



NOTEBOOKS / LAPTOPS

## Crosshair 18 HX AI A2XW

CROSSHAIR 18 HX AI A2XW GKG-029PH

## Specification

|  |   |
|--|---|
| <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>   | 18" 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<br>Up to 2347MHz 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.<br>*May vary by scenario, *Full Power CPU & GPU  |
| <b>Memory</b>  | 8GB*2 DDR5<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>WebCam</b>  | HD type (30fps@720p) with 3D Noise Reduction (3DNR)   |
| <b>Audio</b>   | 2x 2W Audio Speaker<br>Nahimic 3 Audio Enhancer, Hi-Res Audio Ready<br>Array Microphone   |
| <b>Audio Port</b>  | 1x Mic-in/Headphone-out Combo Jack  |
| <b>USB Ports</b>   | 3x Type-A USB3.2 Gen1<br>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>cmsfront_lang_auto_spec.sku_column_group_nb_Adapter</b> | 240W Adaptor  |
| <b>Battery</b>   | 4-Cell<br>90 Whrs   |
| <b>Dimension (WxDxH)</b>                                   | 404 x 280 x 25.6-29.9 mm  |
| <b>Weight (W/ Battery)</b>                                 | 3.1 kg  |
| <b>Chassis Color</b>                                       | Black   |
| <b>Warranty</b>  | 2 years limited warranty  |