



**MSI Titan 18 HX AI A2XW-005UK Intel Core Ultra 9 285HX Laptop
45.7 cm (18") UHD+ 96 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce
RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black**

Brand : MSI

Product family: Titan

Product code: TITAN 18 HX AI
A2XW-005UK

Product name : Titan 18 HX AI
A2XW-005UK



Intel Core Ultra 9 285HX (36MB Cache), 96GB DDR5-SDRAM, 4000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro

MSI Titan 18 HX AI A2XW-005UK Intel Core Ultra 9 285HX Laptop 45.7 cm (18") UHD+ 96 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Pro Black:

Standing proudly as a leader in gaming innovation, the Titan 18 HX AI has reached new heights, pushing the limits of performance with its top-tier, all-encompassing features. Its advanced cooling system delivers unmatched power, ensuring smooth performance even during the most demanding tasks. Encased in a strong yet lightweight magnesium-aluminum alloy chassis, this flagship device blends durability with portability, making it the top choice for gamers and creators aiming for excellence.



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		Number of built-in speakers	4
Display diagonal *	45.7 cm (18")	Speaker power	2 W
Display resolution *	3840 x 2400 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	UHD+	Front camera resolution	1920 x 1080 pixels
Panel type	Mini LED	Front camera HD type	Full HD
Native aspect ratio	16:10	Video capturing speed	30 fps
RGB colour space	DCI-P3	Infrared (IR) camera	✓
Colour gamut	100%	Privacy camera	✓
Maximum refresh rate	120 Hz	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 BE1750x
Processor cores	24	Ethernet LAN	✓
Processor threads	24	Ethernet LAN data rates	2500 Mbit/s
Processor boost frequency	5.5 GHz	Bluetooth	✓
Performance cores	8	Bluetooth version	5.4
Efficient cores	16		
Performance-core Max Turbo Frequency	5.5 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	4.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Performance-core base frequency	2.8 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	2.1 GHz	HDMI ports quantity *	1
Processor cache	36 MB	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	✓
Sparsity support	✓	Performance	
Windows Studio effects support	✓	Motherboard chipset	Intel HM870
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard	
Total processor performance up to	36 TOPs	Pointing device	Touchpad
NPU performance up to	13 TOPs	Numeric keypad *	✓
GPU performance up to	8 TOPs	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	96 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 48 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	96 GB	Number of battery cells	4
Storage		Battery capacity *	99.99 Wh
Total storage capacity *	4 TB	Power	
Storage media *	SSD	AC adapter power	400 W
Total SSDs capacity	4 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	2	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 mm
Discrete graphics card memory	24 GB	Height	32 mm
Discrete graphics memory type	GDDR7	Weight *	3.6 kg
		Packaging data	
		Package width	483 mm
		Package depth	114 mm
		Package height	377 mm
		Other features	
		Warranty period	2 year(s)



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