ComX Computers
Product Specification Sheet

MSI Katana A15 AI B8VE-645ZA

MSI Katana A15 AI B8VE Notebook Ryzen 7 7735HS 4.75GHz 16GB 1TB 15.6" FULL HD RTX 4050 6GB BT Win 11 Home

Product Overview

MSI Katana A15 AI B8VE Series MSI Katana A15 AI B8VE-645ZA Black Notebook, AMD Ryzen 7 7735HS Octa Core 3.2Ghz with Turbo Boost up to 4.75Ghz 16MB L3 Cache Processor, 16GB DDR5-5200 SO-Dimm Memory (2x8GB), Supports 64GB Max Mem, 2 Memory slots, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot + M.2 2280 Slot, NO optical drive (No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type IPS, 144Hz LED Backlit Display, nVidia Geforce RTX 4050 with 6GB dedicated graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Backlit Keyboard, Full Size Keyboard with Numpad, 1x Type-C (USB 3.2 Gen1 / DisplayPort), 2x Type-A USB 3.2 Gen1, 1x Type-A USB 2.0, HDMI output, 2.3 kg, Microsoft Windows 11 Home 64 bit, 2 Year Carry in warranty











Specifications

Summary Overview:

The MSI Katana A15 AI B8VE is built for users in South Africa who need strong gaming and multitasking performance in a portable 15.6-inch form factor. Powered by the AMD Ryzen 7 7735HS processor and NVIDIA GeForce RTX 4050 graphics, it handles modern AAA titles, competitive esports, and demanding productivity tasks with ease. The 144Hz Full HD IPS display ensures smooth visuals, while the fast 1TB SSD and 16GB DDR5 memory provide responsive system performance. Ideal for buyers looking to buy now, it delivers a balanced mix of speed, graphics capability, and storage capacity for everyday high-performance computing.

Across the MSI Katana laptop series, user feedback typically highlights strong gaming performance for the price point, efficient cooling under load, and solid 144Hz display responsiveness. It is commonly chosen by gamers, engineering students, and content creators who need reliable GPU acceleration for rendering, editing, and multitasking workloads.

Laptop performance tier: Upper mid-range gaming performance tier

Uses:AAA gaming, esports, video editing, content creation, streaming, software development, multitasking productivity

Overview:

MSI Katana A15 AI B8VE gaming laptop is designed for users who want strong performance for gaming, creative workloads and everyday multitasking. It combines an AMD Ryzen 7 processor with NVIDIA RTX 4050 graphics, delivering a balanced mix of speed and efficiency in a 15.6-inch form factor.

Built around a high refresh rate display and fast DDR5 memory, this laptop is positioned for smooth gameplay and responsive system performance. Storage is handled by a fast NVMe SSD, helping reduce loading times across games and applications.

The design is focused on practical gaming usability, including a full-size keyboard with backlighting, multiple connectivity options, and modern wireless standards for stable online performance.

Features:

Performance and processing

Powered by an AMD Ryzen 7 7735HS octa-core processor, the Katana A15 AI delivers strong multitasking capability and reliable performance for demanding workloads. The processor supports turbo boost speeds up to 4.75GHz, making it suitable for gaming, productivity, and content creation.

Graphics and gaming performance

Equipped with an NVIDIA GeForce RTX 4050 6GB laptop GPU, this notebook supports advanced gaming visuals and AI-enhanced performance features. It is built to handle modern titles at Full HD resolution with stable frame rates, supported by Dynamic Boost technology for improved power delivery when needed.

Display and visuals

The 15.6-inch Full HD IPS display offers a 1920 x 1080 resolution with a 144Hz refresh rate. This ensures smoother motion clarity in fast-paced games and more fluid everyday navigation. The non-gloss panel helps reduce reflections for better visibility in different lighting conditions.

Memory and storage

This model includes 16GB DDR5 memory running at high speed for improved responsiveness. It supports upgrades up to 64GB across two memory slots. Storage is provided by a 1TB NVMe PCIe SSD, with support for dual M.2 slots for future expansion.

Design and connectivity

The MSI Katana A15 AI comes in a black chassis with a full-size keyboard including a numeric keypad and backlighting for low-light use. Connectivity includes USB Type-C with DisplayPort support, multiple USB Type-A ports, HDMI output, RJ45 Ethernet, Wi-Fi 6, and Bluetooth for flexible device pairing and networking.

Battery and software

It runs Windows 11 Home and includes a 3-cell battery designed for portable usage between charging cycles. A HD webcam and dual speakers support video calls and media playback. Xbox Game Pass access is included for a limited period, offering access to a wide range of games.

Specifications:

Item	Katana A15 AI B8VE
CPU	Up to AMD Ryzen 9 8000 HS-Processors with AMD XDNA architecture
OS	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
	Windows 11 Pro
Display	15.6" FHD (1920x1080), 144Hz, IPS-Level
Graphics	NVIDIA GeForce RTX 4050 Laptop GPU 6GB GDDR6 powers advanced AI with 194 AI TOPS
	2355MHzx Up to Boost Clock 105W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
Memory	DDR5-5600
	Max 64GB
	2 Slots
Storage Capability	2x M.2 SSD slot (NVMe PCIe Gen4)
	"Please consult service center for upgrading SSD."
Security	Firmware Trusted Platform Module(fTPM) 2.0
Webcam	HD type (30fps@720p)
Keyboard	4-Zone RGB Gaming Keyboard with Copilot Key
Communication	Gb LAN
	802.11 ax Wi-Fi 6E + Bluetooth v5.3
Audio	2x 2W Speaker
Audio Jack	1x Mic-in/Headphone-out Combo Jack

I/O ports	1x RJ45
	1x Type-C (USB3.2 Gen1 / DisplayPort)
	2x Type-A USB3.2 Gen1
	1x Type-A USB2.0
	1x HDMI 2.1 (8K @ 60Hz / 4K @ 120Hz)
Battery	3-Cell
	53.5 Battery (Whr)
Adapter	200W adapter
Dimension (WxDxH)	359 x 259 x 24.9 mm
Weight (w/ Battery)	2.25 kg
Color	Black
Xbox Game Pass	2 Month Xbox Game Pass Essential included.
	*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://comx-computers.co.za/Buy-Notebooks-Laptops-MSI-Katana-A15-AI-B8VE-645ZA-lp-337974.php

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