



# MSI GE78HX 13VI-062UK Raider Intel® Core™ i9 i9-13980HX Laptop 43.2 cm (17") Quad HD+ 16 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Black



Brand : MSI

Product code: GE78HX 13VI-062UK

Product name : GE78HX 13VI-062UK Raider

- Intel Core i9-13980HX (36MB Cache)  
- 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4090 (16GB GDDR6)  
- 16GB (5600MHz) DDR5-SDRAM & 2000GB SSD  
Intel Core i9-13980HX (36MB Cache), 16GB DDR5-SDRAM, 2000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam  
MSI GE78HX 13VI-062UK Raider. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4090. Product colour: Black. Weight: 3.1 kg

Design		Audio	
Colour name	Core Black	Number of built-in speakers	2
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 *	43.2 cm (17")	Video capturing speed	30 fps
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type	Quad HD+	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i9	Ethernet LAN	✓
Processor generation	13th gen Intel® Core™ i9	Bluetooth	✓
Processor model *	i9-13980HX	Bluetooth version	5.3
Processor cores	24	Ports & interfaces	
Processor boost frequency	5.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Memory		Ethernet LAN (RJ-45) ports	1
Internal memory *	16 GB	HDMI ports quantity *	1
Internal memory type	DDR5-SDRAM	Thunderbolt 4 ports quantity	1
Memory clock speed	5600 MHz	Intel® Thunderbolt 4	✓
Maximum internal memory *	64 GB	Combo headphone/mic port	✓
Storage		USB Type-C DisplayPort Alternate Mode	✓
Total storage capacity *	2 TB	Performance	
Storage media *	SSD	Motherboard chipset	Intel HM770
Total SSDs capacity	2 TB	Keyboard	
Number of SSDs installed	1	Pointing device	Touchpad
SSD capacity	2 TB	Numeric keypad *	✓
SSD interface	PCI Express		
Optical drive type *	✗		
Card reader integrated	✓		

Storage		Keyboard	
Compatible memory cards	SD	Keyboard backlit	✓
Graphics		Keyboard backlit colour	RGB
Discrete GPU manufacturer	NVIDIA	Battery	
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Number of battery cells	4
Discrete graphics card memory	16 GB	Battery capacity *	99 Wh
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	330 W
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	380 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	298 mm
		Height	23 mm
		Weight *	3.1 kg

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