

Model	
Part No	957-15M352-029
SKU Number	
Website Name	Vector 16 HX AI A2XWHG
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	Vector
Segment Name2	Vector16HXAA
Segment Name3	Vector16HXAA A2XWHG
Model	15M3
MKT Name	Vector 16 HX AI A2XWHG
Entity MKT Name	
MKT Spec	Vector 16 HX AI A2XWHG-029BG
System/Barebone	System
Chassis Color	
Color	IDE/GGU/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
CD 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	ARROW LAKE
CPU Socket	FCBGA-2114pin
CPU Number	Core Ultra 9 279HX
CPU Clock	2.7GHz
CPU Cores	24
CPU Core Name Website	N/A
CPU Number Website	Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU)
CPU Number Website For GC	Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU)
CPU Specification Website	24 cores (8 P-cores + 16 E-cores), 24 thread, 40MB cache, Max Turbo Frequency 5.4 GHz
Chipset	
Chipsets	HM870
Chipset SoC Website	Intel® HM870
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX5070 Ti
GPU1 Number	RTX 5070 Ti
GPU1 MKT Name Website	NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU powers advanced AI with 892 AI TOPS
GPU1 Boost Clock Website	Up to 2220MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost
GPU1 Remark Website	*May vary by scenario
GPU1 Remark Website	N/A
CPU and GPU Combined Power	
Combined Power Website	Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology.
OverBoost Ultra Remark Website	N/A
Scenario Remark Website	NA
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	GDDR7
Integrated Graphics	
GPU1 Graphics Website	Intel® Graphics
Memory	
Memory Size	16GB*2
Memory Module	DDR5-5600
Memory Slot Max Speed	Up to DDR5-6400
Memory Form	NA
Memory Remark Website	*The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	
Memory Max Speed	Up to DDR5-6400
Memory Slot	2 Slots
Memory Max Capacity Website	Max 96GB
Storage	
SSD Form Factor	M.2-2280 M-KEY
SSD Size	1TB*1
SSD Interface	NVMe SSD PCIe Gen4
HDD1 Interface	N/A
HDD1 Form Factor	N/A
SSD Gen Website	NVMe SSD PCIe Gen4
HDD size	N/A
HDD1 RPM	N/A
ODD Type	N/A
Multi Bay	N/A
2.5 HDD Website	N/A
SSD Remark	*Please consult service center for upgrading SSD *
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	NA
LAN	
LAN Website	2.5 Gigabit 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 NGW.G.NVX
UD Ports	
Audio Line In	NA
Audio Line Out	NA
Digital out SPDIF	NA
USB Ports	
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3)	NA
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3, optional)	NA
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3)	NA
Type-C (USB3.2 Gen1 / DP / Thunderbolt™3)	NA
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3) with PD charging	NA
Type-C (USB3.2 Gen2 / DisplayPort™)	NA
Thunderbolt™ 4 (DisplayPort™) Power Delivery 3.0	NA
Thunderbolt™ 4 (DisplayPort™) Power Delivery 3.1	NA
Thunderbolt™ 4 (DisplayPort™)	NA
Thunderbolt™ 5 (DisplayPort™) Power Delivery 3.1	2x
Thunderbolt™ (DisplayPort™) Power Delivery 3.0	NA
Type-C (USB4® / DisplayPort™) Power Delivery 3.0 / Thunderbolt™ 4 compatible	NA
Type-C (USB4® / DisplayPort™) Power Delivery 3.1 / Thunderbolt™ 4 compatible	NA
Type-C (USB3.2 Gen2 / DisplayPort™) Power Delivery 3.0	NA
Type-C (USB3.2 Gen2 / DisplayPort™) Power Delivery 3.1	NA
Type-C (USB3.2 Gen1 / DisplayPort™) Power Delivery 3.0	NA
Type-C (USB3.1 Gen1 / DisplayPort™)	NA
Type-C (USB3.2 Gen1 / DisplayPort™)	NA
Type-C USB3.1 Gen2	NA
Type-C USB3.2 Gen2	NA
Type-C USB3.2 Gen2 with PD charging	NA
Type-C USB3.1 Gen1	NA
Type-C USB3.2 Gen1	NA
Type-A USB3.1 Gen1	NA
Type-A USB3.2 Gen1	NA
Type-A USB3.1 Gen1/ QC3.0	NA
Type-A USB3.2 Gen1/ QC3.0	NA
Type-A USB3.1 Gen2	NA
Type-A USB3.2 Gen2	2x
Type-C USB3.2 Gen2x2	NA
Type-A USB3.1	NA
Type-A USB3.0	NA
Type-A USB3.0	NA
Type-A USB2.0	NA
USB3.2 Gen 2 Type-C(connect to computer)	NA
Card Reader	
CardReader	1x SD Express
Smart Card Reader	NA
Video Ports	
VGA Out	NA
HDMI™	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
DisplayPort	NA
Mini Display Port	NA
Keyboard	
Keyboard Types Website	24-Zone RGB Gaming Keyboard with CoolBot Key

Keyboard Keys	60KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	BG W/elt Nokr
Touchpad	
Touchpad	Silky Smooth Touchpad
WebCam	
WebCam	IR FHD type (30fps@1080p) with HDR
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	NA
Audio Mic	Array Microphone
Audio Solution Website	Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
AC Adapter	
Adaptor Output	330W adaptor
Adaptor	330W
Adaptor Input	95-294VIn
Adaptor Unit Weight (g)	1050
Power Cord Unit Weight (g)	185
Battery	
Battery Type	4CELLS4S1P
Battery Cell Website	4-Cell
Whrs	90 Whrs
mAh	5945 mAh
Battery Unit Weight (g)	367.8
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	NA
Microsoft Office	
OS-Office Website	N/A
Dimension (WXDXH)	
Dimension	367 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	
EPEAT Website	N/A
Sensor	
Fingerprint Website	NA
Fingerprint (Optional)	NA
Ambient Light Sensor Website	NA
Gyroscope Website	NA
Accelerometer Website	NA
Magnetometer Website	NA
Proximity Sensor	NA
NFC (Optional)	NA
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	NA
Remark 1 Website	
Remark 2 Website	
Remark 3 Website	
Remark 4 Website	
Remark 5 Website	
Software	
Software	Killer Control Center, Nvidia App, Nahimic 3, MSI App Player, Mystic Light, Crosshair, Battery Master, MSI Center, Discrete Graphics Mode, MSI AI Engine, AI Noise Cancellation Pro, Intel Application Optimization
Model Info	
Segment Name2	Vector16HXAI
Segment Name	Vector
Series Name	Gaming
Segment Name3	Vector16HXAI A2XWHG
Extra Info	
EOL Date	
Barcode Info	
UCC14	
UPC	
JAN	
EAN	4711377300759