



MSI Modern 15 B12M-454US Intel® Core™ i7 i7-1255U Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Negro

Marca : MSI

Familia de productos: Modern Código del producto:
MODERN 15 B12M-454US

Nombre del producto :
Modern 15 B12M-454US

MSI Modern 15 B12M-454US. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-1255U. 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 Iris Xe Graphics. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro. Peso: 1.7 kg



Design		Graphics	
Colour name	Classic Black	Graphics card Open GL support	✓
Product type *	Laptop	Audio	
Product colour *	Black	Number of built-in speakers	2
Form factor *	Clamshell	Speaker power	2 W
Original brand name	MSI	Camera	
Display		Front camera	✓
Display diagonal *	39.6 cm (15.6")	Front camera resolution	1280 x 720 pixels
Display resolution *	1920 x 1080 pixels	Front camera HD type	HD
Touchscreen *	✗	Video capturing speed	30 fps
HD type	Full HD	Network	
Native aspect ratio	16:9	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display diagonal (metric)	39.6 cm	Mobile network connection *	✗
RGB colour space	NTSC	Antenna type	2x2
Colour gamut	45%	WLAN controller model	Intel Wi-Fi 6 AX201
Maximum refresh rate	60 Hz	WLAN controller manufacturer	Intel
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	12th gen Intel® Core™ i7	USB 2.0 ports quantity *	2
Processor model *	i7-1255U	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cores	10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor threads	12	HDMI ports quantity *	1
Processor boost frequency	4.7 GHz	HDMI version	1.4
Performance cores	2	Combo headphone/mic port	✓
Efficient cores	8		
Performance-core Max Turbo Frequency	4.7 GHz		

Processor		Keyboard	
Efficient-core Max Turbo Frequency	3.5 GHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	12 W	Keyboard backlit colour	White
Processor base power	15 W	Full-size keyboard	✓
Maximum turbo power	55 W	Keyboard number of keys	99
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR4-SDRAM	Processor special features	
Memory clock speed	3200 MHz	Intel Flex Memory Access	✓
Memory form factor	On-board	Intel Trusted Execution Technology	✓
Maximum internal memory *	16 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	512 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Total SSDs capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	512 GB	Battery	
SSD interface	PCI Express 3.0	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	3
Optical drive type *	✗	Battery capacity *	39.3 Wh
Card reader integrated	✓	Power	
Compatible memory cards	MicroSD (TransFlash)	AC adapter power	65 W
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	359 mm
On-board graphics card *	✓	Depth	241 mm
On-board GPU manufacturer	Intel	Height	19.9 mm
Discrete graphics card *	✗	Weight *	1.7 kg
On-board graphics card family	Intel Iris Xe Graphics	Other features	
On-board graphics card model *	Intel Iris Xe Graphics	Warranty period	1 year(s)

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Publication date: 11-APR-2025. Prints or copies of Information are only valid on the printed Publication date