

MSI Katana 15 B12VFK-291US Intel® Core™ i7 i7-12650H
Computadora portátil 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM
512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows
11 Home Negro



Marca : MSI

Familia de productos: Katana

Código del producto: KATANA
15 B12VFK-291US

Nombre del producto :
Katana 15 B12VFK-291US

MSI Katana 15 B12VFK-291US. 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 Pixeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-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 4060. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro



Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Audio

Audio system	NAHIMIC 3
Number of built-in speakers	2
Speakers manufacturer	Nahimic
Speaker power	2 W

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Native aspect ratio	16:9
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	144 Hz

Camera

Front camera	✓
Front camera HD type	HD
Video capturing speed	30 fps

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-12650H
Processor cores	10
Processor boost frequency	4.7 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.7 GHz
Efficient-core Max Turbo Frequency	3.5 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗

Antenna type

WLAN controller model	Intel Wi-Fi 6 AX201
WLAN controller manufacturer	Intel

Ethernet LAN

Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓

Bluetooth

Bluetooth version	5.2
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Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1

Processor		Ports & interfaces	
Processor base power	45 W	HDMI version	2.1
Maximum turbo power	115 W	Combo headphone/mic port	✓
Memory		USB Type-C DisplayPort Alternate Mode	
Internal memory *	16 GB	Performance	
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel HM670
Memory clock speed	4000 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 8 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	64 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	4-zone RGB
Total storage capacity *	512 GB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	512 GB	Processor special features	
Number of SSDs installed	1	Intel Flex Memory Access	✓
SSD capacity	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD interface	PCI Express 4.0	Execute Disable Bit	✓
NVMe	✓	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Battery	
Discrete graphics card memory	8 GB	Battery technology	Lithium Polymer (LiPo)
Discrete graphics memory type	GDDR6	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	53.5 Wh
On-board GPU manufacturer	Intel	Power	
Discrete graphics card *	✓	AC adapter power	200 W
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	359 mm
		Depth	259 mm
		Height	24.9 mm
		Weight *	2.25 kg

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