

Specification

CPU	Intel® Core™ Ultra 9 processor 386H with up to 50 NPU TOPS 16 cores (4 P-cores + 8 E-cores + 4 Low Power E-cores), 16 threads, 18MB Intel® Smart Cache, Max Turbo Frequency 4.9 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	16" QHD+(2560x1600), 240Hz Refresh Rate, OLED, 100% DCI-P3(Typical), VESA DisplayHDR™ True Black 600 Certified, SGS Eye Care Display
Chipset	Integrated SoC
Discrete Graphics	NVIDIA® GeForce RTX™ 5070 Ti Laptop GPU powers advanced AI with 992 AI TOPS 1995MHzx Up to Boost Clock 125W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	12GB GDDR7
Memory	16GB*1 DDR5 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-7200, 2 Slots, Max 128GB
Storage	1TB*1 NVMe SSD PCIe Gen4
Storage Slot	2x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	4-Zone RGB Gaming Keyboard with Copilot Key Smudge-resistant keyboard
WebCam	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Audio	2x 2W Audio Speaker 2x 2W Audio Woofer Hi-Res Audio Ready, Nahimic 3 Audio Enhancer Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	2x Type-A USB3.2 Gen2 2x 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® Wi-Fi 7 BE213, Bluetooth v6
Sensor	1x Fingerprint
Security	Fingerprint Security, Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock, Secured-core PCs, Webcam Shutter
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	Power adapter not included. Adaptor
Battery	4-Cell 90 Whrs
Dimension (WxDxH)	354 x 246 x 16.65-19.99 mm
Weight (W/ Battery)	1.99 kg
Chassis Color	Charcoal Black
Warranty	2 years limited warranty