



## MSI Gaming Raider GE68 HX 14VIG-296FR Intel® Core™ i9 i9-14900HX Laptop 40,6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** MSI

**Product family:** Gaming

**Article code:** RAIDER GE68 HX 14VIG-296FR

**Product name :** Raider GE68 HX 14VIG-296FR

MSI Gaming Raider GE68 HX 14VIG-296FR. 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: 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 color: 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
Display		On-board graphics card model *	Intel® UHD Graphics
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	4
Touchscreen *	✗	Speaker power	2 W
HD type	Quad HD+	Camera	
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	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)	Bluetooth	✓
Processor model *	i9-14900HX	Bluetooth version	5.4
Processor cores	24	Ports & interfaces	
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		
Efficient-core Max Turbo Frequency	4.1 GHz		
Performance-core base frequency	2.2 GHz		

Processor		Ports & interfaces	
Efficient-core base frequency	1.6 GHz	HDMI ports quantity *	1
Processor cache	36 MB	HDMI version	2.1
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	1
Processor base power	55 W	Intel® Thunderbolt 4	✓
Maximum turbo power	157 W	Combo headphone/mic port	✓
Memory		Performance	
Internal memory *	32 GB	Motherboard chipset	Intel HM770
Internal memory type	DDR5-SDRAM	Repairability index	8.1
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Keyboard layout	AZERTY
Memory slots	2x SO-DIMM	Keyboard language	French
Maximum internal memory *	64 GB	Numeric keypad *	✓
Storage		Keyboard backlit	✓
Total storage capacity *	2 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Software	
Total SSDs capacity	2 TB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Battery	
SSD capacity	2 TB	Battery technology	Lithium Polymer (LiPo)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	99.9 Wh
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	280 W
Compatible memory cards	SD	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Weight & dimensions	
Discrete graphics card memory	16 GB	Width	357 mm
Discrete graphics memory type	GDDR6	Depth	284 mm
		Height (front)	2.22 cm
		Height (rear)	2.79 cm
		Weight *	2.75 kg



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