

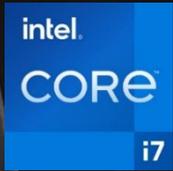
msi

KATANA 17 B13V

KATANA 15 B13V

Pre-Sales kit | NB PM | Nov 2022

**SHARPEN
YOUR GAME**



Up to
30%+

performance increased

30%+ Gen-to-gen
perf. increased



New architecture
Ada Lovelace



Panoramic
Ray Tracing



DLSS 3



Cooler Boost 5

Share Pipe Technology



PCI-E Gen.4
SSD

RAM
DDR5



KATANA 17 B13V
KATANA 15 B13V



DISCRETE
GRAPHICS
MODE



New A-side Design



144Hz



Matrix Display



4-Zone RGB Keyboard



msi

Design

KATANA
SERIES



**SHARPEN
YOUR GAME**

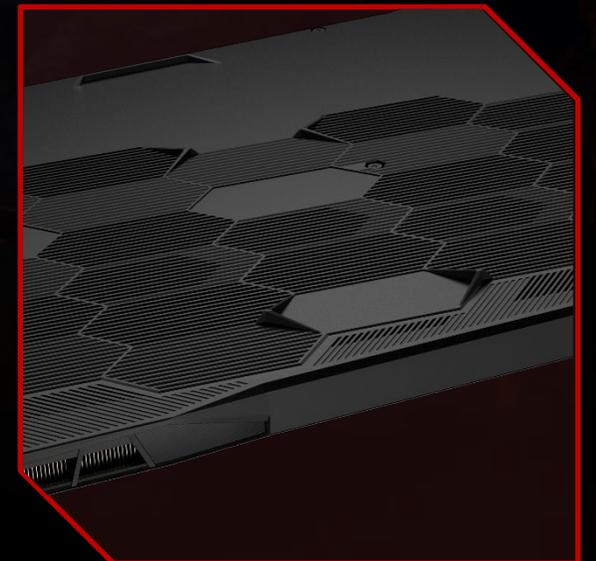
Brand New Design

Katana series is as powerful and sturdy as a blade and optimized to unleash true performance during gameplay. Running at the optimum performance with **a brand new A-side design** and exclusive **4-Zone RGB illumination keyboard**, shine on the battlefield with the brand new Katana series.

KATANA
SERIES



Brand new A-side Design



I/O Ports Design



Brand New Color Box Design



Performance

KATANA
SERIES



**SHARPEN
YOUR GAME**



Performance Evolved

The **13th Gen. Intel Core i7 H-series processor** is here. With improved hybrid core architecture, it's **up to 14 cores** including 8 P-cores and 6 E-cores. The processing power has evolved into the next generation for better multitasking works and running demanding games.



Up to

14

cores

Up to

5.4Ghz*

Max Turbo

Up to

30%

performance increased

*Max Turbo Ghz may depends on processor sku



GEFORCE RTX 40 SERIES LAPTOPS BEYOND FAST

NVIDIA GeForce RTX 40 Series GPUs are beyond fast for gamers and creators. They're powered by the **ultra-efficient NVIDIA Ada Lovelace architecture** which delivers **a quantum leap in both performance and AI-powered graphics**. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming with the lowest latency.



Brand new
Ada Lovelace
architecture



Panoramic
Ray Tracing
Experience



Upgraded
DLSS 3
AI-Accelerated Perf.



