



MSI Titan 18 HX A14VHG-004UK Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Titan

Product code: TITAN 18 HX A14VHG-004UK

Product name : Titan 18 HX A14VHG-004UK



- Windows 11 Pro
 - Intel Core i9-14900HX (36MB Cache)
 - 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD
 Intel Core i9-14900HX (36MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), WLAN, Webcam, Windows 11 Pro
 MSI Titan 18 HX A14VHG-004UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 45.7 cm (18"), HD type: UHD+, Display resolution: 3840 x 2400 pixels. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Graphics	
Colour name	Core Black	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Nahimic 3
Form factor *	Clamshell	Number of built-in speakers	4
Display		Speakers manufacturer	Nahimic
Display diagonal *	45.7 cm (18")	Speaker power	2 W
Display resolution *	3840 x 2400 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	UHD+	Front camera	✓
Panel type	Mini LED	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:10	Front camera HD type	HD
Anti-glare screen	✓	Video capturing speed	30 fps
RGB colour space	DCI-P3	Infrared (IR) camera	✓
Colour gamut	100%	Network	
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor		Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i9	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor generation	Intel® Core™ i9 (14th gen)	WLAN controller manufacturer	Killer
Processor model *	i9-14900HX	Ethernet LAN	✓
Processor cores	24	Bluetooth	✓
Processor threads	32	Bluetooth version	5.4
Processor boost frequency	5.8 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
Performance-core Max Turbo Frequency	5.8 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz	HDMI version	2.1
Performance-core base frequency	2.2 GHz	Thunderbolt 4 ports quantity	2
Efficient-core base frequency	1.6 GHz	Intel® Thunderbolt 4	✓
Efficient-core boost frequency	1.6 GHz	Combo headphone/mic port	✓
Processor cache	36 MB		

Processor		Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel HM770
Processor base power	55 W	Keyboard	
Maximum turbo power	157 W	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	64 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	5600 MHz	Keyboard backlit zone	Per-key RGB
Memory form factor	SO-DIMM	Software	
Memory layout (slots x size)	2 x 32 GB	Operating system installed *	Windows 11 Pro
Memory slots	4x SO-DIMM	Battery	
Maximum internal memory *	128 GB	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	99.99 Wh
Storage media *	SSD	Power	
Total SSDs capacity	2 TB	AC adapter power	400 W
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	✓	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	404 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Depth	307.5 mm
Discrete graphics card memory	12 GB	Height (front)	2.4 cm
Discrete graphics memory type	GDDR6	Height (rear)	3.2 cm
On-board graphics card *	✓	Weight *	3.6 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✓	Package width	483 mm
On-board graphics card family	Intel® UHD Graphics	Package depth	114 mm
		Package height	400 mm
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	2 year(s)



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