



**MSI Vector 16 HX A14VGG-259BE Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Black**

**Brand :** MSI

**Product code:** VECTOR 16 HX A14VGG-259BE

**Product name :** Vector 16 HX A14VGG-259BE

- Windows 11 Home  
- Intel Core i9-14900HX (2.2GHz)  
- 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)  
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD  
Intel Core i9-14900HX (2.2GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Vector 16 HX A14VGG-259BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX, Processor frequency: 2.2 GHz. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Cosmos Gray	Number of built-in speakers	2
Product type *	Laptop	Speakers manufacturer	Nahimic
Product colour *	Black	Speaker power	2 W
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Original brand name	MSI	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Video capturing speed	30 fps
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type	Quad HD+	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	400 cd/m²	Antenna type	2x2
RGB colour space	DCI-P3	WLAN controller manufacturer	Intel
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	240 Hz	Ethernet LAN data rates	2500 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i9	Ports & interfaces	
Processor generation	Intel® Core™ i9 (14th gen)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	i9-14900HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor frequency *	2.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Memory		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		

Memory		Ports & interfaces	
Memory form factor	SO-DIMM	Ethernet LAN (RJ-45) ports	1
Memory layout (slots x size)	2 x 8 GB	HDMI ports quantity *	1
Memory slots	2x SO-DIMM	HDMI version	2.1
Maximum internal memory *	64 GB	Thunderbolt 4 ports quantity	1
Storage		Intel® Thunderbolt 4	✓
Total storage capacity *	1 TB	Combo headphone/mic port	✓
Storage media *	SSD	USB Type-C DisplayPort Alternate Mode	✓
Total SSDs capacity	1 TB	Performance	
Number of SSDs installed	1	Motherboard chipset	Intel HM770
SSD capacity	1 TB	Keyboard	
SSD interface	PCI Express 4.0	Pointing device	Touchpad
NVMe	✓	Numeric keypad *	✓
Optical drive type *	✗	Keyboard backlit	✓
Card reader integrated	✓	Keyboard backlit colour	RGB
Compatible memory cards	SD	Keyboard backlit zone	Per-key RGB
Graphics		Software	
Discrete GPU manufacturer	NVIDIA	Operating system installed *	Windows 11 Home
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Battery	
Discrete graphics card memory	8 GB	Battery technology	Lithium Polymer (LiPo)
Discrete graphics memory type	GDDR6	Number of battery cells	4
On-board graphics card *	✓	Battery capacity *	90 Wh
Discrete graphics card *	✓	Power	
On-board graphics card family	Intel® UHD Graphics	AC adapter power	330 W
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	380 mm
Audio system	Nahimic 3	Depth	298 mm
		Height	23 mm
		Weight *	3 kg



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