



## MSI Thin 18 HX A14VHG-083CA Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 4 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product code: TITAN 18 HX A14VHG-083CA

Product name : Thin 18 HX A14VHG-083CA

- 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) & 4000GB SSD  
Intel Core i9-14900HX (36MB Cache), 64GB DDR5-SDRAM, 4000GB 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 Thin 18 HX A14VHG-083CA. 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: 4 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 family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Black	<b>Audio</b>	
Form factor *	Clamshell	Audio system	Nahimic 3
<b>Display</b>		Number of built-in speakers	6
Display diagonal *	45.7 cm (18")	Speakers manufacturer	Nahimic
Display resolution *	3840 x 2400 pixels	Speaker power	2 W
Touchscreen *	✗	Built-in microphone	✓
HD type	UHD+	<b>Camera</b>	
Panel type	Mini LED	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Anti-glare screen	✓	Front camera HD type	Full HD
Display brightness	1000 cd/m <sup>2</sup>	Video capturing speed	30 fps
RGB colour space	DCI-P3	Infrared (IR) camera	✓
Colour gamut	100%	<b>Network</b>	
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
<b>Processor</b>		Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i9	Ethernet LAN	✓
Processor generation	Intel® Core™ i9 (14th gen)	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor model *	i9-14900HX	Bluetooth	✓
Processor cores	24	Bluetooth version	5.4
Processor boost frequency	5.8 GHz	<b>Ports &amp; interfaces</b>	
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		
Efficient-core Max Turbo Frequency	4.1 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Performance-core base frequency	2.2 GHz	HDMI ports quantity *	1
Efficient-core boost frequency	1.6 GHz	HDMI version	2.1
Processor cache	36 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	55 W	Combo headphone/mic port	✓
Maximum turbo power	157 W		
<b>Memory</b>		<b>Performance</b>	
Internal memory *	64 GB	Motherboard chipset	Intel HM770
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz	<b>Keyboard</b>	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 32 GB	Numeric keypad *	✓
Memory slots	4x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	128 GB	Keyboard backlit colour	RGB
		Keyboard backlit zone	Per-key RGB
<b>Storage</b>		<b>Software</b>	
Total storage capacity *	4 TB	Operating system installed *	Windows 11 Pro
Storage media *	SSD		MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trial 60days) Norton Studio (Metro) (permanent free) Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0
Total SSDs capacity	4 TB	Bundled software	
Number of SSDs installed	2		
SSD capacity	2 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD		
<b>Graphics</b>		<b>Battery</b>	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	4
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Battery capacity *	99.9 Wh
Discrete graphics card memory	12 GB		
Discrete graphics memory type	GDDR6	<b>Power</b>	
On-board graphics card *	✓	AC adapter power	400 W
Discrete graphics card *	✓		
		<b>Security</b>	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		<b>Weight &amp; dimensions</b>	
		Width	404 mm
		Depth	307.5 mm
		Height (front)	2.4 cm
		Height (rear)	3.21 cm
		Weight *	3.6 kg

## Catalog Object Cloud



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