



# MSI Gaming RAIDER GE68HX 13VF-062US laptop Intel® Core™ i9 i9-13950HX 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** MSI

**Product family:** Gaming

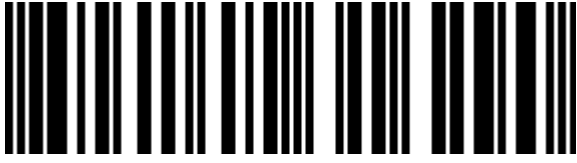
**Product code:** RAIDER GE68HX 13VF-062US

**Product name :** RAIDER GE68HX 13VF-062US

- Windows 11 Home  
 - Intel Core i9-13950HX (36MB Cache)  
 - 40.6 cm (16") Full HD+ 3840 x 2400 IPS-Level, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD  
 Intel Core i9-13950HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 3840 x 2400 IPS-Level, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home  
 MSI Gaming RAIDER GE68HX 13VF-062US. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13950HX. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 3840 x 2400 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Colour name	Core Black	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Black	On-board graphics card family	Intel® UHD Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel® UHD Graphics
Original brand name	MSI	<b>Audio</b>	
<b>Display</b>		Number of built-in speakers	4
Display diagonal *	40.6 cm (16")	Speaker power	2 W
Display resolution *	3840 x 2400 pixels	<b>Camera</b>	
Touchscreen *	✗	Front camera	✓
HD type	Full HD+	Front camera HD type	Full HD
Panel type	IPS-Level	Video capturing speed	30 fps
Native aspect ratio	16:10	Infrared (IR) camera	✓
RGB colour space	NTSC	<b>Network</b>	
Colour gamut	45%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	144 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
<b>Processor</b>		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Killer WiFi 6E AX211
Processor family *	Intel® Core™ i9	Ethernet LAN	✓
Processor generation	13th gen Intel® Core™ i9	Bluetooth	✓
Processor model *	i9-13950HX	Bluetooth version	5.3
Processor cores	24	<b>Ports &amp; interfaces</b>	
Processor threads	32	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	5.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Efficient cores	16	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.5 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4 GHz		
Processor cache	36 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor base power	55 W	HDMI version	2.1
Maximum turbo power	157 W	Thunderbolt 4 ports quantity	1
<b>Memory</b>		Intel® Thunderbolt 4	✓
Internal memory *	32 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	<b>Performance</b>	
Memory clock speed	5600 MHz	Motherboard chipset	Intel HM770
Memory form factor	SO-DIMM	<b>Keyboard</b>	
Memory layout (slots x size)	2 x 16 GB	Pointing device	Touchpad
Memory slots	2x SO-DIMM	Numeric keypad *	✓
Maximum internal memory *	64 GB	Keyboard backlit	✓
<b>Storage</b>		Keyboard backlit colour	RGB
Total storage capacity *	1 TB	<b>Software</b>	
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	<b>Battery</b>	
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	99 Wh
SSD interface	PCI Express 4.0	<b>Power</b>	
NVMe	✓	AC adapter power	280 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	<b>Security</b>	
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD	Trusted Platform Module (TPM) version	2.0
<b>Graphics</b>		<b>Weight &amp; dimensions</b>	
Discrete GPU manufacturer	NVIDIA	Width	357 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Depth	284 mm
Discrete graphics card memory	8 GB	Height	22.2 mm
Discrete graphics memory type	GDDR6	Weight *	2.7 kg
On-board graphics card *	✓	<b>Packaging content</b>	
		AC adapter included *	✓



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### Catalog Object Cloud



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