



MSI Katana GF76 12UGSZOK i7-12650H Notebook 43.9 cm (17.3") Full HD Intel® Core™ i7 16 GB DDR5-SDRAM 1000 GB SSD NVIDIA GeForce RTX 3070 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Black



Brand : MSI

Product code: KATANA GF76 12UGSZOK-642UK

Product name : Katana GF76 12UGSZOK

- Latest 12th Gen. Intel® Core™ i7 processor
 - Windows 11 Home / Windows 11 Pro
 - (MSI recommends Windows 11 Pro for business.)
 - Up to latest GeForce RTX™ 3070 Ti Laptop GPU 8GB GDDR6
 - 17.3" Full HD (1920x1080), 144 Hz Refresh Rate, IPS-Level panel (Optional)
 - Thin bezel design
 - Exclusive Cooler Boost 5 Technology
 - MSI Center with exclusive gaming mode
 - MSI App Player for seamless gaming experience between mobile and PC
 - High-Resolution Audio ready
- 17.3" FHD (1920x1080), 144Hz, IPS-Level, NVIDIA GeForce RTX 3070 Ti, 802.11 ax Wi-Fi 6 + Bluetooth v5.2, 398 x 273 x 28.2 mm

Design		Graphics	
Product type *	Notebook	On-board graphics card family	Intel® UHD Graphics
Product colour *	Black	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Discrete graphics card memory	8 GB
Market positioning	Gaming	Discrete graphics memory type	GDDR6
Display		Audio	
Display diagonal *	43.9 cm (17.3")	Number of built-in speakers	2
Display resolution *	1920 x 1080 pixels	Speaker power	4 W
Touchscreen *	✗	Camera	
HD type	Full HD	Front camera	✓
Panel type	IPS	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:9		802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Maximum refresh rate	144 Hz	Wi-Fi standards	
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Bluetooth	✓
Processor generation	12th gen Intel® Core™ i7	Bluetooth version	5.2
Processor model *	i7-12650H	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 2.0 ports quantity *	1
Performance-core boost frequency	4.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Efficient-core boost frequency	3.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Processor cores	10	Ethernet LAN (RJ-45) ports	1
Processor cache	25 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	45 W	Headphone outputs	1
Maximum turbo power	115 W	Microphone in	✓
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	4800 MHz	Numeric keypad *	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		

Storage		Keyboard	
Total storage capacity *	1000 GB	Keyboard backlit	✓
Storage media *	SSD	Keyboard backlit colour	RGB
Total SSDs capacity	1000 GB	Island-style keyboard	✓
Number of SSDs installed	1	Software	
SSD capacity	1000 GB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Battery	
NVMe	✓	Number of battery cells	3
SSD form factor	M.2	Battery capacity *	53.5 Wh
Optical drive type *	✗	Power	
Graphics		AC adapter power	240 W
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 3070 Ti	Width	398 mm
On-board graphics card *	✓	Depth	273 mm
Discrete graphics card *	✓	Height	28.2 mm
		Weight *	2.6 kg

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