



Specification

CPU	Intel® Core™ Ultra 7 processor 251HX with Intel® AI Boost (NPU) 14 cores (6 P-cores + 8 E-cores), 14 threads, 24MB Intel® Smart Cache, Max Turbo Frequency 5.1 GHz
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM870
Discrete Graphics	NVIDIA® GeForce RTX™ 5080 Laptop GPU powers advanced AI with 1334 AI TOPS 2287MHzx Up to Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	16GB GDDR7
CPU and GPU Combined Power	Max. 250W CPU-GPU Power with MSI OverBoost Technology. *Full Power CPU & GPU
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	512GB*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	24-Zone RGB Gaming Keyboard with Copilot Key Smudge-resistant keyboard
WebCam	IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)
Audio	4x 2W Audio Speaker Hi-Res Audio Ready Nahimic 3 Audio Enhancer Sound by Dynaudio Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2 2x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.1)
Video Ports	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Card Reader	1x SD Express Card Reader
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4
Security	Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock, Webcam Shutter
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	330W Adaptor
Battery	4-Cell 91.8 Whrs
Dimension (WXDXH)	363 x 269.7 x 21.95 - 25.85 mm mm
Weight (W/ Battery)	2.3 kg
Chassis Color	Core Black
Warranty	2 years limited warranty