



L A P T O P S

Vector A16 HX A8W

VECTOR A16 HX A8WHG-020TH

Specification

CPU	AMD Ryzen™ 9 8940HX processor 16 cores, 32 threads, 80MB total cache, up to 5.3 GHz Max Boost
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	Integrated SoC
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	DDR5-5200, 2 Slots, Max 96GB
Storage	512GB*1 NVMe SSD PCIe Gen4 *1 x M.2 2280 SSD slot or 2 x M.2 2230 slots, please consult service center for upgrading SSD."
Storage Slot	2x M.2 SSD slot (NVMe PCIe Gen4)
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 Type-C (USB4® / DisplayPort™ / Power Delivery 3.1/ Thunderbolt™ 4 compatible)
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	AMD RZ616 Wi-Fi 6E, Bluetooth v5.3
Security	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
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	3 years limited warranty