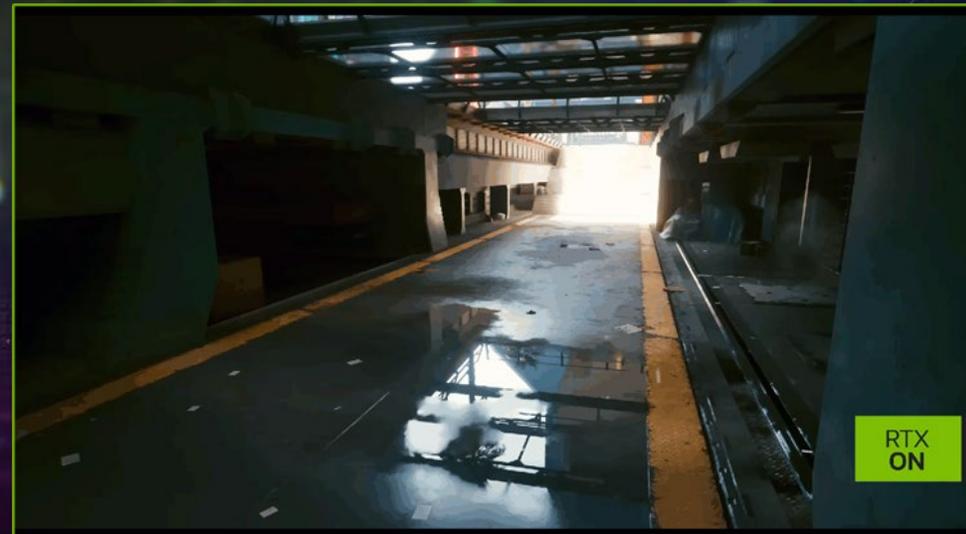
GEFORCE
RTX

Hyperrealistic. Hyperfast. The Panoramic Ray-Tracing



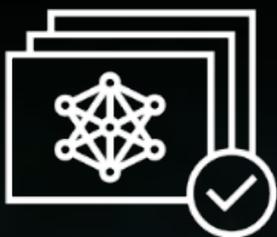
Panoramic
Ray Tracing
Experience

The Ada architecture unleashes the full glory of ray tracing, which simulates how light behaves in the real world. With the power of **RTX 40 Series and third-gen RT Cores**, users can see ray-tracing effect in **game panoramically**, just like a movie.



**GEFORCE
RTX**

The performance multiplier, powered by AI.



Upgraded
DLSS 3
AI-Accelerated Perf.

Powered by GeForce RTX 40 Series GPUs, the next generation DLSS 3 uses AI to create additional high-quality frames and boost up in game FPS performance while opening Ray Tracing. Users may experience great in game visuals with higher FPS for non-stop motions.

