

## Specification

<b>CPU</b>	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
<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>Display</b>	16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
<b>Chipset</b>	Intel® HM870
<b>Discrete Graphics</b>	NVIDIA® GeForce RTX™ 5070 Laptop GPU powers advanced AI with 798 AI TOPS Boost Clock 115W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
<b>Video Memory</b>	8GB GDDR7
<b>CPU and GPU Combined Power</b>	Max. 170W CPU-GPU Power with MSI OverBoost Technology. *May vary by scenario, *Full Power CPU & GPU
<b>Memory</b>	8GB*2 LPDDR5x *The actual frequency will vary by memory combination and CPU capability.
<b>Memory Slot and Max Capacity</b>	Up to DDR5-6400, 2 Slots, Max 96GB
<b>Storage</b>	1TB*1 NVMe SSD PCIe Gen4 "Please consult service center for upgrading SSD."
<b>Storage Slot</b>	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
<b>Keyboard</b>	24-Zone RGB Gaming Keyboard with Copilot Key
<b>WebCam</b>	HD type (30fps@720p) with 3D Noise Reduction (3DNR)
<b>Audio</b>	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready Array Microphone
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>USB Ports</b>	3x Type-A USB3.2 Gen1 1x Thunderbolt™ 4 (DisplayPort™/ Power Delivery 3.0)
<b>Video Ports</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>LAN</b>	Gigabit Ethernet
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
<b>Security</b>	Firmware Trusted Platform Module(FTPM) 2.0, Webcam Shutter, Kensington Lock
<b>Adapter</b>	240W Adaptor
<b>Battery</b>	4-Cell 90 Whrs
<b>Dimension (WXDXH)</b>	359 x 266.4 x 21.8-27.9 mm
<b>Weight (W/ Battery)</b>	2.5 kg
<b>Chassis Color</b>	Cosmos Gray
<b>Warranty</b>	2 years limited warranty