



MSI Raider 18 HX AI A2XWJG-445CA Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : MSI

Product family: Raider

Product code: RAIDER 18 HX AI A2XWJG-445CA

Product name : Raider 18 HX AI A2XWJG-445CA

- Windows 11 Home
- Intel Core Ultra 9 285HX (36MB Cache)
- 45.7 cm (18") UHD+ 3840 x 2400 IPS-Level, NVIDIA GeForce RTX 5090 (24GB GDDR7)
- 64GB (6400MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD

Intel Core Ultra 9 285HX (36MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), WLAN, Webcam, Windows 11 Home

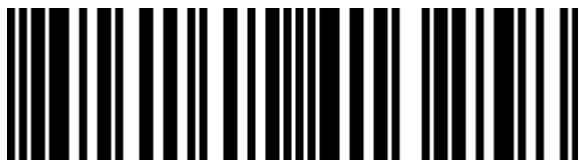
MSI Raider 18 HX AI A2XWJG-445CA Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Black:

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	Discrete graphics card memory	24 GB
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	Black	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Housing material	Metal, Plastic	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel Graphics
Original brand name	MSI	On-board graphics card model *	Intel Graphics
Display		Audio	
Display diagonal *	45.7 cm (18")	Audio system	Nahimic 3
Display resolution *	3840 x 2400 pixels	Number of built-in speakers	6
Touchscreen *	✗	Speakers manufacturer	Nahimic
HD type	UHD+	Speaker power	2 W
Panel type	IPS-Level	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
RGB colour space	DCI-P3	Front camera HD type	Full HD
Colour gamut	100%	Video capturing speed	30 fps
Maximum refresh rate	120 Hz	Infrared (IR) camera	✓
High Dynamic Range (HDR) supported	✓	Privacy camera	✓
High Dynamic Range (HDR) technology	DisplayHDR 1000	Privacy type	Privacy shutter
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 9	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Mobile network connection *	✗
Processor model *	285HX	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor cores	24	Ethernet LAN data rates	2500 Mbit/s
Processor threads	24	Bluetooth	✓
Processor boost frequency	5.5 GHz	Bluetooth version	5.4
Performance cores	8		
Efficient cores	16		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Efficient-core Max Turbo Frequency	4.6 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.8 GHz	HDMI ports quantity *	1
Efficient-core base frequency	2.1 GHz	HDMI version	2.1
Processor cache	36 MB	Thunderbolt 5 ports quantity	2
Processor base power	55 W	Intel® Thunderbolt 5	✓
Maximum turbo power	160 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	Intel AI Boost	Performance	
Sparsity support	✓	Motherboard chipset	HM870
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 Home
Memory layout (slots x size)	2 x 32 GB	Battery	
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	96 GB	Battery capacity *	99.9 Wh
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	400 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	2 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	2 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Sustainability	
Compatible memory cards	SD	Sustainability certificates	EPEAT Silver
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	404 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5090	Depth	307.5 mm
		Height (front)	2.4 cm
		Height (rear)	3.21 cm
		Weight *	3.6 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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