**DLSS OFF, RT On****DLSS 2, RT On****DLSS 3, RT On**



DISCRETE
GRAPHICS
MODE

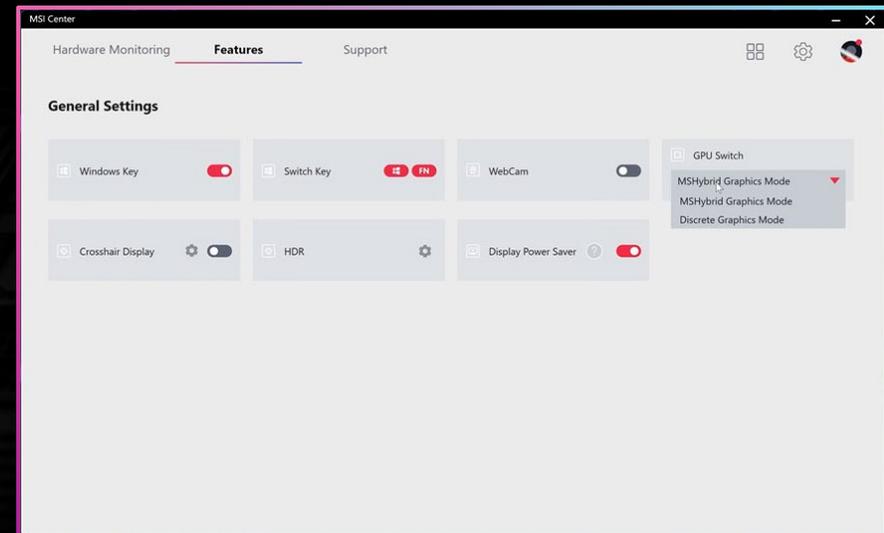
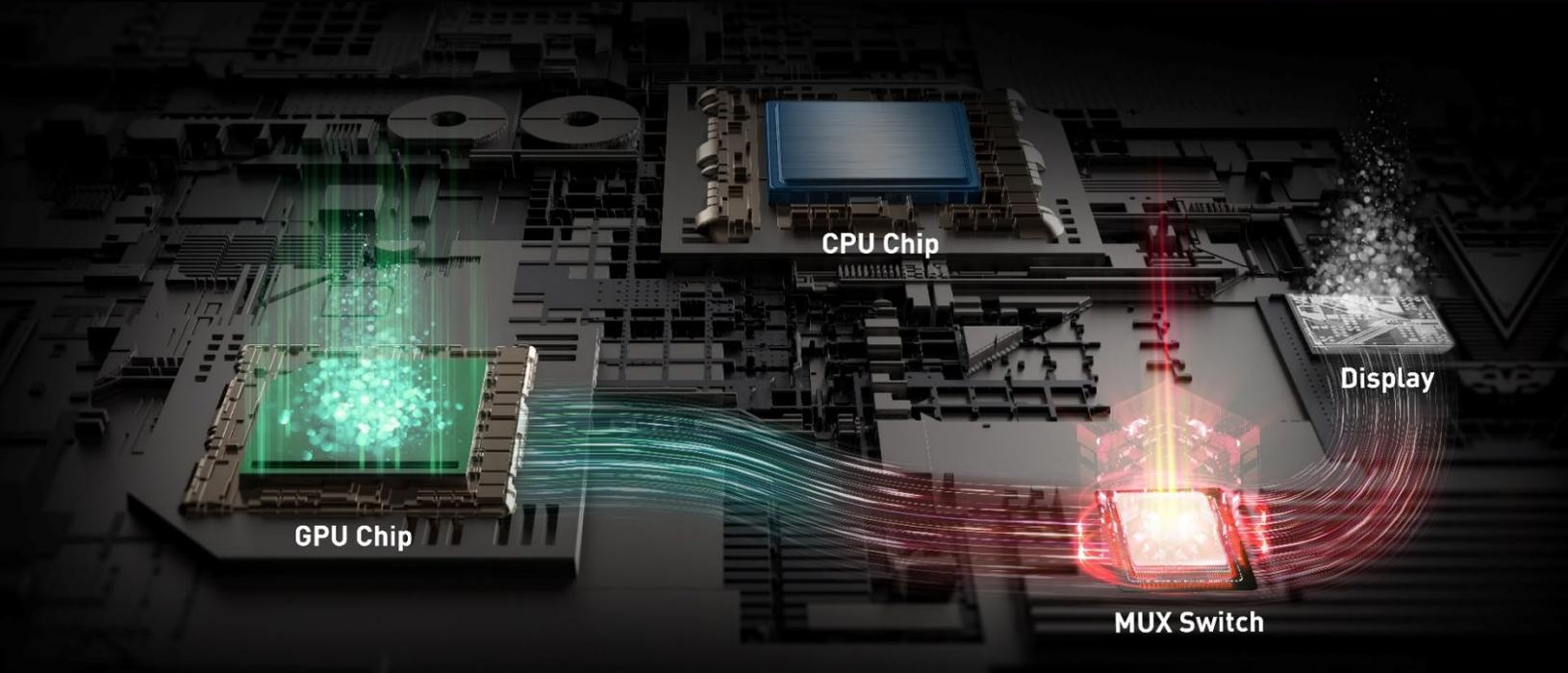
Discrete Graphic Mode (MUX Design)

Get FPS average

10%

performance increased

Katana Series supports **Discrete Graphic Mode** which it includes a **MUX switch** on the Motherboard. This gives users the choice to optimize their laptops to either **prioritize battery life** while doing basic tasks like documentation or web browsing, or **switch to Discrete Graphic Mode** for **pure performance while playing games & perform some GPU-intensive works**.



Switch on Discrete Graphic Mode in MSI Center

Revolutionary Cooling for NEXT-GEN GAMING

New CPU-GPU Share-Pipe design enables real-time heat dissipation balancing between CPU & GPU for improved efficiency and ensuring maximum performance under extreme gaming,



Cooler Boost 5

2 Fans 6 Pipes*

*Design may vary by configuration

**Share Pipe
Technology**

Perfectly boosts perf.*

*under various scenario



Speed Power Transfer

Katana Series supports **PCIe Gen 4 SSD** and **up to DDR5-5200*** with high-speed data transfer, taking your experience to the next level.



