



**MSI Vector 16 HX A13VHG-279UK Intel® Core™ i7 i7-13850HX
Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home
Grey**

Brand : MSI

Product family: Vector

Product code: VECTOR 16 HX
A13VHG-279UK

Product name : Vector 16 HX
A13VHG-279UK

- Windows 11 Home
- Intel Core i7-13850HX (30MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
Intel Core i7-13850HX (30MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Vector 16 HX A13VHG-279UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13850HX. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 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 Home. Product colour: Grey



Design		Graphics	
Colour name	Cosmos Gray	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Grey	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Graphics card Open GL support	✓
Market positioning	Gaming	Audio	
Original brand name	MSI	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1280 x 720 pixels
HD type	Full HD+	Front camera HD type	HD
Native aspect ratio	16:10	Video capturing speed	30 fps
Anti-glare screen	✓	Infrared (IR) camera	✓
Maximum refresh rate	144 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™ i7	Mobile network connection *	✗
Processor generation	13th gen Intel® Core™ i7	WLAN controller model	Killer Wi-Fi 6E AX1675
Processor model *	i7-13850HX	Ethernet LAN	✓
Processor cores	20	Ethernet LAN data rates	2500 Mbit/s
Processor boost frequency	5.3 GHz	Bluetooth	✓
Performance cores	8	Bluetooth version	5.2
Efficient cores	12	Ports & interfaces	
Performance-core Max Turbo Frequency	5.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cache	30 MB		
Processor cache type	Smart Cache		

Processor		Ports & interfaces	
Processor base power	55 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum turbo power	157 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Memory		Ethernet LAN (RJ-45) ports	1
Internal memory *	16 GB	HDMI ports quantity *	1
Internal memory type	DDR5-SDRAM	HDMI version	2.1
Memory clock speed	5600 MHz	Thunderbolt 4 ports quantity	1
Memory form factor	SO-DIMM	Intel® Thunderbolt 4	✓
Memory layout (slots x size)	2 x 8 GB	Combo headphone/mic port	✓
Memory slots	2x SO-DIMM	USB Type-C DisplayPort Alternate Mode	✓
Maximum internal memory *	64 GB	Keyboard	
Storage		Pointing device	Touchpad
Total storage capacity *	1 TB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Total SSDs capacity	1 TB	Keyboard backlit colour	RGB
Number of SSDs installed	1	Keyboard backlit zone	Per-key RGB
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Home
NVMe	✓	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	Weight & dimensions	
Discrete graphics card memory	12 GB	Width	380 mm
Discrete graphics memory type	GDDR6	Depth	298 mm
On-board graphics card *	✓	Height	23 mm
On-board GPU manufacturer	Intel	Weight *	3 kg



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