



L A P T O P S

Vector 18 HX AI A2XW

VECTOR 18 HX AI A2XWJG-851IT

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	18" 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. *May vary by scenario
Discrete Graphics	24GB GDDR7
Video Memory	Max. 260W CPU-GPU Power with MSI OverBoost Ultra Technology. *Full Power CPU & GPU
CPU and GPU Combined Power	16GB*2 DDR5-5600 *The actual frequency will vary by memory combination and CPU capability.
Memory	Up to DDR5-6400, 2 Slots, Max 96GB
Memory Slot and Max Capacity	1TB*1 NVMe SSD PCIe Gen4
Storage	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Storage Slot	26-Zone RGB Gaming Keyboard with Copilot Key
Keyboard	Silky Smooth Touchpad
Touchpad	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
WebCam	4x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready Array Microphone
Audio	1x Mic-in/Headphone-out Combo Jack
Audio Port	3x Type-A USB3.2 Gen2 2x Thunderbolt™ 5 (DisplayPort™ / Power Delivery 3.1)
USB Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Video Ports	1x SD Express Card Reader
Card Reader	2.5 Gigabit Ethernet
LAN	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Wi-Fi/ Bluetooth	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
Security	400W Adaptor
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	4-Cell 99.9 Whrs
Battery	404 x 307.5 x 24-32.05 mm
Dimension (WDXH)	3.6 kg
Weight (W/ Battery)	Cosmos Gray
Chassis Color	2 years limited warranty
Warranty	One month of PC Game Pass *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	