**Optional. Actual specification may vary by configurations.*

msi

Visual

KATANA
SERIES



**SHARPEN
YOUR GAME**

Generic

144 Hz



Smooth, Sleek Motions

Capture every moment with the sharp and smooth 144Hz IPS-level display.

**Optional. Actual specification may vary by configurations.*



Matrix Display



Matrix Display 1+2

Experience the next level of gaming and productivity use with 2x display outputs.
(HDMI + USB-C with Display output support)

msi

Audio

KATANA
SERIES



**SHARPEN
YOUR GAME**

Hear the Great Sound with Stunning Speakers

Katana Series

Built-in a pair of 2W speakers, the crisp sound
will never be compromised in such a compact design.

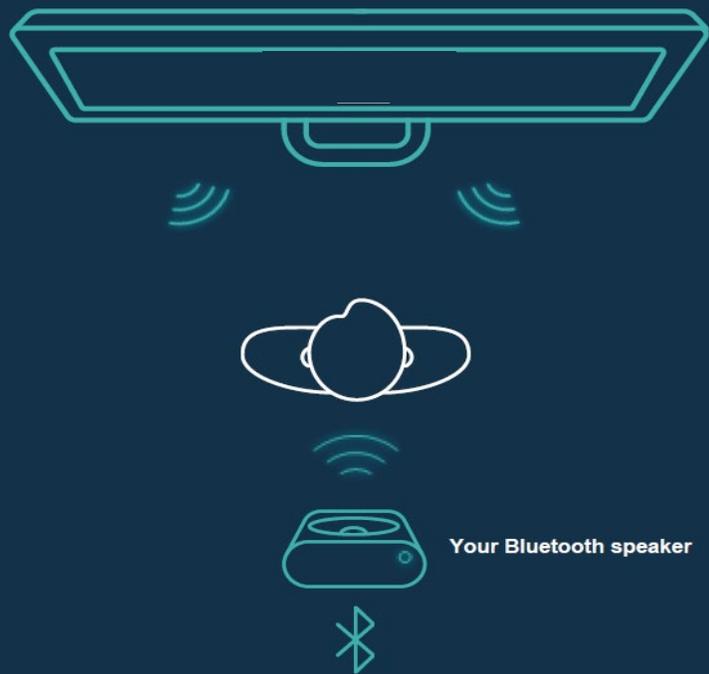




Nahimic EasySurround

Available in CES 2023

Easy Surround creates a **realistic immersive audio experience** with **any Bluetooth speakers** positioned as a rear speaker in combination with your front speaker.



Easy Surround
Activated
EASY SURROUND
Help

Mute

The Easy Surround creates a realistic immersive audio experience with multiple speakers placed around you. It works best with these audio formats: 7.1, 5.1, Dolby Surround, Dolby Atmos...

This is why you should use the Easy Surround specially when you play Games or watch Movies

[Read more](#)

[START CONFIGURATION](#)

Easy surround. Easy Setup.

Just connect the Bluetooth speaker to your PC and let you guide through an onboarding within the app.

Device Settings

Try 40s

FRONT VOLUME

LATENCY

[Configure](#)

INTERNAL SPEAKERS

MSI SPEAKERS

REAR VOLUME

msi

Control

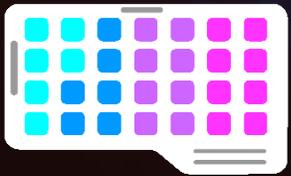
KATANA
SERIES



**SHARPEN
YOUR GAME**

Light Up & Aim

Customize your 4-zone RGB lighting keyboard with Mystic Light from MSI Center to match your unique gaming style.



4-Zone RGB lighting keyboard*

*Optional

1.7 mm

High Gaming-type Key Travel



Highlighted Translucent Key Caps



Number-Pad



X



MYSTIC LIGHT

Enhanced user experience, adding basic and customize light settings for users.

4 Easy to use basic light settings

Customized lighting settings.



