
**Notebook MSI
Raider 16 Max
HX B2WJ-038NL
CPU Intel Core
Ultra 9 290HX
Plus 16 2560 x
1600 pixels RAM
32 GB DDR5-
SDRAM SSD
1000 GB
Discrete
graphics NVIDIA
GeForce RTX
5090 24 GB On-
board graphics
Yes Numeric
keypad Yes OS
installed
Windows 11
Home Colour**

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Black Weight

2.7 kg 5600 MHz

RAIDER16MAXHXB2WJ-038NL



Model: RAIDER 16 MAX HX B2WJ-038NL

Manufacturer: MSI

EAN: 4711377434973

Product Code: 559195

R94,638

- Windows 11 Home
- Intel Core Ultra 9 275HX (36MB Cache)
- 16" Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 5090 (24GB GDDR7)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

Summary: MSI Raider 16 Max HX B2WJ-038NL. Product type: Laptop, Form factor: Clamshell.

Processor family: Intel Core Ultra 9, Processor model: 275HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Home. Product colour: Black | Vendor Homepage:

<https://www.msi.com/index.php> | Efficient cores: 16 | Efficient-core base frequency: 2.1 | Efficient-core Max Turbo Frequency: 4.6 | Maximum turbo power: 160 | Performance cores: 8 | Performance-core base frequency: 2.7 | Performance-core Max Turbo Frequency: 5.4 | Processor base power: 55 | Processor boost frequency: 5.4 | Processor cache: 36 | Processor cache type: Smart Cache | Processor cores: 24 | Processor family: Intel Core Ultra 9 | Processor generation: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor model: 275HX | Processor socket: BGA 2114 |

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Processor threads: 24 | Colour gamut: 100 | Display brightness: 500 | Display diagonal: 16 | Display resolution: 2560 x 1600 | HD type: Quad HD+ | Maximum refresh rate: 240 | Native aspect ratio: 16:10 | RGB colour space: DCI-P3 | Touchscreen: No | Colour name: Core Black | Form factor: Clamshell | Housing material: Metal,Plastic | Original brand name: MSI | Product colour: Black | Product type: Laptop | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | GPU performance up to: 8 | Neural processor unit (NPU): Intel AI Boost | NPU performance up to: 13 | Sparsity support: Yes | Total processor performance up to: 36 | Windows Studio effects support: Yes | Internal memory: 32 | Internal memory type: DDR5-SDRAM | Memory clock speed: 5600 | Memory layout (slots x size): 2 x 16 | Memory slots: 2x SO-DIMM | Card reader integrated: Yes | Compatible memory cards: SD | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD interface: PCI Express 4.0 | Storage media: SSD | Total SSDs capacity: 1000 | Total storage capacity: 1000 | Discrete GPU manufacturer: NVIDIA | Discrete graphics card: Yes | Discrete graphics card memory: 24 | Discrete graphics card model: NVIDIA GeForce RTX 5090 | Discrete graphics memory type: GDDR7 | On-board GPU manufacturer: Intel | On-board graphics card: Yes | On-board graphics card family: Intel® Graphics | On-board graphics card model: Intel® Graphics | Audio system: Nahimic 3 | Built-in subwoofer: Yes | Number of built-in speakers: 6 | Speaker power: 2 | Front camera: Yes | Front camera HD type: Full HD | Infrared (IR) camera: Yes | Privacy camera: Yes | Privacy type: Privacy shutter | Video capturing speed: 30 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet LAN: Yes | Ethernet LAN data rates: 2500 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi standards: Wi-Fi 7 (802.11be) | HDMI ports quantity: 1 | HDMI version: 2.1 | Intel® Thunderbolt 5: Yes | Thunderbolt 5 ports quantity: 2 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 3 | Motherboard chipset: Intel HM870 | Copilot key: Yes | Keyboard backlit: Yes | Keyboard backlit colour: RGB | Keyboard backlit zone: Per-key RGB | Numeric keypad: Yes | Pointing device: Trackpad | Bundled software: AI Noise Cancellation Pro, Discrete Graphics Mode, MSI AI Engine, MSI App Player, MSI Center, MSI Companion, Nahimic 3, Nvidia App, Steelseries GG, True Color | Operating system installed: Windows 11 Home | Battery capacity: 6578 | Battery capacity: 99.99 | Number of battery cells: 4 | AC adapter power: 400 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Cable lock slot: Yes | Cable lock slot type: Kensington | Fingerprint reader: Yes | Trusted Platform Module (TPM): Yes | Trusted Platform Module (TPM) version: 2.0 | Depth: 284.05 | Height (front): 22.2 | Height (rear): 28.55 | Weight: 2700 | Width: 357.2 | AC adapter included: No | Warranty period: 2 | Model name: Raider 16 Max HX B2WJ-038NL | Units per Pallet: 0 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01897 | Unit Calculated Weight: 6

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