

SPECIFICATIONS



MSI Vector 16 HX AI A2XWHG Series 2 Intel Core Ultra 9 275HX 32GB RAM 1TB SSD 16 Inch QHD+ Copilot & AI Optimized Cosmos Gray Gaming Laptop

Regular Price 379,640

Special Price 349,900

ID: 33.02.033.1359

General

Brand	MSI
Laptop Series	Vector
Model	MSI Vector 16 HX AI A2XWHG
User Segment	Gaming, Consumer
Part No	A2XWHG-416BD-GGU9275X32GXDX11EMH

Processor

Processor Brand	Intel
Processor Type.	Core Ultra 9
Generation	Ultra
Processor Model	Core Ultra 9 275HX
Processor Base Frequency	Unmentioned
Performance-Core Base Frequency	2.70GHz
Efficient-Core Base Frequency	2.10GHz
Processor Max Turbo Frequency	5.40GHz
Performance-Core Max Turbo Frequency	5.40GHz
Efficient-Core Max Turbo Frequency	4.60GHz
Processor Core	24
Performance-Cores	8
Efficient-Cores	16
Processor Thread	24
CPU Cache	36MB
NPU	Yes

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Neural Processing Unit (NPU)	Intel AI Boost
NPU TOPS	13
Chipset.	Intel HM870

Memory

RAM	32GB
Installed RAM Details	2 x 16GB Removable
RAM Type	DDR5
RAM Bus	6400 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	No
Max. RAM Support	96GB

Storage

Storage	1TB SSD
Installed HDD Type	No HDD
HDD RPM	No HDD
HDD Expansion Slot	No
Installed SSD Type	NVMe PCIe
Installed SSD Generation	Gen 4
M.2/SSD Expansion Slot	1
Storage Upgrade	Additional SSD Can be added

Graphics

Graphics Chipset	Nvidia RTX 5070 Ti Graphics
Graphics Memory Accessibility	Dedicated

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Graphics Memory	12GB
Graphics Memory Type	GDDR7

Display

Display Size (Inch)	16
Display Type	QHD+ LED Display
Panel Type	IPS
Display Resolution	2560x1600
Touch Screen	No
Display Refresh Rate	240 Hz
Display Bezel	Slim Bezel
Secondary Screen Size	No Secondary Screen
Secondary Screen Technology	No Secondary Screen
Secondary Screen Resolution	No Secondary Screen

Ports & Slots

Optical Drive	No
Multimedia Card Slot	1
Supported Multimedia Card	SD Card
USB 2 Port	No
USB 3 Port	2 x USB 3.2 Gen 2 Type-A
USB C / Thunderbolt Port	2 x Thunderbolt 5
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No

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Display Port	No
Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo
Security Lock Slot	Kensington Lock

Network & Connectivity

LAN	No
WiFi	Intel Killer BE Wi-Fi 7
Bluetooth	Bluetooth 5.4

Audio & Camera

Audio Properties	2 x 2W Speaker
Speaker	Yes
Microphone.	Yes
WebCam	FHD WebCam

Keyboard

Keyboard Layout	24-Zone RGB Gaming Keyboard with Copilot Key
Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	Yes (Numeric)
Pointing Device	Touchpad

Security

Finger Print Sensor	No
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TPM	Yes
Security Chip	Firmware Trusted Platform Module(fTPM) 2.0

Software

Operating System	Win-11 Home
Licensed Application	No

Physical Description

Device Lighting	No
Color	Cosmos Gray
Dimensions	357 x 284 x 22.20-28.55mm
Weight (Kg)	2.7 kg
Package Content	Stealth Agent Backpack

Power

Battery	4 Cell
Battery Capacity	90Wh
Backup Time	Up to 4.5 Hrs.
Power Adapter	330W

Warranty

Warranty Details	2 Year International (1 year for Battery and Adapter)
Warranty Claim Duration (Approximate)	Estimated Warranty Claim Duration 20 Days. It may take additional time up to 60 days
Others	1 x M.2 SSD slot (NVMe PCIe Gen4), 1 x M.2 SSD slot (NVMe PCIe Gen5) Compatible, Webcam Shutter, IR FHD type (30fps@1080p) with HDR 3D Noise Reduction+ (3DNR+), Thunderbolt 5 (DisplayPort/ Power Delivery 3.1), SD Express Card Reader, HDMI 2.1 (8K @ 60Hz / 4K @ 120Hz).
Country Of Origin	Taiwan
Made in/ Assemble	China
Disclaimer	Mentioned Battery Backup information is collected from manufacturer. As per manufacturer the backup time may vary for different use case, settings, applications and some other factors.

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