



MSI Sword 16 HX B14VGKG-003UK 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 11 Home Grey

Brand : MSI

Product family: Sword

Product code: SWORD 16 HX B14VGKG-003UK

Product name : Sword 16 HX B14VGKG-003UK

- Windows 11 Home
- 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
MSI Sword 16 HX B14VGKG-003UK. 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 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Cosmos Gray	On-board GPU manufacturer	Intel
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Grey	On-board graphics card family	Intel® UHD Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel® UHD Graphics
Original brand name	MSI	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	Quad HD+	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1280 x 720 pixels
Maximum refresh rate	240 Hz	Front camera HD type	HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Privacy camera	✓
Processor family *	Intel® Core™ i7	Privacy type	Privacy shutter
Processor generation	Intel® Core™ i7 (14th gen)	Network	
Processor model *	i7-14700HX	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor cores	20	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor threads	28	Mobile network connection *	✗
Processor boost frequency	5.5 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance cores	8	WLAN controller manufacturer	Intel
Efficient cores	12	Ethernet LAN	✓
Performance-core Max Turbo Frequency	5.5 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Efficient-core Max Turbo Frequency	3.9 GHz	Bluetooth	✓
Performance-core base frequency	2.1 GHz	Bluetooth version	5.3
Efficient-core base frequency	1.5 GHz	Ports & interfaces	
Processor cache	33 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor base power	55 W		
Maximum turbo power	157 W		

Memory		Ports & interfaces	
Internal memory *	16 GB	Ethernet LAN (RJ-45) ports	1
Internal memory type	DDR5-SDRAM	HDMI ports quantity *	1
Memory clock speed	5600 MHz	HDMI version	2.1
Memory layout (slots x size)	2 x 8 GB	Combo headphone/mic port	✓
Memory slots	2x SO-DIMM	USB Type-C DisplayPort Alternate Mode	✓
Maximum internal memory *	96 GB		
Storage		Performance	
Total storage capacity *	1 TB	Motherboard chipset	Intel HM770
Storage media *	SSD	Keyboard	
Total SSDs capacity	1 TB	Pointing device	Touchpad
Number of SSDs installed	1	Numeric keypad *	✓
SSD capacity	1 TB	Keyboard backlit	✓
SSD interface	PCI Express 4.0	Keyboard backlit colour	RGB
NVMe	✓	Software	
Optical drive type *	✗	Operating system installed *	Windows 11 Home
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	4
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Battery capacity *	65 Wh
Discrete graphics card memory	8 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	200 W
On-board graphics card *	✓	Security	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Weight & dimensions	
		Width	359 mm
		Depth	267 mm
		Height	27 mm
		Weight *	2.3 kg



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Publication date: 24-SEP-2024. Prints or copies of Information are only valid on the printed Publication date