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: CROSSHAIR 16 HX D14VFKG-002UK

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	
Colour name	Cosmos Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	Quad HD+
Maximum refresh rate	240 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	Intel Core i7-14xxx
Processor model *	i7-14700HX
Processor cores	20
Processor boost frequency	4.4 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.5 GHz
Efficient-core Max Turbo Frequency	3.9 GHz
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.5 GHz
Processor cache	33 MB
Processor cache type	Smart Cache
Processor base power	55 W
Maximum turbo power	157 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory slots	2x SO-DIMM

Audio	
Number of built-in speakers	2
Speaker power	2 W

Camera	
Front camera	✓
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Microphone in	✓
Combo headphone/mic port	✓
Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✓

Performance	
Motherboard chipset	Intel HM770

Memory	
Maximum internal memory *	96 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB

Software	
Operating system installed *	Windows 10 Home Advanced

Battery	
Number of battery cells	4
Battery capacity *	90 Wh

Power	
AC adapter power	240 W

Security	
Cable lock slot	✓
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0

Weight & dimensions	
Width	359 mm
Depth	266.4 mm
Height	27.9 mm
Weight *	2.5 kg

Packaging data	
Package width	489 mm
Package depth	93 mm
Package height	315 mm
Package weight	2.9 kg

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