



**MSI Katana 15 B13VEK-1698XFR Intel® Core™ i5 i5-13420H
Laptop 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD
NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) FreeDOS Black**

Brand : MSI

Product family: Katana

Article code: KATANA 15
B13VEK-1698XFR

Product name : Katana 15
B13VEK-1698XFR

MSI Katana 15 B13VEK-1698XFR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13420H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: FreeDOS. Product color: Black



Design		Graphics	
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel® UHD Graphics
Display		On-board graphics card model *	Intel® UHD Graphics
Display diagonal *	39.6 cm (15.6")	Audio	
Display resolution *	1920 x 1080 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	Full HD	Camera	
Native aspect ratio	16:9	Front camera	✓
RGB colour space	NTSC	Front camera HD type	HD
Colour gamut	45%	Video capturing speed	30 fps
Maximum refresh rate	144 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	Ethernet LAN	✓
Processor boost frequency	4.6 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance cores	4	Bluetooth	✓
Efficient cores	4	Bluetooth version	5.3
Performance-core Max Turbo Frequency	4.6 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.4 GHz	USB 2.0 ports quantity *	1
Processor cache	12 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor base power	45 W		
Maximum turbo power	95 W		

Memory		Ports & interfaces	
Internal memory *	16 GB	Ethernet LAN (RJ-45) ports	1
Internal memory type	DDR5-SDRAM	HDMI ports quantity *	1
Memory clock speed	5200 MHz	HDMI version	2.1
Memory form factor	SO-DIMM	Combo headphone/mic port	✓
Memory layout (slots x size)	2 x 8 GB	USB Type-C DisplayPort Alternate Mode	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Performance	
Total storage capacity *	512 GB	Repairability index	8.1
Storage media *	SSD	Keyboard	
Total SSDs capacity	512 GB	Pointing device	Touchpad
Number of SSDs installed	1	Numeric keypad *	✓
SSD capacity	512 GB	Keyboard backlit	✓
SSD interface	PCI Express 4.0	Keyboard backlit colour	RGB
NVMe	✓	Keyboard backlit zone	4-zone RGB
SSD form factor	M.2	Software	
Optical drive type *	✗	Operating system installed *	FreeDOS
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	3
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Battery capacity *	53.5 Wh
Discrete graphics card memory	6 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	200 W
		Weight & dimensions	
		Width	359 mm
		Depth	259 mm
		Height	24.9 mm
		Weight *	2.25 kg



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