



Specification

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| CPU | Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU) 24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB 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, 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 | 1TB*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 |