



MSI Vector A16 HX A8WHG-023NL AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : MSI

Product family: Vector

Product code: VECTOR A16 HX
A8WHG-023NL

Product name : Vector A16 HX
A8WHG-023NL

- Windows 11 Home
- AMD Ryzen 9 8940HX (64MB Cache, 2.4GHz)
- 40.6 cm (16") Quad HD+ 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)
- 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
AMD Ryzen 9 8940HX (64MB Cache, 2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad
HD+ 2560 x 1600 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), LAN,
WLAN, Webcam, Windows 11 Home
MSI Vector A16 HX A8WHG-023NL. Product type: Laptop, Form factor: Clamshell. Processor family: AMD
Ryzen™ 9, Processor model: 8940HX, Processor frequency: 2.4 GHz. 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: AMD
Radeon 610M. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Camera	
Colour name	Cosmos Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Video capturing speed	30 fps
Housing material	Metal, Plastic	Infrared (IR) camera	✓
Market positioning	Performance	Privacy camera	✓
Original brand name	MSI	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Quad HD+	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	IPS-Level	WLAN controller manufacturer	Intel
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	2500 Mbit/s
Display brightness	500 cd/m²	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	240 Hz	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 9	Thunderbolt 5 ports quantity	2
Processor generation	AMD Ryzen 8000 Series	Intel® Thunderbolt 5	✓
Processor model *	8940HX	Combo headphone/mic port	✓
Processor cores	16	Performance	
Processor threads	32	Motherboard chipset	HM870
Processor boost frequency	5.3 GHz		
Processor frequency *	2.4 GHz		

Processor		Keyboard	
Processor cache	64 MB	Pointing device	Touchpad
Processor cache type	L2 & L3	Numeric keypad *	✔
Memory		Keyboard backlit	✔
Internal memory *	16 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	24-zone RGB
Memory clock speed	5200 MHz	Copilot key	✔
Memory layout (slots x size)	2 x 8 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	96 GB	Bundled software	Nvidia App, Nahimic 3, MSI App Player, Mystic Light, MSI Companion, Crosshair, Battery Master, MSI Center, Discrete Graphics Mode, MSI AI Engine, Intel Application Optimization, Microsoft Effect Pack (MEP)
Storage			
Total storage capacity *	1 TB		
Storage media *	SSD		
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity	5845 mAh
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✔	Power	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✘	DC-in jack	✔
Card reader integrated	✔	USB Type-C charging port *	✔
Compatible memory cards	SD	USB Power Delivery (USB PD)	✔
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✔
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Cable lock slot type	Kensington
Discrete graphics card memory	12 GB	Trusted Platform Module (TPM)	✔
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✔	Sustainability	
On-board GPU manufacturer	AMD	Sustainability certificates	EPEAT Silver
Discrete graphics card *	✔	Weight & dimensions	
On-board graphics card family	AMD Radeon Graphics	Width	357 mm
On-board graphics card model *	AMD Radeon 610M	Depth	284 mm
NVIDIA G-SYNC	✔	Height (front)	2.22 cm
Audio		Height (rear)	2.85 cm
Audio system	Nahimic 3	Weight *	2.7 kg
Number of built-in speakers	2	Packaging content	
Speakers manufacturer	Nahimic	AC adapter included *	✔
Speaker power	2 W	Other features	
		Warranty period	2 year(s)



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