)
<b>Keyboard Type</b>	Multi languages 15 color illuminated full size keyboard with numeric pad
<b>I/O Port</b>	1x USB 2.0 (Type-A) 1x USB3.2 Gen1 (Type-A) 2x USB3.2 Gen2 (Type-C) 1x Mini DisplayPort 1.4 1x HDMI I™ Output port (with HDCP) 1 x 2-in-1 Audio Jack(Headphone / Microphone) 1x Microphone jack 1x RJ-45 LAN port 1x DC-in Jack 1x MircoSD Card Reader
<b>Audio</b>	2x 2 Watt Speaker, Microphone, DTS:X® Ultra Audio technology
<b>Communications</b>	LAN: 1GB, WLAN : Intel® Wi-Fi 6E , Bluetooth: Bluetooth® V5.2
<b>Adapter</b>	150W
<b>Battery</b>	Lithium-Ion 54Wh
<b>Dimensions</b>	36.0 (W) x 23.8 (D) x 2.27(H) cm 14.2(W) x 9.4(D) x 0.89(H) inch
<b>Weight</b>	~1.9 kg / 4.19 lb

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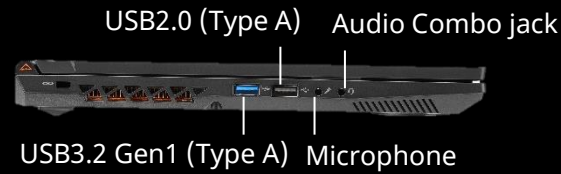
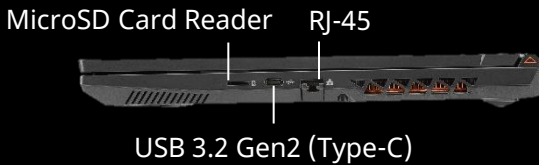
## Product Overview



23.8 cm



36.0 cm



- NVIDIA® GeForce RTX™ 40 Series
- 12<sup>th</sup> Gen Intel® Core™ i5 H-Series Processor
- Exclusive WINDFORCE Cooling
- 15.6" FHD 144Hz High Refresh Rate Display Ultra-thin Bezel

- 15 Colored Full-Zone Keyboard
- Light & Mobile Design
- Wi-Fi 6E Connection
- DTS: X® Ultra Audio Technology



144Hz



GIGABYTE™

GAMING

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## 12th Gen Intel® Core™ i5 Processor H-Series

The G5 gaming laptop leads the industry by adopting the mobile-focused 12<sup>th</sup> Gen Intel® Core™ i5-12500H. The 12-core processor delivers incredible high FPS gameplay even while multitasking. Elevate your gameplay and enjoy the ultimate performance on the go.



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## New GeForce RTX 40 Series Graphics

Equipped with NVIDIA® GeForce® RTX 40 series laptop GPUs, based on the NVIDIA Ada Lovelace™ GPU architecture with real-time ray tracing, artificial intelligence, and programmable shading brings gamers a whole new experience.



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## WINDFORCE : Powerful Cooling

Powerful performance comes through powerful cooling system. Thanks to the new design, G5 provides better cooling heat dissipation efficiency compared with previous generation.



# G5 (2023)

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## IPS-level 144Hz Display

The G5 is equipped with a 144Hz gaming display that can take away motion blur and leave a perfectly smooth visual experience. A clear glance at the enemy is the key to victory!

**144Hz**

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## Ultra-thin Bezel

With an ultra-thin screen bezel design, the G5 not only offers you smaller chassis than a traditional 15.6" laptop but maximizes your vision.



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## RGB Backlit Keyboard: Dance with Your Fingertips

The G5 keyboard comes with a full area of 15-color backlit colors, giving you the ability to switch the lighting colors to express your personal style.



# G5 (2023)

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## Wi-Fi 6E Technology: More Stable Without Lag

Wi-Fi 6E extended to the 6 GHz band. Wi-Fi 6E works with the same standard as Wi-Fi 6 but with an extended spectrum. 6 GHz band exists without overlap or interference. Access to the 6 GHz frequency brings more bandwidth, faster speeds, and lower latency.



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## Versatile I/O and Sweet Design

The G5 is not restricted by its thin and light chassis, offering more connection port options than its competitors. It comes with HDMI and mini DP for image outputs and a MicroSD card reader.

With the image output ports on the rear, G5 makes cable management easy and leaves you with a clean setup. Move your mouse without any restriction from now on.

mini  
DisplayPort



MicroSD Card  
Reader



# G5 (2023)

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## Windows® Precision Touchpad for Precise Control

The G5 features a windows precision touchpad that supports registering multiple touch inputs.



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## DTS:X™ Ultra Audio Technology

The G5 adopts the DTS: X Ultra audio technology which virtual 7.1-channel surround sound innovation that provides outstanding sound experience and performance. From editing, and seeing movies to conference calls, the DTS: X™ Ultra brings a true 3D surround effect that removes noise from incoming and outgoing audio.



7.1 Channel  
Surround Sound



Tuning Specific



DTS Sound  
Unbound app

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