



**MSI Crosshair 16 HX D14VFKG Intel® Core™ i7 i7-14700HX Laptop
40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 10 Home
Advanced Grey**



Brand : MSI

Product family: Crosshair

Product code:
9S7-15P223-002

Product name : Crosshair 16
HX D14VFKG

- Windows 10 Home Advanced
- Intel Core i7-14700HX (33MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD
Intel Core i7-14700HX (33MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 10 Home Advanced
MSI Crosshair 16 HX D14VFKG. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14700HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 10 Home Advanced. Product colour: Grey

Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Grey	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1280 x 720 pixels
HD type	Quad HD+	Front camera HD type	HD
Maximum refresh rate	240 Hz	Video capturing speed	30 fps
Processor		Privacy type	Privacy shutter
Processor manufacturer *	Intel	Network	
Processor family *	Intel® Core™ i7	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor generation	Intel Core i7-14xxx	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	i7-14700HX	Mobile network connection *	✗
Processor cores	20	Ethernet LAN	✓
Processor boost frequency	4.4 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance cores	8	Bluetooth	✓
Efficient cores	12	Bluetooth version	5.3
Performance-core Max Turbo Frequency	5.5 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.9 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance-core base frequency	2.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core base frequency	1.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	33 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	55 W	Microphone in	✓
Maximum turbo power	157 W	Combo headphone/mic port	✓
Memory		Charging port type	DC-in jack
Internal memory *	16 GB	USB Type-C DisplayPort Alternate Mode	✓
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory slots	2x SO-DIMM		

Memory		Performance	
Maximum internal memory *	96 GB	Motherboard chipset	Intel HM770
Storage		Keyboard	
Total storage capacity *	1 TB	Pointing device	Touchpad
Storage media *	SSD	Numeric keypad *	✓
Total SSDs capacity	1 TB	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 10 Home Advanced
NVMe	✓	Battery	
SSD form factor	M.2	Number of battery cells	4
Optical drive type *	✗	Battery capacity *	90 Wh
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	240 W
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Security	
Discrete graphics card memory	8 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM) version	2.0
		Weight & dimensions	
		Width	359 mm
		Depth	266.4 mm
		Height	27.9 mm
		Weight *	2.5 kg

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