



L A P T O P S

# Vector 16 HX AI A2XW

VECTOR 16 HX AI A2XWHG-430TH

## Specification

|                              |                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU)<br>24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB L3 cache, Max Turbo Frequency 5.4 GHz                      |
| Operating Systems            | Windows 11 Home (MSI recommends Windows 11 Pro for business.)                                                                                                                     |
| Microsoft Office             | Office Home 2024 included                                                                                                                                                         |
| 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<br>Up to 2220MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost.<br>*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 DDR5-5600<br>*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<br>"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<br>Nahimic 3 Audio Enhancer<br>Hi-Res Audio Ready<br>Array Microphone                                                                                         |
| Audio Port                   | 1x Mic-in/Headphone-out Combo Jack                                                                                                                                                |
| USB Ports                    | 2x Type-A USB3.2 Gen2<br>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® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4                                                                                                                                     |
| Security                     | Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock                                                                                                       |
| Adapter                      | 330W Adaptor                                                                                                                                                                      |
| Battery                      | 4-Cell<br>90 Whrs                                                                                                                                                                 |
| Dimension (WDXH)             | 357 x 284 x 22.20-28.55 mm                                                                                                                                                        |
| Weight (W/ Battery)          | 2.7 kg                                                                                                                                                                            |
| Chassis Color                | Cosmos Gray                                                                                                                                                                       |
| Certification                | Meta Ready                                                                                                                                                                        |
| Warranty                     | 3 years limited warranty                                                                                                                                                          |