



**MSI Vector 16 HX AI A2XWHG-082IT Intel Core Ultra 7 255HX  
Computer portatile 40,6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1  
TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11  
Home Grigio**

**Marchio :** MSI

**Codice prodotto:** 9S7-15M352-082

**Nome del prodotto :** Vector 16 HX AI A2XWHG-082IT

16" QHD+ (2560x1600), 16:10, 240Hz, 100% DCI-P3, IPS-Level, Intel Core Ultra 7 255HX,DDR5, 16GB (8GB\*2), DDR5, 2 slots, up to 96GB 6400MHz, 1TB\*1 NVMe SSD PCIe 4x4, 357 x 284 x 22.2~28.55mm, 2700 g

MSI Vector 16 HX AI A2XWHG-082IT. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel Core Ultra 7, Modello del processore: 255HX. Dimensioni diagonale schermo: 40,6 cm (16"), Tipologia HD: Quad HD+, Risoluzione del display: 2560 x 1600 Pixel. RAM installata: 16 GB, Tipo di RAM: DDR5-SDRAM. Capacità totale di archiviazione: 1 TB, Supporto di memoria: SSD. Scheda grafica dedicata: NVIDIA GeForce RTX 5070. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Grigio. Peso: 2,7 kg



Design		Graphics	
Colour name	Cosmos Gray	Discrete graphics memory type	GDDR7
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Grey	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
HD type	Quad HD+	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Privacy type	Privacy shutter
Maximum refresh rate	240 Hz	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	Ethernet LAN	✓
Processor generation	Intel Core Ultra (Series 2)	Bluetooth	✓
Processor model *	255HX	Bluetooth version	5.4
Processor cores	20	Ports & interfaces	
Processor threads	20	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor boost frequency	5.2 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	12	HDMI version	2.1
Performance-core Max Turbo Frequency	5.2 GHz	Thunderbolt 5 ports quantity	2
Efficient-core Max Turbo Frequency	4.5 GHz	Performance	
Performance-core base frequency	2.4 GHz	Motherboard chipset	HM870
Efficient-core base frequency	1.8 GHz	Keyboard	
Processor cache	30 MB	Numeric keypad *	✓
Processor socket	FCBGA 2114	Keyboard backlit	✓
Processor base power	55 W	Keyboard backlit colour	RGB
Maximum turbo power	160 W	Keyboard backlit zone	24-zone RGB
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost		

Neural processor unit (NPU)		Keyboard	
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Operating system installed *	Windows 11 Home
NPU performance up to	13 TOPs	Processor special features	
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	16 GB	Idle States	✓
Internal memory type	DDR5-SDRAM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory clock speed	6400 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	2 x 8 GB	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	96 GB	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	330 W
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	MicroSD (TransFlash)	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Width	357 mm
Discrete graphics card memory	12 GB	Depth	284 mm
		Height (front)	2.22 cm
		Height (rear)	2.85 cm
		Weight *	2.7 kg



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