

MSI Gaming Raider GE68 HX 14VIG-416BE Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") UHD+ 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

Product code: RAIDER GE68 HX 14VIG-416BE

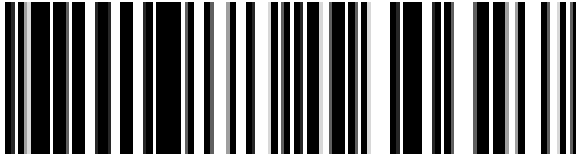
Product name : Raider GE68 HX 14VIG-416BE



- Windows 11 Pro
 - Intel Core i9-14900HX (2.2GHz)
 - 40.6 cm (16") UHD+ 3840 x 2400 UWVA, NVIDIA GeForce RTX 4090 (16GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD
 Intel Core i9-14900HX (2.2GHz), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 UWVA, NVIDIA GeForce RTX 4090 (16GB GDDR6), WLAN, Webcam, Windows 11 Pro
 MSI Gaming Raider GE68 HX 14VIG-416BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 40.6 cm (16"), HD type: UHD+, Display resolution: 3840 x 2400 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 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
Display		On-board graphics card model *	Intel® UHD Graphics
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	3840 x 2400 pixels	Number of built-in speakers	4
Touchscreen *	✗	Speaker power	2 W
HD type	UHD+	Camera	
Panel type	UWVA	Front camera	✓
Native aspect ratio	16:10	Front camera HD type	Full HD
Anti-glare screen	✓	Video capturing speed	30 fps
Display brightness	1000 cd/m²	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	120 Hz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i9	Bluetooth version	5.4
Processor generation	Intel® Core™ i9 (14th gen)	Ports & interfaces	
Processor model *	i9-14900HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor threads	32	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor boost frequency	5.8 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	16	HDMI version	2.1
Performance-core Max Turbo Frequency	5.8 GHz	Thunderbolt 4 ports quantity	1
Efficient-core Max Turbo Frequency	4.1 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.2 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.6 GHz		
Processor cache	36 MB		

Processor		Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel HM770
Processor base power	55 W	Keyboard	
Maximum turbo power	157 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	5600 MHz	Software	
Memory layout (slots x size)	2 x 16 GB	Operating system installed *	Windows 11 Pro
Memory slots	2x SO-DIMM	MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trial 60days) Norton Studio (Metro) (permanent free) Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0	
Maximum internal memory *	64 GB	Bundled software	
Storage		Battery	
Total storage capacity *	2 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	2 TB	Battery capacity *	99.9 Wh
Number of SSDs installed	1	Power	
SSD capacity	2 TB	AC adapter power	280 W
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	357 mm
Graphics		Depth	284 mm
Discrete GPU manufacturer	NVIDIA	Height	27.9 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Weight *	2.7 kg
Discrete graphics card memory	16 GB		
Discrete graphics memory type	GDDR6		



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