



L A P T O P S

Vector 16 HX AI A2XW

VECTOR 16 HX AI A2XWHG-650SG

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 |
| Operating Systems | Windows 11 Home (MSI recommends Windows 11 Pro for business.) |
| 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 Up to 2220MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost. *May vary by scenario |
| Video Memory | 12GB GDDR7 |
| CPU and GPU Combined Power | Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology. |
| Memory | 16GB*1 DDR5 *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 |
| 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® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4 |
| Security | Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock |
| cmsfront_lang_auto_spec.sku_column_group_nb_Adapter | 330W Adaptor |
| Battery | 4-Cell 90 Whrs |
| Dimension (WXDXH) | 357 x 284 x 22.20-28.55 mm |
| Weight (W/ Battery) | 2.7 kg |
| Chassis Color | Cosmos Gray |
| Certification | Meta Ready |
| Warranty | 2 years limited warranty |
| Xbox Game Pass | 2 Month Xbox Game Pass Essential included. *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. |