



## MSI Titan 18 HX A14VHG-019FR Intel® Core™ i9 i9-14900HX Laptop 45,7 cm (18") UHD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** MSI

**Article code:** TITAN 18 HX A14VHG-019FR

**Product name :** Titan 18 HX A14VHG-019FR

MSI Titan 18 HX A14VHG-019FR. 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: 32 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 color: Black



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® UHD Graphics
Display		On-board graphics card model *	Intel® UHD Graphics
Display diagonal *	45.7 cm (18")	Audio	
Display resolution *	3840 x 2400 pixels	Audio system	Nahimic 3
Touchscreen *	✗	Number of built-in speakers	4
HD type	UHD+	Speakers manufacturer	Nahimic
Panel type	Mini LED	Speaker power	2 W
LED backlight	✓	Built-in subwoofer	✓
Native aspect ratio	16:10	Built-in microphone	✓
Anti-glare screen	✓	Camera	
RGB colour space	DCI-P3	Front camera	✓
Colour gamut	100%	Front camera resolution	1920 x 1080 pixels
Maximum refresh rate	120 Hz	Front camera HD type	Full HD
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000	Video capturing speed	30 fps
Processor		Infrared (IR) camera	✓
Processor manufacturer *	Intel	Network	
Processor family *	Intel® Core™ i9	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor generation	Intel® Core™ i9 (14th gen)	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor model *	i9-14900HX	Mobile network connection *	✗
Processor cores	24	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	5.8 GHz	Ethernet LAN	✓
Performance cores	8	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Efficient cores	16	Bluetooth	✓

Processor		Network	
Performance-core Max Turbo Frequency	5.8 GHz	Bluetooth version	5.4
Efficient-core Max Turbo Frequency	4.1 GHz	Ports & interfaces	
Performance-core base frequency	2.2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Efficient-core base frequency	1.6 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	36 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	55 W	Thunderbolt 4 ports quantity	2
Maximum turbo power	157 W	Intel® Thunderbolt 4	✓
Memory		Combo headphone/mic port	✓
Internal memory *	32 GB	Performance	
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel HM770
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Numeric keypad *	✓
Memory slots	4x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	128 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	Per-key RGB
Total storage capacity *	2 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	2 TB	Battery	
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	2 TB	Battery capacity *	99.9 Wh
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	400 W
SSD form factor	M.2	USB Power Delivery (USB PD) *	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	SD	Cable lock slot type	Kensington
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Weight & dimensions	
Discrete graphics card memory	12 GB	Width	404 mm
Discrete graphics memory type	GDDR6	Depth	307.5 mm
		Height (front)	2.4 cm
		Height (rear)	3.21 cm
		Weight *	3.6 kg



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