



**MSI Titan 18 HX A2XWJG-429CA Intel Core Ultra 9 285HX Laptop  
45.7 cm (18") UHD+ 96 GB DDR5-SDRAM 6 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  
A2XWJG-429CA

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A2XWJG-429CA

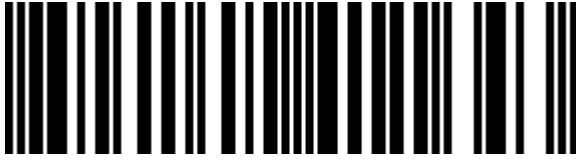


- Windows 11 Pro  
- Intel Core Ultra 9 285HX (36MB Cache)  
- 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 5090 (24GB GDDR7)  
- 96GB (6400MHz) DDR5-SDRAM & 6000GB SSD  
Intel Core Ultra 9 285HX (36MB Cache), 96GB DDR5-SDRAM, 6000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5090 (24GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro  
MSI Titan 18 HX A2XWJG-429CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 285HX. Display diagonal: 45.7 cm (18"), HD type: UHD+, Display resolution: 3840 x 2400 pixels. Internal memory: 96 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 6 TB, Storage media: SSD. On-board graphics card model: Intel Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5090. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Core Black	Discrete graphics memory type	GDDR7
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Housing material	Metal, Plastic	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")	Number of built-in speakers	6
Display resolution *	3840 x 2400 pixels	Speaker power	2 W
Touchscreen *	✗	Camera	
HD type	UHD+	Front camera	✓
Panel type	Mini LED	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
Anti-glare screen	✓	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 7 1750x
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		

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	Intel HM870
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	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	Per-key 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 slots	2x SO-DIMM	Battery	
Maximum internal memory *	96 GB	Number of battery cells	4
Storage		Battery capacity *	99.9 Wh
Total storage capacity *	6 TB	Power	
Storage media *	SSD	AC adapter power	400 W
Total SSDs capacity	6 TB	DC-in jack	✓
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	SD	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
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
		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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