



L A P T O P S

Cyborg 14 A13V

CYBORG 14 A13VE-019TH

Specification

CPU	13th Gen Intel® Core™ i7-13620H processor 10 cores (6 P-cores + 4 E-cores), 16 threads, 24 MB Intel® Smart Cache, Max Turbo Frequency 4.9 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Microsoft Office	Office Home 2024 included
Display	14" FHD+(1920x1200), 144Hz Refresh Rate, IPS-Level, 100% <i>s</i> RGB(Typical)
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced AI with 194 AI TOPS Up to 1605MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	6GB GDDR6
Memory	8GB*2 DDR5-5600
Memory Slot and Max Capacity	DDR5-5200, 2 Slots, Max 64GB
Storage	512GB*1 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	Single Backlit Keyboard (Blue)
WebCam	HD type (30fps@720p)
Audio	2x 2W Audio Speaker Hi-Res Audio Ready, DTS Audio Processing Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	2x Type-A USB3.2 Gen1 1x Type-C (USB3.2 Gen2 / DisplayPort™)
Video Ports	1x HDMI™ 2.1 (4K @ 60Hz)
LAN	Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
Security	Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock
Adapter	120W Adaptor
Battery	3-Cell 53.5 Whrs
Dimension (WxDxH)	314.7 x 233.5 x 18.6-22.3 mm
Weight (W/ Battery)	1.6 kg
Chassis Color	Translucent Black
Warranty	2 years limited warranty