



MSI Raider 18 HX A14VIG-278UK Intel® Core™ i9 i9-14900HX Laptop 45.7 cm (18") WQUXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Raider

Product code: RAIDER 18 HX A14VIG-278UK

Product name : Raider 18 HX A14VIG-278UK



- Windows 11 Pro
 - Intel Core i9-14900HX (36MB Cache)
 - 45.7 cm (18") WQUXGA 3840 x 2400, NVIDIA GeForce RTX 4090 (16GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD
 Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") WQUXGA 3840 x 2400, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro
 MSI Raider 18 HX A14VIG-278UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 45.7 cm (18"), HD type: WQUXGA, 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 4090. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Black	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	45.7 cm (18")	Number of built-in speakers	4
Display resolution *	3840 x 2400 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	WQUXGA	Camera	
RGB colour space	DCI-P3	Front camera	✓
Colour gamut	100%	Front camera HD type	Full HD
Maximum refresh rate	120 Hz	Video capturing speed	30 fps
Processor		Infrared (IR) camera	✓
Processor manufacturer *	Intel	Privacy camera	✓
Processor family *	Intel® Core™ i9	Privacy type	Privacy shutter
Processor generation	Intel® Core™ i9 (14th gen)	Network	
Processor model *	i9-14900HX	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor cores	24	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor boost frequency	5.8 GHz	Mobile network connection *	✗
Performance cores	8	Ethernet LAN	✓
Efficient cores	16	Ethernet LAN data rates	2500 Mbit/s
Performance-core Max Turbo Frequency	5.8 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Bluetooth version	5.4
Performance-core base frequency	2.2 GHz	Ports & interfaces	
Efficient-core base frequency	1.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Processor cache	36 MB	Ethernet LAN (RJ-45) ports	1
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	55 W	HDMI version	2.1
Maximum turbo power	157 W	Thunderbolt 4 ports quantity	2
Memory		Intel® Thunderbolt 4	✓
Internal memory *	32 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM		

Memory		Ports & interfaces	
Memory clock speed	5600 MHz	Charging port type	DC-in jack
Memory layout (slots x size)	2 x 16 GB	Performance	
Memory slots	4x SO-DIMM	Motherboard chipset	Intel HM770
Maximum internal memory *	192 GB	Keyboard	
Storage		Pointing device	Touchpad
Total storage capacity *	2 TB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Total SSDs capacity	2 TB	Keyboard backlit colour	RGB
Number of SSDs installed	1	Keyboard backlit zone	Per-key RGB
SSD capacity	2 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓	Battery	
Optical drive type *	✗	Number of battery cells	4
Card reader integrated	✓	Battery capacity *	99.9 Wh
Compatible memory cards	SD	Power	
Graphics		AC adapter power	330 W
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Cable lock slot	✓
Discrete graphics card memory	16 GB	Cable lock slot type	Kensington
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	404 mm
		Depth	308 mm
		Height	32 mm
		Weight *	3.6 kg



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