



NOTEBOOK

Vector 16 HX A13V

VECTOR 16 HX A13VHG-637NZ

Specification

|                              |                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | 13th Gen Intel® Core™ i9-13980HX processor<br>24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.6 GHz                                                                                                                                                 |
| Operating Systems            | Windows 11 Home (MSI recommends Windows 11 Pro for business.)                                                                                                                                                                                                |
| Display                      | 16" FHD+(1920x1200), 144Hz Refresh Rate, IPS-Level                                                                                                                                                                                                           |
| Chipset                      | Intel® HM770                                                                                                                                                                                                                                                 |
| Discrete Graphics            | NVIDIA® GeForce RTX™ 4080 Laptop GPU powers advanced AI with 542 AI TOPS<br>Up to 2040MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 240W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario<br>*Full-Power GPU Design |
| Video Memory                 | 12GB GDDR6                                                                                                                                                                                                                                                   |
| CPU and GPU Combined Power   | Max. 240W CPU-GPU Power with MSI OverBoost Technology.                                                                                                                                                                                                       |
| Memory                       | 16GB*2 DDR5                                                                                                                                                                                                                                                  |
| Memory Slot and Max Capacity | Up to DDR5-5600, 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                       | HD type (30fps@720p) with 3D Noise Reduction (3DNR)                                                                                                                                                                                                          |
| 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-A USB3.2 Gen1<br>1x Type-A USB3.2 Gen2<br>1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0)<br>1x Type-C (USB3.2 Gen2 / DisplayPort™ )<br>1x Thunderbolt™ 4 (DisplayPort™ )                                                                |
| 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® Wi-Fi 6E AX211, Bluetooth v5.3                                                                                                                                                                                                                        |
| Security                     | Webcam Shutter, Kensington Lock                                                                                                                                                                                                                              |
| Adapter                      | 330W Adaptor                                                                                                                                                                                                                                                 |
| Battery                      | 4-Cell<br>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.<br>*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.                                            |