



NOTEBOOK

Raider 18 Max HX A2W

RAIDER 18 MAX HX A2WI-1040TR

Specification

CPU	Intel® Core™ Ultra 9 processor 290HX Plus with Intel® AI Boost (NPU) 24 cores (8 P-cores + 16 E-cores), 24 threads, 36MB Intel® Smart Cache, Max Turbo Frequency 5.5 GHz Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Operating Systems	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Display	18" UHD+(3840x2400), 120Hz Refresh Rate, Mini LED, IPS-Level, 100% DCI-P3(Typical), VESA DisplayHDR™ 1000 Certified
Chipset	Intel® HM870
Discrete Graphics	NVIDIA® GeForce RTX™ 5080 Laptop GPU powers advanced AI with 1334 AI TOPS 2287MHz Up to Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Video Memory	16GB GDDR7
CPU and GPU Combined Power	Max. 260W CPU-GPU Power with MSI OverBoost Technology. *Full Power CPU & GPU
Memory	32GB*2 DDR5 *The actual frequency will vary by memory combination and CPU capability.
Memory Slot and Max Capacity	Up to DDR5-6400, 2 Slots, Max 128GB
Storage	2TB*1 NVMe SSD PCIe Gen5 "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	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 2x 2W Audio Woofer Hi-Res Audio Ready, Nahimic 3 Audio Enhancer, Sound by Dynaudio Array Microphone
Audio Port	1x Mic-in/Headphone-out Combo Jack
USB Ports	3x Type-A USB3.2 Gen2 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, Kensington Lock, Webcam Shutter
cmsfront_lang_auto_spec.sku_column_group_nb_Adapter	400W Adaptor
Battery	4-Cell 99.9 Whrs
Dimension (WXDXH)	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	2 Month Xbox Game Pass Essential included. *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.