



MSI Raider 18 HX AI A2XWJG NVIDIA GeForce Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product code: RAIDER 18 HX AI A2XWJG-074

Product name : Raider 18 HX AI A2XWJG NVIDIA GeForce

- Windows 11 Pro
 - Intel Core Ultra 9 285HX (36MB Cache)
 - 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 5090 (24GB GDDR7)
 - 64GB (6400MHz) DDR5-SDRAM (2 x 32) & 4000GB SSD
- Intel Core Ultra 9 285HX (36MB Cache), 64GB DDR5-SDRAM, 4000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), WLAN, Webcam, Windows 11 Pro

MSI Raider 18 HX AI A2XWJG NVIDIA GeForce Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black:

Two cosmic-level powers converged, lit up like a supernova, thus born the new cosmic-level gaming powerhouse: Raider 18 HX AI. Featuring up to Intel® Core™ Ultra 9 processor 285HX and NVIDIA® GeForce RTX™ 5090 Laptop GPU , with improved efficiency and graphics power, overboost ultra getting higher up to 260W paired with a 18" display, witness and experience this new speculator with glamour and power.



Design		Graphics	
Colour name	Core Black	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel® Graphics
Market positioning	Gaming	On-board graphics card model *	Intel® Graphics
Original brand name	MSI	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	45.7 cm (18")	Number of built-in speakers	6
Display resolution *	3840 x 2400 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	UHD+	Camera	
Panel type	Mini LED	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Anti-glare screen	✓	Front camera HD type	Full HD
RGB colour space	DCI-P3	Video capturing speed	30 fps
Colour gamut	100%	Infrared (IR) camera	✓
Maximum refresh rate	120 Hz	Privacy camera	✓
High Dynamic Range (HDR) supported	✓	Privacy type	Privacy shutter
High Dynamic Range (HDR) technology	DisplayHDR 1000	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 9	Mobile network connection *	✗
Processor generation	Intel Core Ultra (Series 2)	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor model *	285HX	Ethernet LAN data rates	2500 Mbit/s
Processor cores	24	Bluetooth	✓
Processor threads	24	Bluetooth version	5.4

Processor		Ports & interfaces	
Processor boost frequency	5.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	16	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	4.6 GHz	Thunderbolt 5 ports quantity	2
Performance-core base frequency	2.8 GHz	Intel® Thunderbolt 5	✓
Efficient-core base frequency	2.1 GHz	Combo headphone/mic port	✓
Processor cache	36 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W		
Maximum turbo power	160 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	HM870
Sparsity support	✓	Repairability index	8
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Pointing device	Touchpad
Total processor performance up to	36 TOPs	Numeric keypad *	✓
NPU performance up to	13 TOPs	Keyboard backlit	✓
GPU performance up to	8 TOPs	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	24-zone RGB
Internal memory *	64 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	6400 MHz	Operating system installed *	Windows 11 Pro
Memory layout (slots x size)	2 x 32 GB	Bundled software	Nvidia App, True Color, Nahimic 3, MSI App Player, MSI Center, Steelseries GG, Discrete Graphics Mode, MSI AI Engine, AI Noise Cancellation Pro, Intel Application Optimization
Memory slots	2x SO-DIMM		
Maximum internal memory *	96 GB	Battery	
Memory channels	Dual-channel	Number of battery cells	4
Storage		Battery capacity *	99.9 Wh
Total storage capacity *	4 TB	Power	
Storage media *	SSD	AC adapter power	400 W
Total SSDs capacity	4 TB	AC adapter input voltage	90 - 264 V
Number of SSDs installed	2	USB Power Delivery (USB PD)	✓
SSD capacity	2 TB	Security	
SSD interface	PCI Express 4.0, PCI Express 5.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	SD	Sustainability	
Graphics		Sustainability certificates	EPEAT Silver
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Width	404 mm
Discrete graphics card memory	24 GB	Depth	307.5 mm
Discrete graphics memory type	GDDR7	Height (front)	2.4 cm
		Height (rear)	3.21 cm
		Weight *	3.6 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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