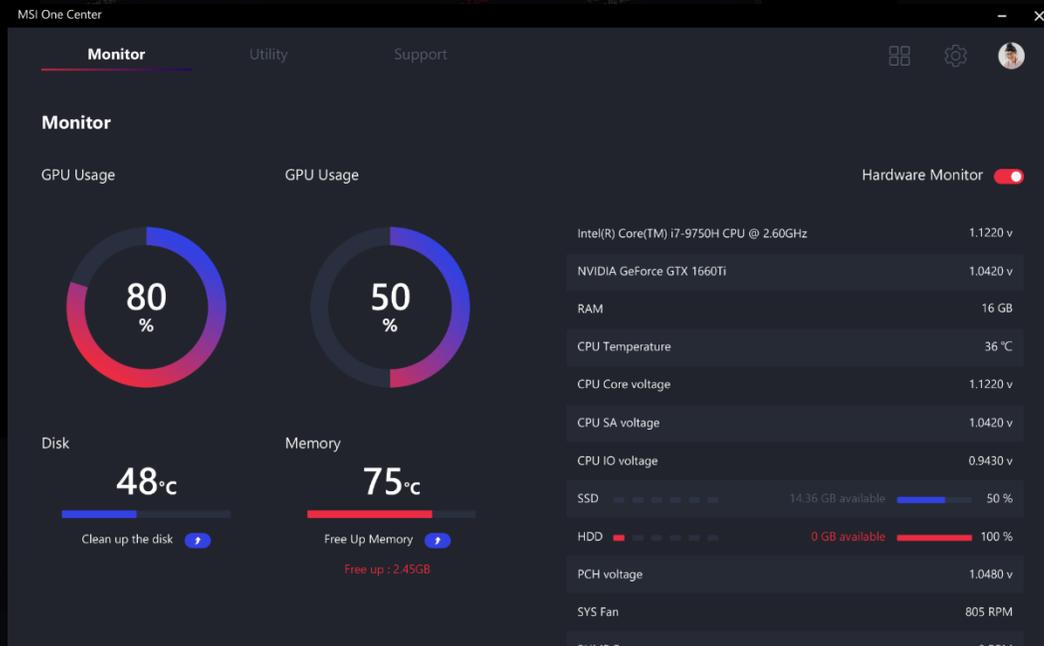
MSI Center

Smarter, Faster, More Personal

POWERED BY
MSI AI ENGINE



reddot winner 2022



New Updates



- Recommended Feature Set
- Consolidated Services + Hardware Diagnosis

General Settings

- Monitor
- User Scenario
- Gaming Mode
- Gaming Highlights

Useful Features

- Smart Auto
- MSI Sound Tune (Noise Cancellation)
- Smart Image Finder

NEW!

Recommended Feature Set

MSI Center

Let's build your own MSI Center!

Please select the usage scenarios that suit you, and we will recommend features based on your choice.

Gaming

Content Creation

Web Browsing

Work

Education

Streaming

Programing

Video Editing

(Home) Theater

Next step

Skip >

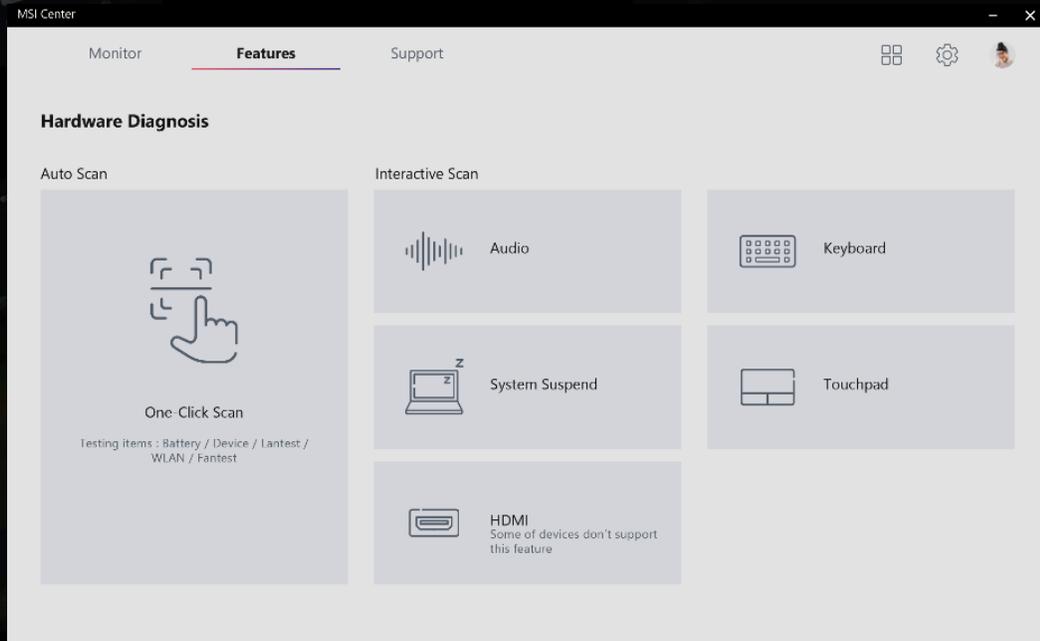
- Gaming Mode
- Game Highlights
- MSI Companion
- Mystic Light
- MSI Sound Tune

