



MSI Thin GF63 12VE-066US Intel® Core™ i7 i7-12650H
Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM
512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows
11 Pro Negro

Marca : MSI

Código del producto: THIN GF63 12VE-066US

Nombre del producto : Thin GF63 12VE-066US

MSI Thin GF63 12VE-066US. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-12650H. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Píxeles. 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 Pro. Color del producto: Negro



Design		Camera	
Product type *	Laptop	Video capturing speed	30 fps
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal *	39.6 cm (15.6")	Mobile network connection *	✗
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6 AX201
HD type	Full HD	WLAN controller manufacturer	Intel
Native aspect ratio	16:9	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.2
Processor generation	12th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-12650H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor boost frequency	4.7 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	HDMI ports quantity *	1
Configurable TDP-down	35 W	Headphone outputs	1
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	Keyboard	
Internal memory type	DDR4-SDRAM	Pointing device	Touchpad
Memory clock speed	3200 MHz	Numeric keypad *	✗
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit colour	Red
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Pro
Storage		Processor special features	
Total storage capacity *	512 GB	Intel Flex Memory Access	✓
Storage media *	SSD		
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB		

Storage		Processor special features	
SSD interface	PCI Express	Intel VT-x with Extended Page Tables (EPT)	✓
NVMe	✓	Execute Disable Bit	✓
Optical drive type *	✗	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card memory	6 GB	Battery	
Discrete graphics memory type	GDDR6	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	51 Wh
Discrete graphics card *	✓	Power	
On-board graphics card model *	Intel® UHD Graphics	AC adapter power	120 W
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	2 W	Cable lock slot type	Kensington
Camera		Weight & dimensions	
Front camera	✓	Width	359 mm
Front camera HD type	HD	Depth	254 mm
		Height	21.7 mm
		Weight *	1.86 kg



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Publication date: 14-APR-2025. Prints or copies of Information are only valid on the printed Publication date