



**MSI Vector A14VHG-617FR 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 Pro Black**

Brand : MSI

Product family: Vector

Article code: VECTOR 17 HX
A14VHG-617FR

Product name :
A14VHG-617FR



MSI Vector A14VHG-617FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 43,2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 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 4080. Operating system installed: Windows 11 Pro. Product color: Black

Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card 4K support	✓
Product type *	Laptop	On-board graphics card 6K support	✓
Product colour *	Black	Graphics card Open GL support	✓
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Audio system	Nahimic 3
Original brand name	MSI	Number of built-in speakers	2
Display		Speakers manufacturer	Nahimic
Display diagonal *	43.2 cm (17")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Quad HD+	Front camera HD type	HD
Native aspect ratio	16:10	Video capturing speed	30 fps
Anti-glare screen	✓	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Privacy camera	✓
Colour gamut	100%	Privacy type	Privacy shutter
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)	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor model *	i9-14900HX	WLAN controller manufacturer	Killer
Processor cores	24	Ethernet LAN	✓
Processor boost frequency	5.8 GHz	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Performance cores	8	Bluetooth	✓
Efficient cores	16	Bluetooth version	5.4
Performance-core Max Turbo Frequency	5.8 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A 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	2
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 *	32 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 16 GB	Motherboard chipset	Intel HM770
Memory slots	2x SO-DIMM	Repairability index	8.1
Maximum internal memory *	96 GB	Keyboard	
Storage		Pointing device	Touchpad
Total storage capacity *	1 TB	Keyboard language	French
Storage media *	SSD	Numeric keypad *	✓
Total SSDs capacity	1 TB	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	1 TB	Keyboard backlit zone	Per-key RGB
SSD interface	PCI Express 4.0	Software	
NVMe	✓	Operating system installed *	Windows 11 Pro
SSD form factor	M.2	Battery	
Optical drive type *	✗	Battery technology	Lithium Polymer (LiPo)
Card reader integrated	✓	Number of battery cells	4
Compatible memory cards	SD	Battery capacity *	90 Wh
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	330 W
Discrete graphics card model *	NVIDIA GeForce RTX 4080	USB Power Delivery (USB PD) *	✓
Discrete graphics card memory	12 GB	Security	
Discrete graphics memory type	GDDR6	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Kensington
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	380 mm
On-board graphics card family	Intel® UHD Graphics	Depth	298 mm
On-board graphics card model *	Intel® UHD Graphics	Height (front)	2.35 cm
		Height (rear)	2.94 cm
		Weight *	3 kg



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