



L A P T O P S

# Vector GP68 HX 13V

VECTOR GP68HX 13VH-268HK

## Specification

|                              |                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | 13th Gen Intel® Core™ i9-13950HX processor<br>24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.5 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® HM770                                                                                                                                                                                                                                                 |
| Discrete Graphics            | NVIDIA® GeForce RTX™ 4080 Laptop GPU<br>Up to 2280MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 230W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario                                                               |
| Video Memory                 | 12GB GDDR6                                                                                                                                                                                                                                                   |
| CPU and GPU Combined Power   | Max. 230W CPU-GPU Power with MSI OverBoost Technology.<br>*OverBoost Ultra Technology for i9-13980HX Only.<br>*May vary by scenario                                                                                                                          |
| Memory                       | 16GB*1, Up to DDR5-5600<br>*Vary by CPU and Memory combination                                                                                                                                                                                               |
| Memory Slot and Max Capacity | 2 Slots, Max 64GB                                                                                                                                                                                                                                            |
| Storage                      | 1TB*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                     | Per-Key RGB Gaming Keyboard by SteelSeries                                                                                                                                                                                                                   |
| Touchpad                     | Silky Smooth Touchpad                                                                                                                                                                                                                                        |
| WebCam                       | IR HD type (30fps@720p)                                                                                                                                                                                                                                      |
| Audio                        | 2x 2W Audio Speaker<br>Nahimic 3 Audio Enhancer, Hi-Res Audio Ready                                                                                                                                                                                          |
| Audio Port                   | 1x Mic-in/Headphone-out Combo Jack                                                                                                                                                                                                                           |
| USB Ports                    | 1x Type-C (USB3.2 Gen2 / DP)<br>1x Type-C (USB / DP / Thunderbolt™ 4)<br>1x Type-C (USB3.2 Gen2 / DP) with PD charging<br>1x Type-A USB3.2 Gen1<br>1x Type-A USB3.2 Gen2<br>1x Type-C (USB3.1 Gen1 / DisplayPort™)<br>1x Type-C (USB3.2 Gen2 / DisplayPort™) |
| Video Ports                  | 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)                                                                                                                                                                                                                        |
| Card Reader                  | 1x SD Express                                                                                                                                                                                                                                                |
| LAN                          | 2.5 Gigabit Ethernet                                                                                                                                                                                                                                         |
| Wi-Fi/ Bluetooth             | Intel® Wi-Fi 6E AX211, Bluetooth v5.3                                                                                                                                                                                                                        |
| Security                     | Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter                                                                                                                                                                                                   |
| AC Adapter                   | 330W Adaptor                                                                                                                                                                                                                                                 |
| Battery                      | 4-Cell<br>90 Whrs                                                                                                                                                                                                                                            |
| Dimension (WDXH)             | 357 x 284.05 x 22.20~28.55 mm                                                                                                                                                                                                                                |
| Weight (W/ Battery)          | 2.67 kg                                                                                                                                                                                                                                                      |
| Certification                | Meta Ready                                                                                                                                                                                                                                                   |
| Warranty                     | 2 years limited warranty                                                                                                                                                                                                                                     |
| Xbox Game Pass               | One month of PC Game Pass<br>*Spec may vary by model. Please refer to the final spec of the product purchased for Xbox Game Pass pre-installed details.                                                                                                      |