



MSI Raider 18 HX AI A2XWIG-010UK Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Advanced Black

Brand : MSI

Product family: Raider

Product code: RAIDER 18 HX AI A2XWIG-010UK

Product name : Raider 18 HX AI A2XWIG-010UK



Intel Core Ultra 9 285HX (36MB Cache, 5.5GHz), 64GB DDR5-SDRAM, 4000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), WLAN, Webcam, Windows 11 Home Advanced

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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 *	✓
Product type *	Laptop	On-board graphics card family	Intel Graphics
Product colour *	Black	On-board graphics card model *	Intel Graphics
Form factor *	Clamshell	Audio	
Market positioning	Gaming	Number of built-in speakers	4
Original brand name	MSI	Speaker power	2 W
Display		Camera	
Display diagonal *	45.7 cm (18")	Front camera	✓
Display resolution *	3840 x 2400 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	UHD+	Video capturing speed	30 fps
Panel type	Mini LED	Infrared (IR) camera	✓
Native aspect ratio	16:10	Privacy camera	✓
Anti-glare screen	✓	Privacy type	Privacy shutter
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	120 Hz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Killer Wi-Fi BE1750x
Processor family *	Intel Core Ultra 9	Ethernet LAN data rates	2500 Mbit/s
Processor model *	285HX	Bluetooth	✓
Processor cores	24	Bluetooth version	5.4
Processor frequency *	5.5 GHz	Ports & interfaces	
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Efficient cores	16	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	4.6 GHz		
Performance-core base frequency	2.8 GHz		
Efficient-core base frequency	2.1 GHz		

Processor		Ports & interfaces	
Processor cache	36 MB	HDMI ports quantity *	1
Processor cache type	L2	HDMI version	2.1
Processor base power	55 W	Thunderbolt 5 ports quantity	2
Maximum turbo power	160 W	Intel® Thunderbolt 5	✓
Neural processor unit (NPU)		Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
Maximum frequency NPU	13 GHz	Performance	
Sparsity support	✓	Motherboard chipset	Intel HM870
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	64 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	6400 MHz	Copilot key	✓
Memory layout (slots x size)	2 x 32 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home Advanced
Maximum internal memory *	96 GB	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	4 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	99.99 Wh
Total SSDs capacity	4 TB	Power	
Number of SSDs installed	2	AC adapter power	400 W
SSD capacity	2 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD	Trusted Platform Module (TPM) version	2.0
Graphics		Sustainability	
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	EPEAT Silver
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Weight & dimensions	
Discrete graphics card memory	16 GB	Width	404 mm
Discrete graphics memory type	GDDR7	Depth	307 mm
On-board graphics card *	✓	Height	32 mm
On-board GPU manufacturer	Intel	Weight *	3.6 kg
		Packaging data	
		Package width	484 mm
		Package depth	122 mm
		Package height	386 mm
		Other features	
		Warranty period	2 year(s)



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Publication date: 21-FEB-2025. Prints or copies of Information are only valid on the printed Publication date