



# MSI Katana 17 B12UDXK-844UK Intel® Core™ i7 i7-12650H Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Katana

Product code: KATANA 17  
B12UDXK-844UK

Product name : Katana 17  
B12UDXK-844UK



- Windows 11 Home  
- Intel Core i7-12650H (24MB Cache)  
- 43.9 cm (17.3") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (6GB GDDR6)  
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD  
Intel Core i7-12650H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home  
MSI Katana 17 B12UDXK-844UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H. Display diagonal: 43.9 cm (17.3"), 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 3050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Video capturing speed	30 fps
Display		Network	
Display diagonal *	43.9 cm (17.3")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Ethernet LAN	✓
Maximum refresh rate	144 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	12th gen Intel® Core™ i7	USB 2.0 ports quantity *	1
Processor model *	i7-12650H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor boost frequency	4.7 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	HDMI ports quantity *	1
Efficient cores	4	HDMI version	2.1
Performance-core Max Turbo Frequency	4.7 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Configurable TDP-down	35 W	Numeric keypad *	✓
Processor base power	45 W	Keyboard backlit	✓
Maximum turbo power	115 W	Keyboard backlit colour	RGB
Memory			
Internal memory *	16 GB		

<b>Memory</b>		<b>Keyboard</b>	
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	4-zone RGB
Memory clock speed	4800 MHz	<b>Software</b>	
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB	<b>Processor special features</b>	
<b>Storage</b>		Intel Flex Memory Access	✓
Total storage capacity *	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	Execute Disable Bit	✓
Total SSDs capacity	512 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express 4.0	Intel Virtualization Technology (VT-x)	✓
NVMe	✓	<b>Battery</b>	
Optical drive type *	✗	Number of battery cells	3
<b>Graphics</b>		Battery capacity *	53.5 Wh
Discrete GPU manufacturer	NVIDIA	<b>Power</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 3050	AC adapter power	180 W
Discrete graphics card memory	6 GB	<b>Weight &amp; dimensions</b>	
Discrete graphics memory type	GDDR6	Width	398 mm
On-board graphics card *	✓	Depth	273 mm
On-board GPU manufacturer	Intel	Height	25.2 mm
Discrete graphics card *	✓	Weight *	2.6 kg
On-board graphics card family	Intel® UHD Graphics	<b>Packaging data</b>	
On-board graphics card model *	Intel® UHD Graphics	Package width	528 mm
<b>Audio</b>		Package depth	90 mm
Number of built-in speakers	2	Package height	329 mm
Speaker power	2 W	<b>Logistics data</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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