



NOTEBOOK

Vector 16 HX AI A2XW

VECTOR 16 HX AI A2XWJG-471NZ

Specification

CPU	Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU) 24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB L3 cache, Max Turbo Frequency 5.4 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™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPS Up to 2160MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 240W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
Discrete Graphics	24GB GDDR7 Max. 240W CPU-GPU Power with MSI OverBoost Technology.
Video Memory	8GB*2 DDR5-5600 *The actual frequency will vary by memory combination and CPU capability.
CPU and GPU Combined Power	Up to DDR5-6400, 2 Slots, Max 96GB
Memory	1TB*1 NVMe SSD PCIe Gen4
Memory Slot and Max Capacity	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Storage	24-Zone RGB Gaming Keyboard with Copilot Key
Storage Slot	Silky Smooth Touchpad
Keyboard	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Touchpad	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready Array Microphone
WebCam	1x Mic-in/Headphone-out Combo Jack
Audio	2x Type-A USB3.2 Gen2 2x Thunderbolt™ 5 (DisplayPort™ / Power Delivery 3.1)
Audio Port	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
USB Ports	1x SD Express Card Reader
Video Ports	2.5 Gigabit Ethernet
Card Reader	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
LAN	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
Wi-Fi/ Bluetooth	330W Adaptor
Security	4-Cell 90 Whrs
Adapter	357 x 284 x 22.20-28.55 mm
Battery	2.7 kg
Dimension (WxDXH)	Cosmos Gray
Weight (W/ Battery)	Meta Ready
Chassis Color	2 years limited warranty
Certification	One month of PC Game Pass
Warranty	*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.
Xbox Game Pass	