



MSI Vector 17 HX AI A2XWJG-039 Intel Core Ultra 9 275HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home German Grey

Brand : MSI

Product family: Vector

Product code: VECTOR 17 HX
AI A2XWJG-039

Product name : Vector 17 HX
AI A2XWJG-039

- Windows 11 Home
- Intel Core Ultra 9 275HX (36MB Cache)
- 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 5090 (24GB GDDR7)
- 32GB (6400MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD

Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home

MSI Vector 17 HX AI A2XWJG-039. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 275HX. 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: 2 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Grey	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel® Graphics
Housing material	Linear low-density polyethylene (LLDPE)	On-board graphics card model *	Intel® Graphics
Original brand name	MSI	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	43.2 cm (17")	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	1920 x 1080 pixels
Maximum refresh rate	240 Hz	Front camera HD type	Full HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Infrared (IR) camera	✓
Processor family *	Intel Core Ultra 9	Privacy camera	✓
Processor generation	Intel Core Ultra (Series 2)	Privacy type	Privacy shutter
Processor model *	275HX	Network	
Processor cores	24	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor threads	24	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor boost frequency	5.4 GHz	Mobile network connection *	✗
Performance cores	8	WLAN controller model	Killer Wi-Fi 7 1750x
Efficient cores	16	Ethernet LAN	✓
Performance-core Max Turbo Frequency	5.4 GHz	Ethernet LAN data rates	2500 Mbit/s
Efficient-core Max Turbo Frequency	4.6 GHz	Bluetooth	✓

Processor		Network	
Performance-core base frequency	2.7 GHz	Bluetooth version	5.4
Efficient-core base frequency	2.1 GHz	Ports & interfaces	
Processor cache	36 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor base power	55 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	160 W	HDMI ports quantity *	1
Neural processor unit (NPU)		HDMI version	2.1
Neural processor unit (NPU)	Intel AI Boost	Thunderbolt 5 ports quantity	2
Sparsity support	✓	Intel® Thunderbolt 5	✓
Windows Studio effects support	✓	Combo headphone/mic port	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Performance	
Total processor performance up to	36 TOPs	Motherboard chipset	Intel HM870
NPU performance up to	13 TOPs	Keyboard	
GPU performance up to	8 TOPs	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	6400 MHz	Keyboard backlit zone	24-zone RGB
Memory layout (slots x size)	2 x 16 GB	Keyboard layout	QWERTZ
Memory slots	2x SO-DIMM	Keyboard language	German
Maximum internal memory *	96 GB	Copilot key	✓
Storage		Software	
Total storage capacity *	2 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	2 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	2 TB	Power	
SSD interface	PCI Express	AC adapter power	330 W
NVMe	✓	AC adapter input voltage	90 - 264 V
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	SD	Cable lock slot type	Kensington
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Weight & dimensions	
Discrete graphics card memory	24 GB	Width	380.3 mm
Discrete graphics memory type	GDDR7	Depth	298 mm
		Height (front)	2.29 cm
		Height (rear)	2.88 cm
		Weight *	3 kg
		Packaging content	
		AC adapter included *	✓



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