



Specification

CPU	Intel® Core™ i9 processor 14900HX 24 cores (8 P-cores + 16 E-cores), 32 theads, 36 MB Intel® Smart Cache, Max Turbo Frequency 5.8 GHz
Operating Systems	Windows 11 Pro
Display	18" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, VESA DisplayHDR™ 1000 Certified, 100% DCI-P3(Typical)
Chipset	Intel® HM770
Discrete Graphics	NVIDIA RTX™ 5000 Ada Laptop GPU (16GB GDDR6) powers advanced AI with 682 AI TOPS Up to 2190MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. Max. 270W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario *Full-Power GPU Design
Video Memory	16GB GDDR6
CPU and GPU Combined Power	Max. 270W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
Memory	32GB*2 DDR5-5600 *Vary by Memory capacity
Memory Slot and Max Capacity	DDR5, 4 Slots, Max 192GB
Storage	2TB*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	Single Backlit Keyboard (White) with Copilot Key
Touchpad	Silky Smooth Touchpad
WebCam	IR FHD type (30fps@1080p) with HDR
Audio	4x 2W Audio Speaker 2x 2W Audio Woofer Sound by Dynaudio, Hi-Res Audio Ready Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2 1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.1) 1x Thunderbolt™ 4 (DisplayPort™)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Express Card Reader
LAN	Intel® Killer™ Ethernet E3100 2.5 Gbps
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Sensor	1x Fingerprint
Security	Fingerprint Security, Discrete Trusted Platform Module(dTPM) 2.0, Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	400W Adaptor
Battery	4-Cell 99.9 Whrs
Dimension (WxDXH)	404 x 307.5 x 24-32.05 mm
Weight (W/ Battery)	3.6 kg
Chassis Color	Luna Gray
Certification	ISV Certification, Meta Ready
Warranty	3 years limited warranty