

Specification

CPU	Intel® Core™ Ultra 5 processor 125H with Intel® AI Boost (NPU) 14 cores (4 P-cores + 8 E-cores + 2 Low Power E-cores), 18 threads, 18 MB Intel® Smart Cache, Max Turbo Frequency 4.5 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	14" FHD+(1920x1200), 144Hz Refresh Rate, IPS-Level, 100% sRGB(Typical)
Chipset	Integrated SoC
Integrated Graphics	Intel® Arc™ graphics (*Intel® Arc™ graphics requires configuration with 16GB dual-channel memory or above.)
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 *Vary by CPU and Memory combination
Memory Slot and Max Capacity	DDR5-5600, 2 Slots, Max 32GB
Storage	1TB*1 NVMe SSD PCIe Gen4
Storage Slot	1x M.2 SSD slot (NVMe PCIe Gen4)
Keyboard	Single Backlit Keyboard (White) with Copilot Key
WebCam	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Audio	2x 2W Audio Speaker Hi-Res Audio Ready, DTS Audio Processing Spatial Array Microphone (3 Mic)
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	1x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0) 1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.1)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
LAN	INTEL/WGI219V(SLKJ4) MM#936400
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Sensor	1x Ambient Light Sensor 1x Proximity Sensor 1x Fingerprint
Security	Fingerprint Security, Discrete Trusted Platform Module(dTPM) 2.0, Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock
Adapter	140W Adaptor
Battery	4-Cell 90 Whrs
Dimension (WXDXH)	313.4 x 246.5 x 18.95 mm
Weight (W/ Battery)	1.7 kg
Chassis Color	Stellar Gray
Certification	MIL-STD-810H/G
Warranty	2 years limited warranty