



MSI Gaming Vector GP68 HX 13VH-085UK Intel® Core™ i9 i9-13950HX Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : MSI

Product family: Gaming

Product code: VECTOR GP68 HX 13VH-085UK

Product name : Vector GP68 HX 13VH-085UK



- Windows 11 Home
 - Intel Core i9-13950HX (36MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
 Intel Core i9-13950HX (36MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
 MSI Gaming Vector GP68 HX 13VH-085UK. 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: 1920 x 1200 pixels. Internal memory: 16 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 4080. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Audio	
Colour name	Cosmos Gray	Speakers manufacturer	Nahimic
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera resolution	1280 x 720 pixels
Original brand name	MSI	Front camera HD type	HD
Display		Video capturing speed	30 fps
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	Full HD+	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display diagonal (metric)	40.6 cm	WLAN controller model	Intel Wi-Fi 6E AX211
RGB colour space	DCI-P3	WLAN controller manufacturer	Intel
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	144 Hz	Ethernet LAN data rates	2500 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i9	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	i9-13950HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor boost frequency	5.5 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	16	HDMI version	2.1
Performance-core Max Turbo Frequency	5.5 GHz		
Efficient-core Max Turbo Frequency	4 GHz		

Processor		Ports & interfaces	
Processor cache	36 MB	Thunderbolt 4 ports quantity	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Bus type	DMI4	Combo headphone/mic port	✓
Configurable TDP-down	45 W	Charging port type	USB Type-C
Processor base power	55 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	157 W		
Memory		Performance	
Internal memory *	16 GB	Repairability index	6.7
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	5600 MHz	Pointing device	Touchpad
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	64 GB	Keyboard backlit zone	Per-key RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Processor special features	
Total SSDs capacity	1 TB	Intel Flex Memory Access	✓
Number of SSDs installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
SSD capacity	1 TB	CPU configuration (max)	1
SSD interface	PCI Express 4.0	Embedded options available	✗
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Number of battery cells	4
Discrete graphics card memory	12 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	330 W
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board graphics card family	Intel® UHD Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	357 mm
Audio system	Nahimic 3	Depth	284 mm
Number of built-in speakers	2	Height (front)	2.22 cm
		Height (rear)	2.85 cm
		Weight *	2.67 kg



4711377117890

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