



## Specification

<b>CPU</b>	13th Gen Intel® Core™ i9-13900H processor 14 cores (6 P-cores + 8 E-cores), 20 thread, 24 MB Intel® Smart Cache, Max Turbo Frequency 5.4 GHz
<b>Operating Systems</b>	Windows 11 Pro
<b>Display</b>	16" FHD+(1920x1200), 144Hz Refresh Rate, IPS-Level
<b>Chipset</b>	Integrated SoC
<b>Discrete Graphics</b>	NVIDIA RTX™ 3000 Ada Laptop GPU (8GB GDDR6) powers advanced AI with 319 AI TOPS Up to 2160MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost. Max. 185W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario
<b>Video Memory</b>	8GB GDDR6
<b>Memory</b>	16GB*2 DDR5-5600
<b>Memory Slot and Max Capacity</b>	DDR5-5200, 2 Slots, Max 64GB
<b>Storage</b>	2TB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
<b>Storage Slot</b>	2x M.2 SSD slot (NVMe PCIe Gen4)
<b>Keyboard</b>	Single Backlit Keyboard (White)
<b>WebCam</b>	HD type (30fps@720p)
<b>Audio</b>	2x 2W Audio Speaker Hi-Res Audio Ready
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	2x Type-A USB3.2 Gen1 1x Type-A USB2.0 1x Type-C (USB3.2 Gen1 / DisplayPort™)
<b>Video Ports</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>LAN</b>	Gigabit Ethernet
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
<b>Security</b>	Fingerprint Security, Firmware Trusted Platform Module(fTPM) 2.0
<b>cmsfront_lang_auto_spec.sku_column_group_nb_Adapter</b>	240W Adaptor
<b>Battery</b>	3-Cell 53.5 Whrs
<b>Dimension (WXDXH)</b>	359 x 259 x 26.95
<b>Weight (W/ Battery)</b>	2.29 kg
<b>Chassis Color</b>	Black
<b>Certification</b>	ISV Certification, Meta Ready
<b>Warranty</b>	2 years limited warranty