
**Notebook MSI
Crosshair 18 HX
AI A2XWGKG
CPU Intel Core
Ultra 7 255HX
18 2560 x 1600
pixels RAM 32
GB DDR5-
SDRAM SSD
1000 GB
Discrete
graphics NVIDIA
GeForce RTX
5070 8 GB On-
board graphics
Yes Numeric
keypad Yes OS
installed
Windows 11
Home Colour**

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Black Weight

2.9 kg 6400 MHz



CRO18HXAIA2XWGKG-049NL

Model: CROSSHAIR 18 HX AI A2XWGKG-049NL

Manufacturer: MSI

EAN: 4711377382144

Product Code: 311229

R46,036

A powerful upgrade just dropped in your area: Crosshair 18 HX AI A2XW is bigger and stronger with toughness in its design, loaded with cutting-edge specs that bring tactical advantage to your game. Pick up the loot, aim with precision, and strike with power!

Desktop-Level Performance with Efficiency

Up to Intel® Core™ Ultra 9 Processor 275HX

Unlocking new level of performance with whole-new P-core & E-core architecture bringing improved performance per watt, the Intel® Core™ Ultra 9 processor 275HX is here to make portable gaming cooler, quieter with elite-level performance.

GeForce RTX 50 Series Laptops

Game Changer

Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series Laptop GPUs bring game-changing capabilities to gamers and creators. Equipped with a massive level of AI horsepower, the RTX 50 Series enables new experiences and next-level graphics fidelity. Multiply performance with NVIDIA DLSS 4, generate images at unprecedented speed, and unleash your creativity with NVIDIA Studio.

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All in the thinnest and longest lasting RTX laptops, optimized by Max-Q.

MSI Overboost Technology

When extreme workloads demand full CPU and GPU resources, MSI Overboost technology delivers peak combined performance with a total power output of 170W.

Now Even Smarter

Experience smarter productivity featuring Copilot and MSI AI Engine for seamless multitasking. These advanced AI tools adapt to your needs, optimizing performance and streamlining workflows effortlessly.

Reshaped for Max Cooling

The new cooling vent with shared-pipe design, up to 6 heat pipes between CPU and GPU, a larger thermal pipes' internal diameter and MSI exclusive thermal grease, you can be assured of getting the maximum performance while extreme gaming.

Bigger, Clearer, Smoother

The 18" QHD+ panel delivers a wide, stunning visual clarity while its 240Hz refresh rate ensures fluid and smooth on-screen motion, providing an immersive and responsive gaming experience.

Immerse Yourself in Gaming Ambiance

Experience the radiating vibrant lights of 24-Zone RGB Keyboard featuring illuminated WASD keys and uniquely designed keycaps for an immersive gaming journey infused with style!

High Speed Combo

With support for up to 2 SSDs, blazing-fast transfer speeds and up to DDR5 memory, Crosshair 18 HX AI offers extreme data performance and unmatched gaming and multitasking capability. Experience peak efficiency for all your workloads.

The Way Music Should Be

Immerse yourself in lossless music and enjoy the premium sound quality with Hi-Resolution Audio.

Next Level Audio Immersion

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Experience and listen to audio the way it was intended and share it with Nahimic in-game 3D surround & Sound Sharing via Bluetooth.

Extraordinary Wireless Experience

The latest Wi-Fi 6E delivers stunning speed while keeping the network smooth and stable even when sharing the network with numerous users.

Webcam Shutter

The Crosshair 18 HX AI A2XW adds a Webcam Shutter, letting users physically block the camera to ensure and maintain privacy.

Get All the Buffs

The exclusive MSI Center helps you control and customize your MSI laptop the way you want.

Seamless Gaming Experience

Developed under an exclusive partnership with BlueStacks, the MSI APP Player provides a seamless gaming experience between mobile gaming and the PC.

DISCOVER YOUR NEXT FAVORITE GAME

Enjoy hundreds of high-quality PC games with your new MSI devices and one month of Xbox Game Pass- including EA play. With new games added all the time, there's always something new to play. Redeem Xbox Game Pass through your purchased MSI laptop via Microsoft Store APP.

