



**MSI Sword 16 HX B14VFKG-016BE Intel® Core™ i7 i7-14700HX
Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD
NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home
Grey**

Brand : MSI

Product family: Sword

Product code: SWORD 16 HX
B14VFKG-016BE

Product name : Sword 16 HX
B14VFKG-016BE

- Windows 11 Home
- Intel Core i7-14700HX (33MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200, 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") Full HD+ 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Sword 16 HX B14VFKG-016BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14700HX. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 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 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Grey	Audio system	Nahimic 3
Form factor *	Clamshell	Number of built-in speakers	2
Original brand name	MSI	Speakers manufacturer	Nahimic
Display		Speaker power	2 W
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1280 x 720 pixels
HD type	Full HD+	Front camera HD type	HD
Native aspect ratio	16:10	Video capturing speed	30 fps
Anti-glare screen	✓	Privacy camera	✓
Maximum refresh rate	144 Hz	Privacy type	Privacy shutter
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel® Core™ i7	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor generation	Intel® Core™ i7 (14th gen)	Mobile network connection *	✗
Processor model *	i7-14700HX	WLAN controller model	Intel Wi-Fi 6E AX211
Processor cores	20	WLAN controller manufacturer	Intel
Processor threads	28	Ethernet LAN	✓
Processor boost frequency	5.5 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		
Maximum turbo power	157 W		

Memory		Ports & interfaces	
Internal memory *	16 GB	Combo headphone/mic port	✔
Internal memory type	DDR5-SDRAM	USB Type-C DisplayPort Alternate Mode	✔
Memory clock speed	5600 MHz	Performance	
Memory layout (slots x size)	2 x 8 GB	Motherboard chipset	Intel HM770
Memory slots	2x SO-DIMM	Keyboard	
Maximum internal memory *	96 GB	Pointing device	Touchpad
Storage		Numeric keypad *	✔
Total storage capacity *	1 TB	Keyboard backlit	✔
Storage media *	SSD	Keyboard backlit colour	RGB
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	1 TB	Bundled software	Nvidia GeForce Experience, Nahimic 3, MSI App Player, Mystic Light, Game Highlights, MSI Companion, Crosshair, Battery Master, MSI Center, Discrete Graphics Mode, MSI AI Engine, Nvidia Broadcast, Intel Application Optimization, Microsoft Effect Pack (MEP)
SSD interface	PCI Express 4.0		
NVMe	✔		
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 *	✔		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✔		
On-board graphics card family	Intel® UHD Graphics		
		Battery	
		Number of battery cells	4
		Battery capacity *	65 Wh
		Power	
		AC adapter power	200 W
		Security	
		Cable lock slot	✔
		Cable lock slot type	Kensington
		Weight & dimensions	
		Width	359 mm
		Depth	267 mm
		Height	27 mm
		Weight *	2.3 kg
		Other features	
		Warranty period	2 year(s)



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