

Model	
Part No	957-15M142-809
SKU Number	
Website Name	Vector 16 HX A14VHG
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	Vector
Segment Name2	Vector16HXA
Segment Name3	Vector16HX A14VHG
Model	15M1
MKT Name	Vector 16 HX A14VHG
Entity MKT Name	
MKT Spec	Vector 16 HX A14VHG-809BG
System/Barebone	System
Chassis Color	
Color	D4(GG)Cosmos Gray-Black-Cosmos Gray-Cosmos Gray
Color Website	Cosmos Gray
Chassis Material	
A Side	Metal
B Side	Plastic
C Side	Plastic
D Side	Plastic
Display	
Screen Size	16
Resolution	IPS-Level QHD+
Pixel	2560x1600
LCD Features	ANTI-GLARE
Screen Touch	Non-touch
Frame Rate	240Hz
Response Time	G to G 3ms
Color Range	100% DCI-P3
Screen Size Website	16"
Pixel Website	QHD+(2560x1600)
Frame Rate Website	240Hz Refresh Rate
Color Range Website	100% DCI-P3(Typical)
Display Type Website	IPS-Level
HDR Value	N/A
Touch Feature Website	NA
Brightness	500 nits
CPU	
CPU Type	24 CORE
CPU Core Name	RAPTOR LAKE HX REFRESH
CPU Socket	FCBGA-1964pin
CPU Number	i9-14900HX
CPU Clock	2.2GHz
CPU Cores	24
CPU Core Name Website	N/A
CPU Number Website	Intel® Core™ i9 processor 14900HX
CPU Number Website For GC	Intel® Core™ i9 processor 14900HX
CPU Specification Website	24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.8 GHz
Chipset	
Chipsets	HM770
Chipset SoC Website	Intel® HM770
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX 4080
GPU1 Number	RTX 4080
GPU1 MKT Name Website	NVIDIA® GeForce RTX™ 4080 Laptop GPU powers advanced AI with 542 AI TOPS
GPU1 Boost Clock Website	Up to 2280MHz Boost Clock, 175W Maximum Graphics Power with Dynamic Boost, Max. 240W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
GPU1 Remark Website	*Full-Power GPU Design
CPU and GPU Combined Power	
Combined Power Website	Max. 240W CPU-GPU Power with MSI OverBoost Technology.
OverBoost Ultra Remark Website	N/A
Scenario Remark Website	N/A
Cooling	
Thermal	Cooler Boost 5
Fan	2
Fan Technology	N/A
Pipe	6
Vapor Chamber	N/A
Video Memory	
GPU1 VRAM Size	12GB
GPU1 VRAM Type	GDDR6
Integrated Graphics	
GPU1 Graphics Website	Intel® UHD Graphics
Memory	
Memory Size	16GB*2
Memory Module	DDR5-5600
Memory(Slot) Max Speed	Up to DDR5-5600
Memory Form	N/A
Memory Remark Website	*Vary by Memory capacity
Memory Slot and Max Capacity	
Memory Max Speed	Up to DDR5-5600
Memory Slot	2 Slots
Memory Max Capacity Website	Max 96GB
Storage	
SSD Interface	PCIe GEN4x4 w/o DRAM NVMe
SSD Form Factor	M.2-2280 M-KEY
SSD Size	1TB*1
HDD1 Interface	N/A
HDD1 Form Factor	N/A
HDD size	N/A
HDD1 RPM	N/A
ODD Type	N/A
Multi Bay	N/A
SSD Gen Website	NVMe SSD PCIe Gen4
2.5" HDD Website	N/A
SSD Remark	N/A
Storage Slot	
SSD (NVMe PCIe Gen) Website	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
HDD Website	N/A
LAN	
LAN Website	2.5 Gigsabit Ethernet
LAN	REALTEK(RTL8125BG-CG
RJ45	1x
Wi-Fi Bluetooth	
WLAN/BT Website	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
WLAN Version	Wi-Fi 7+BT
WLAN/BT	INTEL/BE200 NGWG NVX
I/O Ports	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
USB Ports	
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3)	N/A
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3 optional)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen1 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3) with PD charging	N/A
Type-C (USB3.2 Gen2 / DisplayPort™)	1x
Thunderbolt™ 4 (DisplayPort™) / Power Delivery 3.0)	N/A
Thunderbolt™ 4 (DisplayPort™) / Power Delivery 3.1)	N/A
Thunderbolt™ 4 (DisplayPort™)	1x