- MSI Sound Tune
- Smart Priority
- System Diagnosis
- Hardware Diagnosis
- Performance Analysis

Integrate useful functions from MSI Center Pro

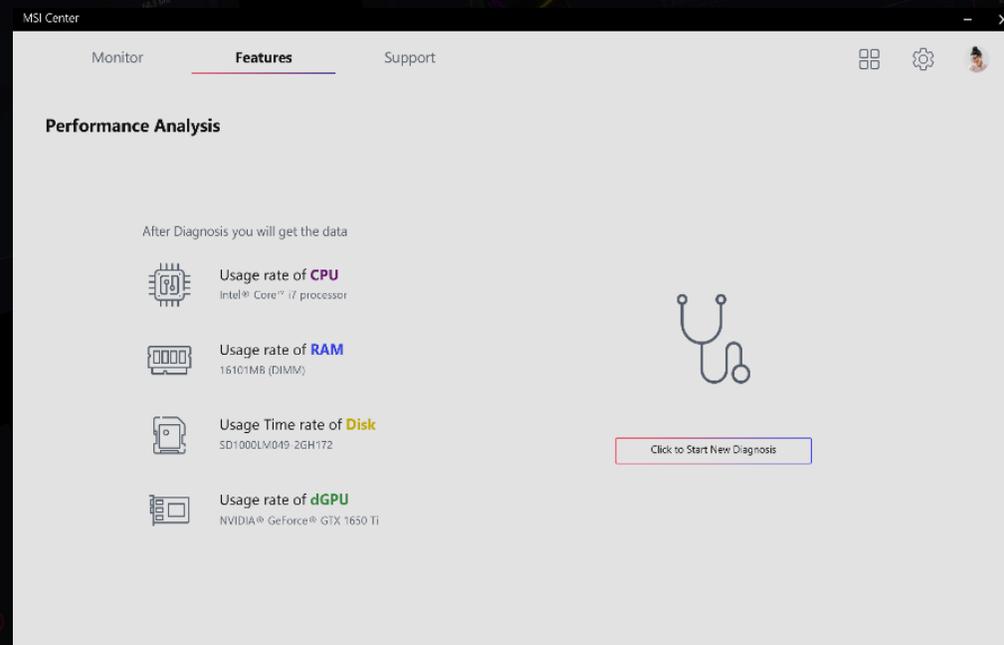
Consolidated Services + Hardware Diagnosis

Hardware Diagnosis



Quick check your Hardware

Performance Analysis



Quick check your Performance Analysis

| Streaming

KATANA
SERIES



SHARPEN
YOUR GAME



FAST SPEED Wi-Fi 6

Non-stop networking to Game Fast

Wi-Fi 6 features 802.11ax standards and **3x faster than Wi-Fi 5**, designed to deliver the lightning fast gameplay, the best streaming, and the most immersive communication experience. Play on the most optimal gaming settings with Intel Wi-Fi 6.

