



NOTEBOOK

## Raider 18 HX AI A2XW

RAIDER 18 HX AI A2XWJG-215TR

## Specification

|  |   |
|--|---|
| <b>CPU</b>   | Intel® Core™ Ultra 9 processor 285HX with Intel® AI Boost (NPU)<br>24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB L3 cache, Max Turbo Frequency 5.5 GHz  |
| <b>Operating Systems</b>                                   | Windows 11 Home (MSI recommends Windows 11 Pro for business.)   |
| <b>Display</b>   | 18" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, VESA DisplayHDR™ 1000 Certified, 100% DCI-P3(Typical), VESA DisplayHDR™ 1000 Certified  |
| <b>Chipset</b>   | Intel® HM870  |
| <b>Discrete Graphics</b>                                   | NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPS<br>Up to 2160MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario                                      |
| <b>Video Memory</b>  | 24GB GDDR7  |
| <b>CPU and GPU Combined Power</b>                          | Max. 260W CPU-GPU Power with MSI OverBoost Ultra Technology.<br>*Full Power CPU & GPU   |
| <b>Memory</b>  | 32GB*2 DDR5-6400<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>   | 2TB*1 NVMe SSD PCIe Gen5<br>2TB*1 NVMe SSD PCIe Gen4  |
| <b>Storage Slot</b>  | 1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible   |
| <b>Keyboard</b>  | Per-Key RGB Gaming Keyboard by SteelSeries 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>   | 4x 2W Audio Speaker<br>2x 2W Audio Woofer<br>Sound by Dynaudio, 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 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>Sensor</b>  | 1x Fingerprint  |
| <b>Security</b>  | Fingerprint Security, Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock   |
| <b>cmsfront_lang_auto_spec.sku_column_group_nb_Adapter</b> | 400W Adaptor  |
| <b>Battery</b>   | 4-Cell<br>99.9 Whrs   |
| <b>Dimension (WXDXH)</b>                                   | 404 x 307.5 x 24-32.05 mm   |
| <b>Weight (W/ Battery)</b>                                 | 3.6 kg  |
| <b>Chassis Color</b>                                       | Core Black  |
| <b>Warranty</b>  | 2 years limited warranty  |
| <b>Xbox Game Pass</b>                                      | 2 Month Xbox Game Pass Essential included.<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. |