



MSI Vector 16 HX 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: 9S7-15M242-293

Product name : Vector 16 HX

- Windows 11 Home
- Intel Core i9-14900HX (36MB Cache)
- 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 (36MB Cache), 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. 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: 16 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	Cosmos Gray	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
Market positioning	Gaming	On-board graphics card model *	Intel® UHD Graphics
Original brand name	MSI	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	Quad HD+	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1280 x 720 pixels
RGB colour space	DCI-P3	Front camera HD type	HD
Colour gamut	100%	Video capturing speed	30 fps
Maximum refresh rate	240 Hz	Infrared (IR) camera	✓
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel® Core™ i9	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor generation	Intel® Core™ i9 (14th gen)	Mobile network connection *	✗
Processor model *	i9-14900HX	Antenna type	2x2
Processor cores	24	WLAN controller manufacturer	Intel
Processor threads	32	Ethernet LAN	✓
Processor boost frequency	5.8 GHz	Ethernet LAN data rates	2500 Mbit/s
Performance cores	8	Bluetooth	✓
Efficient cores	16	Bluetooth version	5.2
Performance-core Max Turbo Frequency	5.8 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	4.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance-core base frequency	2.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core base frequency	1.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cache type	Smart Cache	Ethernet LAN (RJ-45) ports	1
Processor base power	55 W	HDMI ports quantity *	1
Maximum turbo power	157 W	HDMI version	2.1
Memory		Thunderbolt 4 ports quantity	1
Internal memory *	16 GB	Intel® Thunderbolt 4	✓
Internal memory type	DDR5-SDRAM	Combo headphone/mic port	✓
Memory clock speed	5600 MHz	USB Type-C DisplayPort Alternate Mode	✓
Memory form factor	SO-DIMM	Performance	
Memory layout (slots x size)	2 x 8 GB	Motherboard chipset	Intel HM770
Memory slots	2x SO-DIMM	Keyboard	
Maximum internal memory *	96 GB	Pointing device	Touchpad
Storage		Numeric keypad *	✓
Total storage capacity *	1 TB	Keyboard backlit	✓
Storage media *	SSD	Keyboard backlit colour	RGB
Total SSDs capacity	1 TB	Keyboard backlit zone	Per-key RGB
Number of SSDs installed	1	Software	
SSD capacity	1 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Battery	
NVMe	✓	Battery technology	Lithium Polymer (LiPo)
Optical drive type *	✗	Number of battery cells	4
Card reader integrated	✓	Battery capacity *	90 Wh
Compatible memory cards	SD	Power	
Graphics		AC adapter power	330 W
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Width	380 mm
Discrete graphics card memory	8 GB	Depth	298 mm
Discrete graphics memory type	GDDR6	Height	23 mm
		Weight *	3 kg

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-DEC-2024. Prints or copies of Information are only valid on the printed Publication date