

## Specification

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| <b>CPU</b>                          | Intel® Core™ Ultra 9 processor 275HX with Intel® AI Boost (NPU)<br>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 Ti Laptop GPU powers advanced AI with 992 AI TOPS<br>Up to 2220MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost.<br>*May vary by scenario                |
| <b>Video Memory</b>                 | 12GB GDDR7   |
| <b>CPU and GPU Combined Power</b>   | Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology.   |
| <b>Memory</b>                       | 16GB*2 DDR5-5600<br>*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<br>"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>Touchpad</b>                     | Silky Smooth Touchpad  |
| <b>WebCam</b>                       | IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)   |
| <b>Audio</b>                        | 2x 2W Audio Speaker<br>Nahimic 3 Audio Enhancer<br>Hi-Res Audio Ready<br>Array Microphone  |
| <b>Audio Port</b>                   | 1x Mic-in/Headphone-out Combo Jack   |
| <b>USB Ports</b>                    | 2x Type-A USB3.2 Gen2<br>2x Thunderbolt™ 5 (DisplayPort™/ Power Delivery 3.1)  |
| <b>Video Ports</b>                  | 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)  |
| <b>Card Reader</b>                  | 1x SD Express Card Reader  |
| <b>LAN</b>                          | 2.5 Gigabit Ethernet   |
| <b>Wi-Fi/ Bluetooth</b>             | Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4  |
| <b>Security</b>                     | Firmware Trusted Platform Module(FTPM) 2.0, Webcam Shutter, Kensington Lock  |
| <b>AC Adapter</b>                   | 330W Adaptor   |
| <b>Battery</b>                      | 4-Cell<br>90 Whrs  |
| <b>Dimension (WXDXH)</b>            | 357 x 284 x 22.20-28.55 mm   |
| <b>Weight (W/ Battery)</b>          | 2.7 kg   |
| <b>Chassis Color</b>                | Cosmos Gray  |
| <b>Certification</b>                | Meta Ready   |
| <b>Warranty</b>                     | 2 years limited warranty   |
| <b>Xbox Game Pass</b>               | One month of PC Game Pass<br>*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details. |