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MSI Titan 18 HX AI A2XWIG-073 laptop Intel Core Ultra 9 285HX 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 6 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Titan

Product code: TITAN 18 HX AI A2XWIG-073

Product name : TITAN 18 HX AI A2XWIG-073

- Windows 11 Pro
- Intel Core Ultra 9 285HX (36MB Cache)
- 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 5080 (16GB GDDR7)
- 64GB (6400MHz) DDR5-SDRAM (2 x 32) & 6000GB SSD

Intel Core Ultra 9 285HX (36MB Cache), 64GB DDR5-SDRAM, 6000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Graphics, NVIDIA GeForce RTX 5080 (16GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro

MSI Titan 18 HX AI A2XWIG-073 laptop Intel Core Ultra 9 285HX 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 6 TB SSD NVIDIA GeForce RTX 5080 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	
Colour name	Core Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Original brand name	MSI

Display	
Display diagonal *	45.7 cm (18")
Display resolution *	3840 x 2400 pixels
Touchscreen *	✕
HD type	UHD+
Panel type	Mini LED
Native aspect ratio	16:10
Anti-glare screen	✔
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 1000

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 9
Processor generation	Intel Core Ultra (Series 2)
Processor model *	285HX
Processor cores	24
Processor threads	24

Graphics	
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Audio	
Number of built-in speakers	4
Speaker power	2 W

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✕
WLAN controller model	Killer Wi-Fi 7 BE1750
Ethernet LAN	✔
Ethernet LAN data rates	2500 Mbit/s
Bluetooth	✔
Bluetooth version	5.4

Processor	
Processor boost frequency	5.5 GHz
Performance cores	8
Efficient cores	16
Performance-core Max Turbo Frequency	5.5 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.8 GHz
Efficient-core base frequency	2.1 GHz
Processor cache	36 MB
Processor base power	55 W
Maximum turbo power	160 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	36 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs

Memory	
Internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	6400 MHz
Memory layout (slots x size)	2 x 32 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB
Memory channels	Dual-channel

Storage	
Total storage capacity *	6 TB
Storage media *	SSD
Total SSDs capacity	6 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5080
Discrete graphics card memory	16 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 5 ports quantity	2
Intel® Thunderbolt 5	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Motherboard chipset	Intel HM870
Repairability index	8.1

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB
Copilot key	✔

Software	
Operating system installed *	Windows 11 Pro
Bundled software	True Color Nahimic 3 MSI App Player MSI Center Steelseries GG Discrete Graphics Mode MSI AI Engine AI Noise Cancellation Pro

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	99 Wh

Power	
AC adapter power	400 W
AC adapter input voltage	90 - 264 V
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Sustainability	
Sustainability certificates	EPEAT Silver

Weight & dimensions	
Width	404 mm
Depth	307.5 mm
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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Publication date: 11-APR-2026. Prints or copies of Information are only valid on the printed Publication date