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# MSI Katana 15 B13VEK-1697FR Intel® Core™ i5 i5-13420H Laptop 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** MSI

**Product family:** Katana

**Article code:** KATANA 15 B13VEK-1697FR

**Product name :** Katana 15 B13VEK-1697FR

MSI Katana 15 B13VEK-1697FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13420H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product color: Black

## Design

| | |
|---|---|
| Product type * | Laptop |
| Product colour * | Black |
| Form factor * | Clamshell |

## Display

| | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 1920 x 1080 pixels |
| Touchscreen * | ✗ |
| HD type | Full HD |
| Native aspect ratio | 16:9 |
| Maximum refresh rate | 144 Hz |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i5 |
| Processor generation | 13th gen Intel® Core™ i5 |
| Processor model * | i5-13420H |
| Processor cores | 8 |
| Processor boost frequency | 4.6 GHz |
| Performance cores | 4 |
| Efficient cores | 4 |
| Performance-core Max Turbo Frequency | 4.6 GHz |
| Efficient-core Max Turbo Frequency | 3.4 GHz |
| Processor cache | 12 MB |
| Processor cache type | Smart Cache |
| Processor base power | 45 W |
| Maximum turbo power | 95 W |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✔ |
| On-board graphics card family | Intel® UHD Graphics |
| On-board graphics card model * | Intel® UHD Graphics |

## Audio

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

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera HD type | HD |
| Video capturing speed | 30 fps |

## 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 | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 |
| Ethernet LAN (RJ-45) ports | 1 |

## Memory

| | |
|---|---|
| Internal memory type | DDR5-SDRAM |
| Memory clock speed | 5200 MHz |
| Memory form factor | SO-DIMM |
| Memory layout (slots x size) | 2 x 8 GB |
| Memory slots | 2x SO-DIMM |
| Maximum internal memory * | 64 GB |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| 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 4050 |
| Discrete graphics card memory | 6 GB |
| Discrete graphics memory type | GDDR6 |
| On-board graphics card * | ✔ |

## Ports & interfaces

| | |
|---|---|
| HDMI ports quantity * | 1 |
| HDMI version | 2.1 |
| Combo headphone/mic port | ✔ |
| USB Type-C DisplayPort Alternate Mode | ✔ |

## Performance

| | |
|---|---|
| Repairability index | 8.1 |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✔ |
| Keyboard backlit | ✔ |
| Keyboard backlit colour | RGB |
| Keyboard backlit zone | 4-zone RGB |

## Software

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

## Battery

| | |
|---|---|
| Number of battery cells | 3 |
| Battery capacity * | 53.5 Wh |

## Power

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

## Weight & dimensions

| | |
|---|---|
| Width | 359 mm |
| Depth | 259 mm |
| Height | 24.9 mm |
| Weight * | 2.25 kg |

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