

Model	
Part No	9S7-15M352-641
SKU Number	
Website Name	Vector 16 HX AI A2XWHG
Platform	INTEL
Series Name	Gaming
Segment Name	Vector
Segment Name2	Vector16HXAIA
Segment Name3	Vector16HXAIA2XWHG
Model	15M3
MKT Name	Vector 16 HX AI A2XWHG
Entity MKT Name	
MKT Spec	Vector 16 HX AI A2XWHG-641XBG
Chassis Color	
Color	ID5(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+
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
Peak Brightness (HDR Value)	N/A
Touch Feature Website	NA
Typical Brightness	500 nits
Typical Brightness Remark	N/A
CPU	
CPU Type	20 CORE
CPU Core Name	ARROW LAKE
CPU Number	Core Ultra 7 255HX
CPU Basic Clock	2.4GHz
CPU Cores	20
NPU TOPS	13
CPU Core Name Website	N/A
CPU Number Website	Intel® Core™ Ultra 7 processor 255HX with Intel® AI Boost (NPU)
CPU Number Website For GC	Intel® Core™ Ultra 7 processor 255HX with Intel® AI Boost (NPU)
CPU Specification Website	20 cores (8 P-cores + 12 E-cores), 20 thread, 36MB cache, Max Turbo Frequency 5.2 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 992 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
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	8GB*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
SSD 2 Size	N/A
SSD 2 Interface	N/A
HDD size	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
Max Storage Capacity	8TB
LAN	
LAN Website	2.5 Gigabit Ethernet
LAN	REALTEK/RTL8125BG-CG
RJ45	1x
Wi-Fi/ Bluetooth	
WLAN/BT Website	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
WLAN Version	Wi-Fi 6E+BT
WLAN/BT	INTEL/AX211.NG.WG.NV
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)	N/A
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 Gen2	NA
Type-A USB3.2 Gen2	2x
Type-C USB3.2 Gen2x2	NA
Type-A USB2.0	NA
USB3.2 Gen 2 Type-C(connect to computer)	NA
Card Reader	
CardReader	1x SD Express Card Reader
Smart Card Reader	NA
Video Ports	
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 Copilot Key
Keyboard Keys	99KEYS
Key Travel	1.7
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	BG Wleft 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	330W
Adaptor Input	90-264Vin
Adaptor Unit Weight (g)	1050
Power Cord Unit Weight (g)	195
Power Cord Type	EU
Battery	
Battery Type	4CELLS/4S1P
Battery Cell Website	4-Cell
Whrs	90 Whrs
Mah	5845 Mah
Battery Unit Weight (g)	367.8
Operating Systems	
OS	N/A
OS Type	Free DOS
OS Website	Free Dos
Copilot+ PC Certified	NA
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	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
Certification	
Certification Type Website	Meta Ready
Sustainability	
EPEAT Website	N/A
TCO Certified	
Energy Star 9.0	N/A
Sensor	
Fingerprint	N/A
Ambient Light Sensor Website	NA
Gyroscope Website	NA
Accelerometer Website	NA
Magnetometer Website	NA
Proximity Sensor	NA
NFC	N/A
Warranty	
Warranty	24M
Warranty Website	2 years limited warranty
Xbox Game Pass	
Xbox Game Pass	N/A
Xbox Game Pass Remark	N/A
Accessory	
Extra Bag	N/A
Extra Mouse	N/A
Remark	
Remark 1 Website	
Software	
Software	Killer Control Center, Nvidia App, Nahimic 3, MSI App Player, Mystic Light, Crosshair, Battery
Model Info	
Segment Name2	Vector16HXAIA
Segment Name	Vector
Series Name	Gaming
Segment Name3	Vector16HXAIA A2XWHG
Extra Info	
EOL Date	
Barcode Info	
UCC14	
UPC	
JAN	
EAN	4711377393164