



# MSI Gaming Raider GE78 HX 14VGG-207UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Advanced Black

Brand : MSI

Product family: Gaming

Product code: RAIDER GE78 HX 14VGG-207UK

Product name : Raider GE78 HX 14VGG-207UK



- Windows 11 Home  
 - Intel Core i9-14900HX (36MB Cache)  
 - 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)  
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD  
 Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home  
 MSI Gaming Raider GE78 HX 14VGG-207UK. 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: 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		Graphics	
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	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor family *	Intel® Core™ i9	Mobile network connection *	✗
Processor generation	Intel® Core™ i9 (14th gen)	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor model *	i9-14900HX	WLAN controller manufacturer	Killer
Processor cores	24	Ethernet LAN	✓
Processor threads	32	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor boost frequency	5.8 GHz	Bluetooth	✓
Performance cores	8	Bluetooth version	5.4
Efficient cores	16	Ports & interfaces	
Performance-core Max Turbo Frequency	5.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core base frequency	2.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Efficient-core base frequency	1.6 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core boost frequency	1.6 GHz	HDMI ports quantity *	1
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 layout (slots x size)	2 x 16 GB	<b>Keyboard</b>	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
<b>Storage</b>		Numeric keypad *	✓
Total storage capacity *	1 TB	Keyboard backlit	✓
Storage media *	SSD	Keyboard backlit colour	RGB
Total SSDs capacity	1 TB	<b>Software</b>	
Number of SSDs installed	1	Operating system installed *	Windows 11 Home Advanced
SSD capacity	1 TB	<b>Battery</b>	
SSD interface	PCI Express 4.0	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	99.99 Wh
Card reader integrated	✓	<b>Power</b>	
Compatible memory cards	SD	AC adapter power	330 W
<b>Graphics</b>		<b>Weight &amp; dimensions</b>	
Discrete GPU manufacturer	NVIDIA	Width	380 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Depth	298 mm
Discrete graphics card memory	8 GB	Height (front)	2.29 cm
Discrete graphics memory type	GDDR6	Height (rear)	2.88 cm
On-board graphics card *	✓	Weight *	3.1 kg
		<b>Packaging data</b>	
		Package width	461 mm
		Package depth	119 mm
		Package height	376 mm
		<b>Other features</b>	
		Warranty period	2 year(s)



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