



**MSI Gaming RAIDER GE68HX 13VG-093UK laptop Intel® Core™ i9 i9-13980HX 40.6 cm (16") UHD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Advanced Black**

**Brand :** MSI

**Product family:** Gaming

**Product code:** RAIDER GE68HX 13VG-093UK

**Product name :** RAIDER GE68HX 13VG-093UK



- Windows 11 Home Advanced
  - Intel Core i9-13980HX (36MB Cache)
  - 40.6 cm (16") UHD+ 3840 x 2400 UWVA, NVIDIA GeForce RTX 4070 (8GB GDDR6)
  - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i9-13980HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 UWVA, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home Advanced

MSI Gaming RAIDER GE68HX 13VG-093UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: UHD+, 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 4070. Operating system installed: Windows 11 Home Advanced. Product colour: Black



Design		Audio	
Colour name	Core Black	Number of built-in speakers	4
Product type *	Laptop	Speaker power	2 W
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	3840 x 2400 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	UHD+	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	UWVA	Mobile network connection *	✗
Native aspect ratio	16:10	WLAN controller model	Killer Wi-Fi 6E 1675i
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	120 Hz	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor family *	Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor generation	13th gen Intel® Core™ i9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i9-13980HX	Ethernet LAN (RJ-45) ports	1
Processor cores	24	HDMI ports quantity *	1
Processor boost frequency	5.6 GHz	HDMI version	2.1
Performance cores	8	Thunderbolt 4 ports quantity	1
Efficient cores	16	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	5.6 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4 GHz		
Processor cache	36 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Performance</b>	
Processor base power	55 W	Motherboard chipset	Intel HM770
Maximum turbo power	157 W	<b>Keyboard</b>	
<b>Memory</b>		Pointing device	Touchpad
Internal memory *	32 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 16 GB	<b>Software</b>	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home Advanced
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	99.99 Wh
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	1 TB	AC adapter power	280 W
SSD interface	PCI Express 4.0	<b>Security</b>	
NVMe	✓	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	<b>Weight &amp; dimensions</b>	
Compatible memory cards	SD	Width	357 mm
<b>Graphics</b>		Depth	284 mm
Discrete GPU manufacturer	NVIDIA	Height	27.9 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight *	2.7 kg
Discrete graphics card memory	8 GB	<b>Packaging data</b>	
Discrete graphics memory type	GDDR6	Package width	563 mm
On-board graphics card *	✓	Package depth	80 mm
On-board GPU manufacturer	Intel	Package height	355 mm
Discrete graphics card *	✓	Package weight	0.5 g
On-board graphics card family	Intel® UHD Graphics	Package volume	15680 cm <sup>3</sup>
On-board graphics card model *	Intel® UHD Graphics	<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



4711377095716

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 18-JUN-2024. Prints or copies of Information are only valid on the printed Publication date