



L A P T O P Y

# Raider 18 HX AI A2XW

RAIDER 18 HX AI A2XWJG-221PL

## Specification

|                              |                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | 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                                                                                                                                                                |
| Operating Systems            | Windows 11 Pro                                                                                                                                                                                                                                                                                                              |
| Display                      | 18" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, VESA DisplayHDR™ 1000 Certified, 100% DCI-P3(Typical)                                                                                                                                                                                                         |
| Chipset                      | Intel® HM870                                                                                                                                                                                                                                                                                                                |
| Discrete Graphics            | 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                                                                                                                                                |
| Video Memory                 | 24GB GDDR7                                                                                                                                                                                                                                                                                                                  |
| CPU and GPU Combined Power   | Max. 260W CPU-GPU Power with MSI OverBoost Ultra Technology.<br>*Full Power CPU & GPU                                                                                                                                                                                                                                       |
| Memory                       | 32GB*2 DDR5-6400<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                      | 2TB*1 NVMe SSD PCIe Gen5<br>2TB*1 NVMe SSD PCIe Gen4                                                                                                                                                                                                                                                                        |
| Storage Slot                 | 1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible                                                                                                                                                                                                                                               |
| Keyboard                     | Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key                                                                                                                                                                                                                                                                 |
| Touchpad                     | Silky Smooth Touchpad                                                                                                                                                                                                                                                                                                       |
| WebCam                       | IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)                                                                                                                                                                                                                                                            |
| Audio                        | 4x 2W Audio Speaker<br>2x 2W Audio Woofer<br>Sound by Dynaudio, 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 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® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4                                                                                                                                                                                                                                                                               |
| Sensor                       | 1x Fingerprint                                                                                                                                                                                                                                                                                                              |
| Security                     | Fingerprint Security, Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter, Kensington Lock                                                                                                                                                                                                                           |
| Adapter                      | 400W Adaptor                                                                                                                                                                                                                                                                                                                |
| Battery                      | 4-Cell<br>99.9 Whrs<br>6578 Mah                                                                                                                                                                                                                                                                                             |
| Dimension (WDXH)             | 404 x 307.5 x 24-32.05 mm                                                                                                                                                                                                                                                                                                   |
| Weight (W/ Battery)          | 3.6 kg                                                                                                                                                                                                                                                                                                                      |
| Chassis Color                | Core Black                                                                                                                                                                                                                                                                                                                  |
| Warranty                     | 2 years limited warranty                                                                                                                                                                                                                                                                                                    |
| Xbox Game Pass               | One month of PC Game Pass<br>*Spec may vary by model. Please refer to the final spec of the product purchased for Xbox Game Pass pre-installed details. *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. |