



MSI Vector 17 HX A14VHG-608UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : MSI

Product family: Vector

Product code: VECTOR 17 HX A14VHG-608UK

Product name : Vector 17 HX A14VHG-608UK



- Windows 11 Home
 - Intel Core i9-14900HX (36MB Cache)
 - 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

[MSI Vector 17 HX A14VHG-608UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm \(17"\) Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 \(802.11be\) Windows 11 Home Black:](#)



Indulged in performance with the Vector 17 HX A14V, gives users the tools to freely innovate as they choose to. The Vector 17 HX A14V stands as the ultimate choice for STEM enthusiasts, tailored to optimize their endeavors.

Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	Nahimic 3
Market positioning	Gaming	Number of built-in speakers	2
Original brand name	MSI	Speakers manufacturer	Nahimic
Display		Speaker power	2 W
Display diagonal *	43.2 cm (17")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	HD
HD type	Quad HD+	Video capturing speed	30 fps
Native aspect ratio	16:10	Infrared (IR) camera	✓
Anti-glare screen	✓	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum refresh rate	240 Hz	Mobile network connection *	✗
Processor		WLAN controller model	Killer Wi-Fi 7 BE1750
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel® Core™ i9	Ethernet LAN	✓
Processor generation	Intel® Core™ i9 (14th gen)	Ethernet LAN data rates	2500 Mbit/s
Processor model *	i9-14900HX	Bluetooth	✓
Processor cores	24	Bluetooth version	5.4
Processor threads	32	Ports & interfaces	
Processor boost frequency	5.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Performance cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core Max Turbo Frequency	5.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core Max Turbo Frequency	4.1 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.2 GHz		
Efficient-core base frequency	1.6 GHz		
Processor cache	36 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	55 W	HDMI version	2.1
Maximum turbo power	157 W	Thunderbolt 4 ports quantity	1
Memory		Intel® Thunderbolt 4	✓
Internal memory *	32 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	USB Type-C DisplayPort Alternate Mode	✓
Memory clock speed	5600 MHz	Performance	
Memory form factor	SO-DIMM	Motherboard chipset	Intel HM770
Memory layout (slots x size)	2 x 16 GB	Keyboard	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	96 GB	Numeric keypad *	✓
Storage		Keyboard backlit	✓
Total storage capacity *	1 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Keyboard backlit zone	Per-key RGB
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	1 TB	Battery	
SSD interface	PCI Express 4.0	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	90 Wh
Card reader integrated	✓	Power	
Compatible memory cards	SD	AC adapter power	330 W
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	380 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Depth	298 mm
Discrete graphics card memory	12 GB	Height	23 mm
Discrete graphics memory type	GDDR6	Height (front)	2.35 cm
On-board graphics card *	✓	Height (rear)	2.94 cm
On-board GPU manufacturer	Intel	Weight *	3 kg
Discrete graphics card *	✓	Packaging data	
		Package width	461 mm
		Package depth	119 mm
		Package height	376 mm
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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