2.4 GBPS

Intel AX201 (2x2 / 160MHz / 802.11ax)

1.73 GBPS

Wireless Wi-Fi 5 (2x2 / 160MHz / 802.11ac Wave2)

867 MBPS

Standard Wi-Fi 5 (2x2 / 80MHz / 802.11ac)



Specification

KATANA
SERIES



**SHARPEN
YOUR GAME**



PERFORMANCE



DISCRETE GRAPHICS MODE

DESIGN

Brand new A-side Design



25.2mm 24.9mm
2.6kg 2.25kg

VISUAL



STREAMING



CONTROL



MYSTIC LIGHT



4-Zone RGB lighting keyboard*



Translucent Backlit



Number-Pad



MSI Center



AUDIO



KATANA
SERIES

Katana

Gen to Gen Improvement

Katana GF76/GF66

Katana 17/15

Design



Memory

DDR4 / DDR5

DDR5

Keyboard

Red Color Backlight

4-Zone RGB Backlight / Blue Single Backlight
w/ Translucent WASD & Arrow Keys

USB-C Function

Type-C USB3.2 Gen1

Type-C USB3.2 Gen1 + DP (display port)

HDMI

Up to 4K@60Hz

Up to 4K@120Hz / 8K@60Hz

KATANA 17 B13V

Processor	Up to 13th Gen. Intel® Core™ i7 Processor Up to 12th Gen. Intel® Core™ i7 Processor	
Display	17.3" FHD 144hz IPS level	
Graphics	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6 NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6 NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6	NVIDIA® GeForce RTX™ 3050 Laptop GPU 6GB GDDR6 NVIDIA® GeForce RTX™ 2050 Laptop GPU 4GB GDDR6
Memory	2 x SO DIMM DDR5-5200* up to 64GB	
Storage	2x M.2 2280 SSD (2x NVMe combo Gen4x4) up to 4TB	
Webcam	HD cam (30fps@720p)	
Communication	Gb LAN, Intel Wi-Fi 6 (802.11ax 2x2) w/ Bluetooth 5.2	
Audio	2x 2W Speaker, Hi-Res Audio Certified, Nahimic	
Keyboard	4 Zone RGB Gaming Keyboard with Number-pad	
I/O port	1x Type-C USB3.2 Gen1 w/DP 1.4, 2x Type-A USB3.2 Gen1, 1x Type-A USB2.0, 1x RJ45, 1 x HDMI 2.1 (8K@60Hz/4K@120Hz), 1x Audio combo jack	
Adapter / Battery	240W 3-Cell, 53.5 Whr	180W 3-Cell, 53.5 Whr
Dimension	398mm (W) x 273mm (D) x 25.2mm (H)	
Weight	2.6kg	



*Please refer to the **Quotation** for the actual shipping specification *Final design and spec subject to change.

KATANA 15 B13V

Processor	Up to 13th Gen. Intel® Core™ i7 Processor Up to 12th Gen. Intel® Core™ i7 Processor	
Display	15.6" FHD 144hz IPS level	
Graphics	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6 NVIDIA® GeForce RTX™ 4060 Laptop GPU 8GB GDDR6 NVIDIA® GeForce RTX™ 4050 Laptop GPU 6GB GDDR6	NVIDIA® GeForce RTX™ 3050 Laptop GPU 6GB GDDR6
Memory	2 x SO DIMM DDR5-5200* up to 64GB	
Storage	2x M.2 2280 SSD (2x NVMe combo Gen4x4) up to 4TB	
Webcam	HD cam (30fps@720p)	
Communication	Gb LAN, Intel Wi-Fi 6 (802.11ax 2x2) w/ Bluetooth 5.2	
Audio	2x 2W Speaker, Hi-Res Audio Certified, Nahimic	
Keyboard	4 Zone RGB Gaming Keyboard with Number-pad	
I/O port	1x Type-C USB3.2 Gen1 w/ DP 1.4, 2x Type-A USB3.2 Gen1, 1x Type-A USB2.0, 1x RJ45, 1 x HDMI 2.1 (8K@60Hz/4K@120Hz), 1x Audio combo jack	
Adapter / Battery	240W 3-Cell, 53.5 Whr	180W 3-Cell, 53.5 Whr
Dimension	359mm (W) x 259mm (D) x 24.9mm (H)	
Weight	2.25kg	



*Please refer to the **Quotation** for the actual shipping specification *Final design and spec subject to change.



msi

Tech meets Aesthetic

