



NOTEBOOK

# Vector 18 HX AI A2XW

VECTOR 18 HX AI A2XWJG-804UK

## Specification

CPU	Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU)24 cores (8 P-cores + 16 E-cores), 24 thread, 40MB cache, Max Turbo Frequency 5.4 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	18" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM870
Discrete Graphics	NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPSUp to 2160MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	24GB GDDR7
CPU and GPU Combined Power	Max. 260W CPU-GPU Power with MSI OverBoost Ultra Technology.*Full Power CPU & GPU
Memory	16GB*2 DDR5-5600*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	2TB*1 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Keyboard	26-Zone RGB Gaming Keyboard with Copilot Key
Touchpad	Silky Smooth Touchpad
WebCam	IR FHD type (30fps@1080p) with HDR3D Noise Reduction+ (3DNR+)
Audio	4x 2W Audio SpeakerNahimic 3 Audio Enhancer, Hi-Res Audio ReadyArray Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen22x Thunderbolt™ 5 (DisplayPort™ / Power Delivery 3.1)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Card Reader
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
AC Adapter	400W Adaptor
Battery	4-Cell99.9 Whrs
Dimension (WDXH)	404 x 307.5 x 24-32.05 mm
Weight (W/ Battery)	3.6 kg
Chassis Color	Cosmos Gray
Warranty	2 years limited warranty
Xbox Game Pass	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.