



L A P T O P S

Vector 16 HX AI A2XW

VECTOR 16 HX AI A2XWHG-285US

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 Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Operating Systems	16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Display	Intel® HM870
Chipset	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
Discrete Graphics	12GB GDDR7
Video Memory	Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology.
CPU and GPU Combined Power	16GB*2 DDR5
Memory	*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 99KEYS
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
Battery	4-Cell 90 Whrs
Dimension (WxDxH)	14.06" x 11.18" x 0.87-1.12"
Weight (W/ Battery)	5.95 lbs
Certification	Meta Ready
Warranty	1 years limited warranty