

**GIGABYTE G5 MF-F2US313SH laptop Intel® Core™ i5 i5-12450H  
Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM  
512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax)  
Windows 11 Home Negro**



**Marca :** GIGABYTE

**Código del producto:** G5 MF-F2US313SH

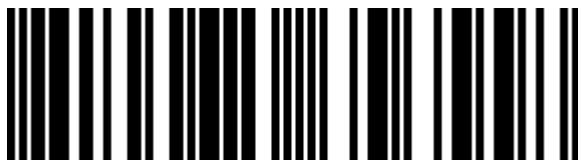
**Nombre del producto :** G5 MF-F2US313SH

GIGABYTE G5 MF-F2US313SH. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-12450H. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 4050. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro



<b>Design</b>		<b>Camera</b>	
Product type *	Laptop	Front camera	✓
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell		
<b>Display</b>		<b>Network</b>	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	WLAN controller manufacturer	Intel
Native aspect ratio	16:9	Ethernet LAN	✓
RGB colour space	NTSC	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.2
<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	1
Processor family *	Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i5-12450H	Ethernet LAN (RJ-45) ports	1
Processor cores	8	HDMI ports quantity *	1
Processor boost frequency	4.4 GHz	Mini DisplayPorts quantity	1
Processor cache	12 MB	Combo headphone/mic port	✓
Configurable TDP-down	35 W		
<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR4-SDRAM	Numeric keypad *	✓
Memory clock speed	3200 MHz	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB		
Maximum internal memory *	64 GB		
<b>Software</b>		<b>Operating system installed *</b>	
		Windows 11 Home	

<b>Storage</b>		<b>Processor special features</b>	
Total storage capacity *	512 GB	Intel Flex Memory Access	✓
Storage media *	SSD	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	512 GB	Execute Disable Bit	✓
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	512 GB	Embedded options available	✗
SSD interface	PCI Express 4.0	Intel Virtualization Technology for Directed I/O (VT-d)	✓
NVMe	✓	Intel Virtualization Technology (VT-x)	✓
SSD form factor	M.2	<b>Battery</b>	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Card reader integrated	✓	Battery capacity *	54 Wh
Compatible memory cards	MicroSD (TransFlash)	<b>Power</b>	
<b>Graphics</b>		AC adapter power	150 W
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	<b>Security</b>	
Discrete graphics card memory	6 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	360 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	238 mm
<b>Audio</b>		Height	22.7 mm
Audio system	DTS:X Ultra	Weight *	2.08 kg
Number of built-in speakers	2		
Speaker power	2 W		



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