



L A P T O P S

# Vector 17 HX A13V

VECTOR 17 HX A13VHG-679CA

## Specification

<b>CPU</b>	13th Gen Intel® Core™ i9-13980HX processor 24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.6 GHz
<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Display</b>	17" FHD+(1920x1200), 165Hz Refresh Rate, IPS-Level, 100% sRGB(Typical)
<b>Chipset</b>	Intel® HM770
<b>Discrete Graphics</b>	NVIDIA® GeForce RTX™ 4080 Laptop GPU powers advanced AI with 542 AI TOPS Up to 2280MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 250W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario *Full-Power GPU Design
<b>Video Memory</b>	12GB GDDR6
<b>CPU and GPU Combined Power</b>	Max. 250W CPU-GPU Power with MSI OverBoost Technology.
<b>Memory</b>	16GB*2 DDR5
<b>Memory Slot and Max Capacity</b>	Up to DDR5-5600, 2 Slots, Max 64GB
<b>Storage</b>	1TB*1 NVMe SSD PCIe Gen4
<b>Storage Slot</b>	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
<b>Keyboard</b>	Per-Key RGB Gaming Keyboard by SteelSeries
<b>Touchpad</b>	Silky Smooth Touchpad
<b>WebCam</b>	HD type (30fps@720p) with 3D Noise Reduction (3DNR)
<b>Audio</b>	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	1x Type-A USB3.2 Gen1 1x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0) 1x Type-C (USB3.2 Gen2 / DisplayPort™) 1x Thunderbolt™ 4 (DisplayPort™)
<b>Video Ports</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>Card Reader</b>	1x SD Express Card Reader
<b>LAN</b>	2.5 Gigabit Ethernet
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
<b>Security</b>	Webcam Shutter, Kensington Lock
<b>Adapter</b>	330W Adaptor
<b>Battery</b>	4-Cell 90 Whrs
<b>Dimension (WxDxH)</b>	380 x 297.97 x 23.55-29.45 mm
<b>Weight (W/ Battery)</b>	3 kg
<b>Chassis Color</b>	Cosmos Gray
<b>Certification</b>	Meta Ready
<b>Warranty</b>	1 year limited warranty
<b>Xbox Game Pass</b>	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.