NOTEBOOK

Vector 16 HX AI A2XW

VECTOR 16 HX AI A2XWHG-257NZ

Specification

CPU	Intel® Core™ Ultra 7 processor 255HX with Intel® AI Boost (NPU) 20 cores (8 P-cores + 12 E-cores), 20 threads, 30MB L3 cache, Max Turbo Frequency 5.2 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM870
Discrete Graphics	NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU powers advanced AI with 992 AI TOPS Up to 2220MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	12GB GDDR7
CPU and GPU Combined Power	Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology.
Memory	8GB*2 DDR5 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-6400, 2 Slots, Max 96GB
Storage	1TB*1 NVMe SSD PCIe Gen4 ”Please consult service center for upgrading SSD.”
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Keyboard	24-Zone RGB Gaming Keyboard with Copilot Key
Touchpad	Silky Smooth Touchpad
WebCam	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Audio	2x 2W Audio Speaker Nahimic 3 Audio Enhancer Hi-Res Audio Ready Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	2x Type-A USB3.2 Gen2 2x Thunderbolt™ 5 (DisplayPort™/ Power Delivery 3.1)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Express Card Reader
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
Security	Firmware Trusted Platform Module(fTPM) 2.0 Webcam Shutter Kensington Lock
Adapter	330W Adaptor
Battery	4-Cell 90 Whrs
Dimension (WXDXH)	357 x 284 x 22.20-28.55 mm
Weight (W/ Battery)	2.7 kg
Chassis Color	Cosmos Gray
Certification	Meta Ready
Warranty	2 years limited warranty
Xbox Game Pass	2 Month Xbox Game Pass Essential included. *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.

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