



NOTEBOOK

Raider 16 Max HX B2W

RAIDER 16 MAX HX B2WJ-283UKY

Specification

|                              |                                                                                                                                                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | 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<br>Windows 11 Home (MSI recommends Windows 11 Pro for business.) |
| Operating Systems            | 16" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)                                                                                                                                                      |
| Display                      | Intel® HM870                                                                                                                                                                                                                  |
| Chipset                      | NVIDIA® GeForce RTX™ 5090 Laptop GPU powers advanced AI with 1824 AI TOPS<br>2160MHzx Up to Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario<br>*Power Efficiency                            |
| Discrete Graphics            | 24GB GDDR7                                                                                                                                                                                                                    |
| Video Memory                 | Max. 300W CPU-GPU Power with MSI OverBoost Technology.<br>*Full Power CPU & GPU                                                                                                                                               |
| CPU and GPU Combined Power   | 32GB*2 DDR5<br>*The actual frequency will vary by memory combination and CPU capability.                                                                                                                                      |
| Memory                       | Up to DDR5-6400, 2 Slots, Max 128GB                                                                                                                                                                                           |
| Memory Slot and Max Capacity | 2TB*1 NVMe SSD PCIe Gen4                                                                                                                                                                                                      |
| Storage                      | 1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible                                                                                                                                                 |
| Storage Slot                 | Per-Key RGB Gaming Keyboard by SteelSeries with Copilot Key                                                                                                                                                                   |
| Keyboard                     | IR FHD type (30fps@1080p) with HDR & 3D Noise Reduction+ (3DNR+)                                                                                                                                                              |
| WebCam                       | 2x 2W Audio Speaker<br>2x 2W Audio Woofer<br>Hi-Res Audio Ready, Nahimic 3 Audio Enhancer, Sound by Dynaudio<br>Array Microphone                                                                                              |
| Audio                        | 1x Mic-in/Headphone-out Combo Jack                                                                                                                                                                                            |
| Audio Port                   | 3x Type-A USB3.2 Gen2<br>2x Thunderbolt™ 4 (DisplayPort™ / Power Delivery 3.1)                                                                                                                                                |
| USB Ports                    | 1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)                                                                                                                                                                                         |
| Video Ports                  | 1x SD Express Card Reader                                                                                                                                                                                                     |
| Card Reader                  | 2.5 Gigabit Ethernet                                                                                                                                                                                                          |
| LAN                          | Intel® Killer™ Wi-Fi 7 BE1750, Bluetooth v5.4                                                                                                                                                                                 |
| Wi-Fi/ Bluetooth             | Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock, Webcam Shutter                                                                                                                                                   |
| Security                     | 400W                                                                                                                                                                                                                          |
| Adapter                      | 4-Cell<br>91.8 Whrs                                                                                                                                                                                                           |
| Battery                      | 363 x 269.7 x 21.95 - 28.85 mm mm                                                                                                                                                                                             |
| Dimension (WDXH)             | 2.6 kg                                                                                                                                                                                                                        |
| Weight (W/ Battery)          | Core Black                                                                                                                                                                                                                    |
| Chassis Color                | 2 years limited warranty                                                                                                                                                                                                      |
| Warranty                     | 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<br>purchased for Xbox Game Pass pre-installed details.          |
| Xbox Game Pass               |                                                                                                                                                                                                                               |