



MSI Gaming Raider GE78 HX 14VIG-645UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm (17") Quad HD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Gaming

Product code: RAIDER GE78 HX 14VIG-645UK



Product name : Raider GE78 HX 14VIG-645UK

- Windows 11 Pro
- Intel Core i9-14900HX (36MB Cache)
- 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4090 (16GB GDDR6)
- 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD
- Intel Core i9-14900HX (36MB Cache), 64GB 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, Windows 11 Pro

MSI Gaming Raider GE78 HX 14VIG-645UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 64 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. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Core Black	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel® UHD Graphics
Original brand name	MSI	On-board graphics card model *	Intel® UHD Graphics
Display		Audio	
Display diagonal *	43.2 cm (17")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speaker power	2 W
Touchscreen *	✗	Camera	
HD type	Quad HD+	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Anti-glare screen	✓	Front camera HD type	Full HD
RGB colour space	DCI-P3	Video capturing speed	30 fps
Colour gamut	100%	Infrared (IR) camera	✓
Maximum refresh rate	240 Hz	Privacy camera	✓
Processor		Privacy type	Privacy shutter
Processor manufacturer *	Intel	Network	
Processor family *	Intel® Core™ i9	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor generation	Intel® Core™ i9 (14th gen)	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor model *	i9-14900HX	Mobile network connection *	✗
Processor cores	24	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	5.8 GHz	WLAN controller manufacturer	Killer
Performance cores	8	Ethernet LAN	✓
Efficient cores	16	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Performance-core Max Turbo Frequency	5.8 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Bluetooth version	5.4
Performance-core base frequency	2.2 GHz	Ports & interfaces	
Efficient-core base frequency	1.6 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache type	Smart Cache		
Processor base power	55 W		

Processor		Ports & interfaces	
Maximum turbo power	157 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Memory		Ethernet LAN (RJ-45) ports	1
Internal memory *	64 GB	HDMI ports quantity *	1
Internal memory type	DDR5-SDRAM	HDMI version	2.1
Memory clock speed	5600 MHz	Thunderbolt 4 ports quantity	1
Memory layout (slots x size)	2 x 32 GB	Intel® Thunderbolt 4	✓
Memory slots	2x SO-DIMM	Combo headphone/mic port	✓
Maximum internal memory *	96 GB	USB Type-C DisplayPort Alternate Mode	✓
Storage		Performance	
Total storage capacity *	2 TB	Motherboard chipset	Intel HM770
Storage media *	SSD	Keyboard	
Total SSDs capacity	2 TB	Pointing device	Touchpad
Number of SSDs installed	1	Numeric keypad *	✓
SSD capacity	2 TB	Keyboard backlit	✓
SSD interface	PCI Express 4.0	Keyboard backlit colour	RGB
NVMe	✓	Software	
SSD form factor	M.2	Operating system installed *	Windows 11 Pro
Optical drive type *	✗	Battery	
Card reader integrated	✓	Number of battery cells	4
Compatible memory cards	SD	Battery capacity *	99.9 Wh
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	330 W
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Weight & dimensions	
Discrete graphics card memory	16 GB	Width	380 mm
Discrete graphics memory type	GDDR6	Depth	298 mm
		Height (front)	2.29 cm
		Height (rear)	2.88 cm
		Weight *	3.1 kg



4711377165747

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