



# MSI Sword 16 HX B14VGKG-013UK Intel® Core™ i7 i7-14700HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : MSI

Product family: Sword

Product code: SWORD 16 HX B14VGKG-013UK

Product name : Sword 16 HX B14VGKG-013UK

- Windows 11 Home
  - Intel Core i7-14700HX (33MB Cache)
  - 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4070 (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 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home

MSI Sword 16 HX B14VGKG-013UK. 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 4070. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Cosmos Gray	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Original brand name	MSI	On-board graphics card family	Intel® UHD Graphics
		On-board graphics card model *	Intel® UHD Graphics
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio system	Nahimic 3
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speakers manufacturer	Nahimic
HD type	Quad HD+	Speaker power	2 W
Native aspect ratio	16:10	Camera	
Anti-glare screen	✓	Front camera	✓
RGB colour space	DCI-P3	Front camera resolution	1280 x 720 pixels
Colour gamut	100%	Front camera HD type	HD
Maximum refresh rate	240 Hz	Video capturing speed	30 fps
Processor		Privacy camera	✓
Processor manufacturer *	Intel	Privacy type	Privacy shutter
Processor family *	Intel® Core™ i7	Network	
Processor generation	Intel® Core™ i7 (14th gen)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor model *	i7-14700HX	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor cores	20	Mobile network connection *	✗
Processor threads	28	WLAN controller model	Intel Wi-Fi 6E AX211
Processor boost frequency	5.5 GHz	WLAN controller manufacturer	Intel
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 *	1
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		
Processor cache	33 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor base power	55 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	157 W	HDMI ports quantity *	1
<b>Memory</b>		HDMI version	2.1
Internal memory *	16 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	USB Type-C DisplayPort Alternate Mode	✓
Memory clock speed	5600 MHz	<b>Performance</b>	
Memory layout (slots x size)	2 x 8 GB	Motherboard chipset	Intel HM770
Memory slots	2x SO-DIMM	<b>Keyboard</b>	
Maximum internal memory *	96 GB	Pointing device	Touchpad
<b>Storage</b>		Numeric keypad *	✓
Total storage capacity *	1 TB	Keyboard backlit	✓
Storage media *	SSD	Keyboard backlit colour	RGB
Total SSDs capacity	1 TB	<b>Software</b>	
Number of SSDs installed	1	Operating system installed *	Windows 11 Home
SSD capacity	1 TB	<b>Battery</b>	
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	65 Wh
Optical drive type *	✗	<b>Power</b>	
<b>Graphics</b>		AC adapter power	200 W
Discrete GPU manufacturer	NVIDIA	<b>Security</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Cable lock slot	✓
Discrete graphics card memory	8 GB	Cable lock slot type	Kensington
		<b>Weight &amp; dimensions</b>	
		Width	359 mm
		Depth	266.4 mm
		Height	27.7 mm
		Weight *	2.3 kg



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