



MSI Modern 15 H B13M-022US Intel® Core™ i5 i5-13420H Computadora portátil 39.6 cm (15.6") Full HD 32 GB DDR4-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Negro

Marca : MSI

Familia de productos: Modern

Código del producto:
MODERN 15 H B13M-022US

Nombre del producto :
Modern 15 H B13M-022US



MSI Modern 15 H B13M-022US. Tipo de producto: Computadora portátil, Factor de forma: Concha.
Familia de procesador: Intel® Core™ i5, Modelo del procesador: i5-13420H. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Píxeles. Memoria interna: 32 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro. Peso: 1.9 kg



Design		Graphics	
Product type *	Laptop	On-board graphics card 6K support	✓
Product colour *	Black	Graphics card Open GL support	✓
Form factor *	Clamshell	Audio	
Original brand name	MSI	Audio system	Nahimic 3
Display		Number of built-in speakers	2
Display diagonal *	39.6 cm (15.6")	Speaker power	2 W
Display resolution *	1920 x 1080 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Full HD	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:9	Front camera HD type	HD
Display diagonal (metric)	39.6 cm	Video capturing speed	30 fps
Maximum refresh rate	60 Hz	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor family *	Intel® Core™ i5	Mobile network connection *	✗
Processor generation	13th gen Intel® Core™ i5	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	i5-13420H	WLAN controller manufacturer	Intel
Processor cores	8	Bluetooth	✓
Processor boost frequency	4.6 GHz	Bluetooth version	5.3
Performance cores	4	Ports & interfaces	
Efficient cores	4	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Performance-core Max Turbo Frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core Max Turbo Frequency	3.4 GHz	HDMI ports quantity *	1
Processor cache	12 MB	HDMI version	2.1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	45 W		
Maximum turbo power	95 W		

Memory		Ports & interfaces	
Internal memory *	32 GB	USB Type-C DisplayPort Alternate Mode	✓
Internal memory type	DDR4-SDRAM	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory slots	2x SO-DIMM	Numeric keypad *	✓
Maximum internal memory *	64 GB	Keyboard backlit	✓
Storage		Keyboard backlit colour	White
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Number of battery cells	3
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	90 W
NVMe	✓	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Weight & dimensions	
Graphics		Width	359 mm
Discrete graphics card model *	Not available	Depth	241 mm
On-board graphics card *	✓	Height	19.9 mm
On-board GPU manufacturer	Intel	Weight *	1.9 kg
Discrete graphics card *	✗	Packaging data	
On-board graphics card family	Intel® UHD Graphics	Package width	468 mm
On-board graphics card model *	Intel® UHD Graphics	Package depth	79 mm
On-board graphics card 4K support	✓	Package height	304 mm
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000

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