



MSI Vector 17 HX AI A2XWIG-040 Intel Core Ultra 9 275HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : MSI

Product code: VECTOR 17 HX AI A2XWIG-040

Product name : Vector 17 HX AI A2XWIG-040

- Windows 11 Home
- Intel Core Ultra 9 275HX (36MB Cache)
- 43.2 cm (17") Quad HD+ 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 32GB (5600MHz) 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 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home

MSI Vector 17 HX AI A2XWIG-040 Intel Core Ultra 9 275HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Grey:

Designed for STEM professionals, the Vector 17 HX AI delivers cutting-edge performance and rock-solid stability. It acts as a high-tech brain, seamlessly processing complex data with speed and precision. From software development to data analysis and simulations, the Vector 17 HX AI provides the performance and reliability engineers need to succeed.



Design		Graphics	
Colour name	Cosmos Gray	Discrete graphics card memory	16 GB
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	Grey	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Original brand name	MSI	Discrete graphics card *	✓
Display		On-board graphics card family	Intel® Graphics
Display diagonal *	43.2 cm (17")	On-board graphics card model *	Intel® Graphics
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Number of built-in speakers	2
HD type	Quad HD+	Speaker power	2 W
Panel type	IPS-Level	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
RGB colour space	DCI-P3	Front camera HD type	Full HD
Colour gamut	100%	Video capturing speed	30 fps
Maximum refresh rate	240 Hz	Infrared (IR) camera	✓
Processor		Privacy camera	✓
Processor manufacturer *	Intel	Privacy type	Privacy shutter
Processor family *	Intel Core Ultra 9	Network	
Processor generation	Intel Core Ultra (Series 2)	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor model *	275HX	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor cores	24	Mobile network connection *	✗
Processor threads	24	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	5.4 GHz	Ethernet LAN	✓
Performance cores	8	Ethernet LAN data rates	2500 Mbit/s
Efficient cores	16	Bluetooth	✓
Performance-core Max Turbo Frequency	5.4 GHz		

Processor		Network	
Efficient-core Max Turbo Frequency	4.6 GHz	Bluetooth version	5.4
Performance-core base frequency	2.7 GHz	Ports & interfaces	
Efficient-core base frequency	2.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cache	36 MB	Ethernet LAN (RJ-45) ports	1
Processor base power	55 W	HDMI ports quantity *	1
Maximum turbo power	160 W	HDMI version	2.1
Neural processor unit (NPU)		Thunderbolt 5 ports quantity	2
Neural processor unit (NPU)	Intel AI Boost	Intel® Thunderbolt 5	✓
Sparsity support	✓	Combo headphone/mic port	✓
Windows Studio effects support	✓	Performance	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Motherboard chipset	Intel HM870
Total processor performance up to	36 TOPs	Repairability index	8
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	5600 MHz	Keyboard backlit zone	24-zone RGB
Memory layout (slots x size)	2 x 16 GB	Copilot key	✓
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	96 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	Battery	
Storage		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	2 TB	AC adapter power	330 W
Number of SSDs installed	1	AC adapter input voltage	90 - 264 V
SSD capacity	2 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	380.3 mm
Graphics		Depth	298 mm
Discrete GPU manufacturer	NVIDIA	Height (front)	2.29 cm
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Height (rear)	2.88 cm
		Weight *	3 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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