

Specification

CPU	Intel® Core™ Ultra 9 processor 285H with Intel® AI Boost (NPU) 16 cores (6 P-cores + 8 E-cores + 2 Low Power E-cores), 16 threads, 24MB L3 cache, Max Turbo Frequency 5.4 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	16" QHD+(2560x1600), 240Hz Refresh Rate, OLED, VESA DisplayHDR™ True Black 600 Certified, 100% DCI-P3(Typical)
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 5070 Laptop GPU powers advanced AI with 798 AI TOPS Up to 2250MHz Boost Clock 95W Maximum Graphics Power with Dynamic Boost.*May vary by scenario *Power Efficiency
Video Memory	8GB GDDR7
Memory	16GB*2 DDR5 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-6400, 2 Slots, Max 96GB
Storage	1TB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
Storage Slot	2x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key
WebCam	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Audio	2x 2W Audio Speaker 4x 2W Audio Woofer Sound by Dynaudio, Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	2x Type-A USB3.2 Gen2 1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Sensor	1x Fingerprint
Security	Fingerprint Security, Firmware Trusted Platform Module(FTPM) 2.0, Webcam Shutter, Secured-core PCs, Kensington Lock
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	240W Adaptor
Battery	4-Cell 99.9 Whrs
Dimension (WXDXH)	355.8 x 259.7 x 19.95 mm
Weight (W/ Battery)	2.1 kg
Chassis Color	Core Black
Warranty	2 years limited warranty
Xbox Game Pass	One month of PC Game Pass *Spec may vary by model. Please refer to the final spec of the product purchased for Xbox Game Pass pre-installed details.*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.