Thunderbolt™ 5 (DisplayPort™) / Power Delivery 3.1)	N/A
Thunderbolt™ (DisplayPort™) / Power Delivery 3.0)	N/A
Type-C (USB4® / DisplayPort™) / Power Delivery 3.0/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB4® / DisplayPort™) / Power Delivery 3.1/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB3.2 Gen2 / DisplayPort™) / Power Delivery 3.0)	1x
Type-C (USB3.2 Gen2 / DisplayPort™) / Power Delivery 3.1)	N/A
Type-C (USB3.2 Gen1 / DisplayPort™) / Power Delivery 3.0)	N/A
Type-C (USB3.1 Gen1 / DisplayPort™)	N/A
Type-C (USB3.2 Gen1 / DisplayPort™)	N/A
Type-C USB3.1 Gen2	N/A
Type-C USB3.2 Gen2	NA
Type-C USB3.2 Gen2 with PD charging	N/A
Type-C USB3.1 Gen1	N/A
Type-C USB3.2 Gen1	NA
Type-A USB3.1 Gen1	N/A
Type-A USB3.2 Gen1	1x
Type-A USB3.1 Gen1/QC3.0	N/A
Type-A USB3.2 Gen1/QC3.0	N/A
Type-A USB3.1 Gen2	NA
Type-A USB3.2 Gen2	1x
Type-C USB3.2 Gen2x2	N/A
Type-A USB3.1	N/A
Type-C USB3.0	N/A
Type-A USB3.0	N/A
Type-A USB2.0	N/A
USB3.2 Gen 2 Type-C(connect to computer)	N/A
Card Reader	
CardReader	1x SD Express
Smart Card Reader	N/A
Video Ports	
VGA Out	N/A
HDMI™	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)

DisplayPort	N/A
Mini Display Port	N/A
Keyboard	
Keyboard Types Website	Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
Keyboard Keys	99KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	UI W/et Nokr
Touchpad	
Touchpad	Silky Smooth Touchpad
WebCam	
WebCam	HD type (30fps@720p)
Webcam Feature	3D Noise Reduction (3DNR)
Audio Port	
Audio Jack Website	1x Mic-in/Headphone-out Combo Jack
Audio	
Audio Speaker	2x 2W
Audio Woofer	N/A
Audio Mic	N/A
Audio Solution Website	Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
AC Adapter	
Adapter Output	330W adapter
Adapter	330W
Adapter Input	90-264V in
Adapter Unit Weight (g)	1050
Power Cord Unit Weight (g)	195
Battery	
Battery Type	4CELLS/4S1P
Battery Cell Website	4-Cell
Whrs	90 Whrs
Mah	5845 Mah
Battery Unit Weight (g)	357.8
Operating Systems	
OS	SINGLE-LANGUAGE(WIN 11 HM SL ADVANCED OLC OAS EM)
OS Type	W11SA
OS Website	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Copilot+ PC Certified	N/A
Microsoft Office	
OS-Office Website	N/A
Dimension (WXDXH)	
Dimension	357 x 284 x 22.20-28.55 mm
Dimension(Inches) Website	14.06" x 11.18" x 0.87-1.12"
Weight (W Battery)	
Weight	2.7 kg
Weight(lbs) Website	5.95 lbs
Security	
Security Type Website	Webcam Shutter, Kensington Lock
Certification	
Certification Type Website	Meta Ready
Sustainability	
REPEAT Website	N/A
Sensor	
Fingerprint Website	N/A
Fingerprint (Optional)	N/A
Ambient Light Sensor Website	N/A
Gyroscope Website	N/A
Accelerometer Website	N/A
Magnetometer Website	N/A
Proximity Sensor	N/A
NFC (Optional)	N/A
Warranty	
Warranty	24M
Warranty Website	2 years limited warranty
Xbox Game Pass	
Xbox Game Pass	One month of PC Game Pass
Xbox Game Pass Remark	*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.
Accessory	
Accessory Website	
Extra Bag	N/A
Extra Mouse	N/A
Remark	
I/O Ports Remark	N/A
Remark 1 Website	
Remark 2 Website	
Remark 3 Website	
Remark 4 Website	
Remark 5 Website	
Software	
Software	Nvidia GeForce Experience, Nahimic 3, Mystic Light, Ambient Link, Crosshair, Battery Master, MSI Center, Steelseries GG, Discrete Graphics Mode, Smart Auto, MSI AI Engine, AI Noise Cancellation Pro
Model Info	
Segment Name2	Vector16HXA
Segment Name	Vector
Series Name	Gaming
Segment Name3	Vector16HX A14VHG
Extra Info	
EOL Date	
Barcode Info	
UCC14	
UPC	
JAN	
EAN	4711377270601