



MSI Crosshair 16 HX D14VFKG-002UK 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 Grey

Brand : MSI

Product family: Crosshair

Product code: CROSSHAIR 16 HX D14VFKG-002UK

Product name : Crosshair 16 HX D14VFKG-002UK



- Windows 11 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 (2 x 8) & 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 11 Home Advanced
 MSI Crosshair 16 HX D14VFKG-002UK. 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. Product colour: Grey

Design		Audio	
Colour name	Cosmos Gray	Speaker power	2 W
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Video capturing speed	30 fps
Display resolution *	2560 x 1600 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	Quad HD+	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	240 Hz	WLAN controller model	Intel Wi-Fi 6E AX211
Processor		WLAN controller manufacturer	Intel
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel® Core™ i7	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor generation	Intel® Core™ i7 (14th gen)	Bluetooth	✓
Processor model *	i7-14700HX	Bluetooth version	5.3
Processor cores	20	Ports & interfaces	
Processor threads	28	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor boost frequency	5.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	12	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.9 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.1 GHz	Charging port type	DC-in jack
Efficient-core base frequency	1.5 GHz		

Processor		Ports & interfaces	
Processor cache	33 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Performance	
Processor base power	55 W	Motherboard chipset	Intel HM770
Maximum turbo power	157 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	4-zone RGB
Memory layout (slots x size)	2 x 8 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 10 Home
Maximum internal memory *	64 GB	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	240 W
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Width	359 mm
Discrete graphics card memory	8 GB	Depth	266 mm
Discrete graphics memory type	GDDR6	Height (front)	2.18 cm
On-board graphics card *	✓	Height (rear)	2.8 cm
On-board GPU manufacturer	Intel	Weight *	2.25 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card family	Intel® UHD Graphics	Package width	489 mm
On-board graphics card model *	Intel® UHD Graphics	Package depth	93 mm
Audio		Package height	315 mm
Number of built-in speakers	2	Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	2 year(s)



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