**msi**

# MSI Sword 17 HX B14VFKG-003UK Intel® Core™ i7 i7-14700HX Laptop 43.2 cm (17") 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 17 HX B14VFKG-003UK

**Product name :** Sword 17 HX B14VFKG-003UK

- Windows 11 Home
- Intel Core i7-14700HX (33MB Cache)
- 43.2 cm (17") 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, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Sword 17 HX B14VFKG-003UK Intel® Core™ i7 i7-14700HX Laptop 43.2 cm (17") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

The Sword series received a legendary redesign with a brand new cosmos gray body, while keeping the same sleek profile and strong cooling. Coupled with Intel® Core™ i7 processor 14700HX and GeForce RTX™ 40 Series graphics, the enchanted knight now wields an even stronger weapon. Gear up and outperform your opponent with this magic artifact!

## Design

| | |
|---|---|
| Colour name | Cosmos Gray |
| Product type * | Laptop |
| Product colour * | Grey |
| Form factor * | Clamshell |
| Country of origin | China |

## Display

| | |
|---|---|
| Display diagonal * | 43.2 cm (17") |
| Display resolution * | 2560 x 1600 pixels |
| Touchscreen * | ✘ |
| HD type | Quad HD+ |
| Native aspect ratio | 16:10 |
| Anti-glare screen | ✔ |
| RGB colour space | sRGB |
| Colour gamut | 100% |
| Maximum refresh rate | 240 Hz |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | Intel® Core™ i7 (14th gen) |
| Processor model * | i7-14700HX |
| Processor cores | 20 |
| Processor threads | 28 |
| Processor boost frequency | 5.5 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 |

## Audio

| | |
|---|---|
| Speaker power | 2 W |

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera resolution | 1280 x 720 pixels |
| Front camera HD type | HD |
| Video capturing speed | 30 fps |
| Infrared (IR) camera | ✔ |
| Privacy camera | ✔ |
| 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 * | ✘ |
| WLAN controller model | Intel Wi-Fi 6E AX211 |
| WLAN controller manufacturer | Intel |
| Ethernet LAN | ✔ |
| Ethernet LAN data rates | 2500 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-A ports quantity | 2 |
| 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 |
| Thunderbolt 4 ports quantity | 1 |
| Intel® Thunderbolt 4 | ✔ |
| Combo headphone/mic port | ✔ |

## Processor

| | |
|---|---|
| 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 layout (slots x size) | 2 x 8 GB |
| Memory slots | 2x SO-DIMM |
| Maximum internal memory * | 64 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 * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | SD |

## 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 |
| On-board graphics card model * | Intel® UHD Graphics |

## Audio

| | |
|---|---|
| Audio system | Nahimic 3 |
| Number of built-in speakers | 2 |
| Speakers manufacturer | Nahimic |

## Ports & interfaces

| | |
|---|---|
| Charging port type | DC-in jack |
| USB Type-C DisplayPort Alternate Mode | ✔ |

## Performance

| | |
|---|---|
| Motherboard chipset | Intel HM770 |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✔ |
| Keyboard backlit | ✔ |
| Keyboard backlit colour | RGB |
| Keyboard backlit zone | Per-key RGB |

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Home |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 4 |
| Battery capacity * | 65 Wh |

## Power

| | |
|---|---|
| AC adapter power | 200 W |

## Security

| | |
|---|---|
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |

## Weight & dimensions

| | |
|---|---|
| Width | 382.2 mm |
| Depth | 263 mm |
| Height | 26.9 mm |
| Weight * | 2.6 kg |

## Packaging data

| | |
|---|---|
| Package width | 528 mm |
| Package depth | 90 mm |
| Package height | 329 mm |
| Package weight | 3 kg |
| Package volume | 89100 cm³ |

## Logistics data

| | |
|---|---|
| Commodity Classification Automated Tracking System (CCATS) | 8471300000 |

## Other features

| | |
|---|---|
| Warranty period | 2 year(s) |

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