



L A P T O P S

# Crosshair 16 HX AI D2XW

CROSSHAIR 16 HX AI D2XWGKG-025TH

## 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  |
| Operating Systems            | Windows 11 Home (MSI recommends Windows 11 Pro for business.)                                                                                                 |
| Microsoft Office             | Office Home 2024 included                                                                                                                                     |
| Display                      | 16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)                                                                                      |
| Chipset                      | Intel® HM870                                                                                                                                                  |
| Discrete Graphics            | NVIDIA® GeForce RTX™ 5070 Laptop GPU powers advanced AI with 798 AI TOPS<br>Boost Clock 115W Maximum Graphics Power with Dynamic Boost. *May vary by scenario |
| Video Memory                 | 8GB GDDR7                                                                                                                                                     |
| CPU and GPU Combined Power   | Max. 170W CPU-GPU Power with MSI OverBoost Technology.<br>*May vary by scenario, *Full Power CPU & GPU                                                        |
| 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                                                                                                                  |
| WebCam                       | HD type (30fps@720p) with 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                    | 3x Type-A USB3.2 Gen1<br>1x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.0)                                                                                |
| Video Ports                  | 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)                                                                                                                         |
| LAN                          | 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                                                                                   |
| Adapter                      | 240W Adaptor                                                                                                                                                  |
| Battery                      | 4-Cell<br>90 Whrs                                                                                                                                             |
| Dimension (WxDXH)            | 359 x 266.4 x 21.8-27.9 mm                                                                                                                                    |
| Weight (W/ Battery)          | 2.5 kg                                                                                                                                                        |
| Chassis Color                | Cosmos Gray                                                                                                                                                   |
| Warranty                     | 2 years limited warranty                                                                                                                                      |