



**MSI Gaming Raider GE68 HX 14VGG-249UK Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Black**

**Brand :** MSI

**Product family:** Gaming

**Product code:** RAIDER GE68 HX 14VGG-249UK



**Product name :** Raider GE68 HX 14VGG-249UK



- Windows 11 Home  
 - Intel Core i9-14900HX (36MB Cache)  
 - 40.6 cm (16") Quad HD+ 2560 x 1600 UWVA, 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, 40.6 cm (16") Quad HD+ 2560 x 1600 UWVA, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home  
 MSI Gaming Raider GE68 HX 14VGG-249UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 40.6 cm (16"), 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. Product colour: Black

Design		Graphics	
Colour name	Core Black	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
<b>Display</b>		On-board graphics card family	Intel® UHD Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel® UHD Graphics
Display resolution *	2560 x 1600 pixels	<b>Audio</b>	
Touchscreen *	✗	Number of built-in speakers	4
HD type	Quad HD+	Speaker power	2 W
Panel type	UWVA	<b>Camera</b>	
Native aspect ratio	16:10	Front camera	✓
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	<b>Network</b>	
<b>Processor</b>		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 i9-14xxx	Bluetooth	✓
Processor model *	i9-14900HX	Bluetooth version	5.4
Processor cores	24	<b>Ports &amp; interfaces</b>	
Processor threads	32	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor boost frequency	5.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Efficient cores	16	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.8 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz	HDMI version	2.1
Performance-core base frequency	2.2 GHz	Thunderbolt 4 ports quantity	1
Efficient-core base frequency	1.6 GHz	Intel® Thunderbolt 4	✓
Processor cache	36 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor base power	55 W	Combo headphone/mic port	✓
Maximum turbo power	157 W	<b>Performance</b>	
<b>Memory</b>		Motherboard chipset	Intel HM770
Internal memory *	32 GB	<b>Keyboard</b>	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	96 GB	<b>Software</b>	
<b>Storage</b>		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	99.9 Wh
SSD capacity	1 TB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	280 W
NVMe	✓	<b>Security</b>	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	SD	<b>Weight &amp; dimensions</b>	
<b>Graphics</b>		Width	357 mm
Discrete GPU manufacturer	NVIDIA	Depth	284 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Height	27.9 mm
Discrete graphics card memory	8 GB	Weight *	2.7 kg



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