

Gigabyte G5 MF5 2024 - 15.6 Inch, 144Hz FHD, Intel Core i7-13620H, NVIDIA GeForce RTX 4050 GPU, 16GB DDR5 4800MHz, 1x 1TB Gen4 SDD, Windows 11 Home, 2 Year Warranty, Dolby Atmos, G5 MF5-H2UK354KH

Brand : Gigabyte

Product code: G5 MF5-H2UK354KH

Product name : G5 MF5 2024 - 15.6 Inch, 144Hz FHD, Intel Core i7-13620H, NVIDIA GeForce RTX 4050 GPU, 16GB DDR5 4800MHz, 1x 1TB Gen4 SDD, Windows 11 Home, 2 Year Warranty, Dolby Atmos, G5 MF5-H2UK354KH

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

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It's time to wield the power of AI. Introducing a new lineup of AI gaming laptops from GIGABYTE. The GIGABYTE G5 Gaming Laptop brings brand-new gaming elements of future trends, combined with next-generation powerful performance. The GIGABYTE G5 Gaming Laptop is equipped with an Intel Core H Series Processor, NVIDIA GeForce RTX 40 Series Laptop GPUs powered by AI-accelerated for generative AI, and a high refresh rate display, offering high efficiency and a better experience. Designed with a thin-bezel screen and Dolby Atmos, it provides high portability and the most immersive sound experience. With powerful performance and AI-enhanced technology, it empowers you to take on any challenge with outstanding efficiency and durability.



Design		Camera	
Colour name	Iron Gray	Front camera	✓
Product type *	Laptop	Front camera resolution (numeric)	1 MP
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Introduction year	2024	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Country of origin	China	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.2
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	144 Hz	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor family *	Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor generation	13th gen Intel® Core™ i7	HDMI ports quantity *	1
Processor model *	i7-13620H	HDMI version	2.1
Processor cores	10	Mini DisplayPorts quantity	1
Processor boost frequency	4.9 GHz	Microphone in	✓
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	4	Charging port type	DC-in jack
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard	
Efficient-core Max Turbo Frequency	3.6 GHz	Pointing device	Touchpad
Processor cache	24 MB		

Processor		Keyboard	
Processor cache type	Smart Cache	Numeric keypad *	✓
Processor base power	45 W	Keyboard backlit	✓
Maximum turbo power	115 W	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	1-zone RGB
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	54 Wh
Storage		Battery weight	216 g
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	150 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✓	Width	360 mm
Compatible memory cards	MicroSD (TransFlash)	Depth	238 mm
Graphics		Height	22.7 mm
Discrete GPU manufacturer	NVIDIA	Weight *	2.08 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Packaging data	
Discrete graphics card memory	6 GB	Package width	100 mm
Discrete graphics memory type	GDDR6	Package depth	491 mm
On-board graphics card *	✓	Package height	339 mm
On-board GPU manufacturer	Intel	Package weight	4.52 kg
Discrete graphics card *	✓	Packaging content	
On-board graphics card family	Intel® UHD Graphics	Number of batteries	1
On-board graphics card model *	Intel® UHD Graphics	Logistics data	
Audio		Products per shipping (inner) case	1 pc(s)
Audio system	Dolby Atmos	Other features	
Number of built-in speakers	2	Batteries included	✓
Speaker power	2 W	Warranty period	2 year(s)
Built-in microphone	✓		



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