- Windows 11 Home
- Intel Core Ultra 7 255HX (30MB Cache)
- 45.7 cm (18") Quad HD+ 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

Summary: MSI Crosshair 18 HX AI A2XWGKG-049NL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255HX. Display diagonal: 45.7 cm (18"), 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 5070. Operating system installed: Windows 11 Home. Product colour: Black | Vendor Homepage:

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<https://www.msi.com/Laptop/Crosshair-18-HX-AI-A2XWX/Overview> | Efficient cores: 12 | Efficient-core base frequency: 1.8 | Efficient-core Max Turbo Frequency: 4.5 | Maximum turbo power: 160 | Performance cores: 8 | Performance-core base frequency: 2.4 | Performance-core Max Turbo Frequency: 5.2 | Processor base power: 55 | Processor boost frequency: 5.2 | Processor cache: 30 | Processor cores: 20 | Processor family: Intel Core Ultra 7 | Processor generation: Intel Core Ultra (Series 2) | Processor manufacturer: Intel | Processor model: 255HX | Processor threads: 20 | Anti-glare screen: Yes | Colour gamut: 100 | Display brightness: 500 | Display diagonal: 18 | Display resolution: 2560 x 1600 | HD type: Quad HD+ | Maximum refresh rate: 240 | Native aspect ratio: 16:10 | Panel type: IPS-Level | RGB colour space: DCI-P3 | Touchscreen: No | 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: 33 | Windows Studio effects support: Yes | Internal memory: 32 | Internal memory type: DDR5-SDRAM | Maximum internal memory: 96 | Memory clock speed: 6400 | Memory layout (slots x size): 2 x 16 | Memory slots: 2x SO-DIMM | M.2 SSD size: 2280 (22 x 80 mm) | Number of SSDs installed: 1 | NVMe: Yes | Optical drive type: No | SSD capacity: 1000 | SSD form factor: M.2 | 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: 8 | Discrete graphics card model: NVIDIA GeForce RTX 5070 | 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 microphone: Yes | Number of built-in speakers: 2 | Speaker power: 2 | Front camera: Yes | Front camera HD type: HD | Front camera resolution: 1280 x 720 | Privacy camera: Yes | Privacy type: Privacy shutter | Video capturing speed: 30 | Bluetooth: Yes | Bluetooth version: 5.3 | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100/1000 | Mobile network connection: No | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Wi-Fi standards: Wi-Fi 6E (802.11ax) | WLAN controller manufacturer: Intel | WLAN controller model: Intel Wi-Fi 6E AX211 | Combo headphone/mic port: Yes | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | Intel® Thunderbolt 4: Yes | Thunderbolt 4 ports quantity: 1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 3 | USB Type-C DisplayPort Alternate Mode: Yes | Motherboard chipset: HM870 | Copilot key: Yes | Keyboard backlit: Yes | Keyboard backlit colour: RGB | Keyboard backlit zone: 24-zone RGB | Numeric keypad: Yes | Pointing device: Touchpad | Bundled software: Nvidia App, Nahimic 3, MSI App Player, Mystic Light, MSI Companion, Crosshair, Battery

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Master, MSI Center, Discrete Graphics Mode, MSI AI Engine, Intel Application Optimization, Microsoft Effect Pack (MEP) | Operating system installed: Windows 11 Home | Battery capacity: 5815 | Battery capacity: 90 | Number of battery cells: 4 | AC adapter power: 240 | USB Power Delivery (USB PD): Yes | USB Type-C charging port: Yes | Cable lock slot: Yes | Cable lock slot type: Kensington | Sustainability certificates: EPEAT Silver | Depth: 280 | Height: 29.9 | Weight: 2900 | Width: 404 | AC adapter included: Yes | Warranty period: 2 | NB Family name: Crosshair | Model name: 18 HX AI A2XWGKG | Units per Pallet: 0 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.02368 | Unit Calculated Weight: 5.76

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