



Specification

|                                                     |                                                                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                                                 | Intel® Core™ Ultra 7 processor 255HX with Intel® AI Boost (NPU)<br>20 cores (8 P-cores + 12 E-cores), 20 threads, 30MB L3 cache, Max Turbo Frequency 5.2 GHz<br>Windows 11 Home (MSI recommends Windows 11 Pro for business.) |
| Operating Systems                                   |                                                                                                                                                                                                                               |
| Display                                             | 16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)                                                                                                                                                      |
| Chipset                                             | Intel® HM870                                                                                                                                                                                                                  |
| Discrete Graphics                                   | 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                                             |
| Video Memory                                        | 12GB GDDR7                                                                                                                                                                                                                    |
| CPU and GPU Combined Power                          | Max. 205W CPU-GPU Power with MSI OverBoost Ultra Technology.                                                                                                                                                                  |
| Memory                                              | 8GB*2 DDR5-5600<br>*The actual frequency will vary by memory combination and CPU capability.                                                                                                                                  |
| Memory Slot and Max Capacity                        | Up to DDR5-6400, 2 Slots, Max 96GB                                                                                                                                                                                            |
| Storage                                             | 1TB*1 NVMe SSD PCIe Gen4<br>"Please consult service center for upgrading SSD."                                                                                                                                                |
| 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                                                                                                                                                                                  |
| Touchpad                                            | Silky Smooth Touchpad                                                                                                                                                                                                         |
| WebCam                                              | IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)                                                                                                                                                              |
| Audio                                               | 2x 2W Audio Speaker<br>Nahimic 3 Audio Enhancer, Hi-Res Audio Ready<br>Array Microphone                                                                                                                                       |
| Audio Port                                          | 1x Mic-in/Headphone-out Combo Jack                                                                                                                                                                                            |
| USB Ports                                           | 2x Type-A USB3.2 Gen2<br>2x Thunderbolt™ 5 (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® Wi-Fi 6E AX211, Bluetooth v5.3                                                                                                                                                                                         |
| Security                                            | Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock                                                                                                                                                   |
| cmsfront_lang_auto_spec.sku_column_group_nb_Adapter | 330W Adaptor                                                                                                                                                                                                                  |
| Battery                                             | 4-Cell<br>90 Whrs                                                                                                                                                                                                             |
| Dimension (WDXH)                                    | 357 x 284 x 22.20-28.55 mm                                                                                                                                                                                                    |
| Weight (W/ Battery)                                 | 2.7 kg                                                                                                                                                                                                                        |
| Chassis Color                                       | Cosmos Gray                                                                                                                                                                                                                   |
| Certification                                       | Meta Ready                                                                                                                                                                                                                    |
| Warranty                                            | 2 years limited warranty                                                                                                                                                                                                      |