



# MSI Katana 17 B12UCXK-025UK Intel® Core™ i7 i7-12650H Laptop 43.9 cm (17.3") Full HD 8 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6 (802.11ax) Windows 11 Home Black



**Brand :** MSI

**Product family:** Katana

**Product code:** KATANA 17  
B12UCXK-025UK

**Product name :** 17  
B12UCXK-025UK

- Windows 11 Home
  - Intel Core i7-12650H (24MB Cache)
  - 43.9 cm (17.3") Full HD 1920 x 1080, NVIDIA GeForce RTX 2050 (4GB GDDR6)
  - 8GB (4800MHz) DDR5-SDRAM & 1000GB SSD
- Intel Core i7-12650H (24MB Cache), 8GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 2050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Katana 17 B12UCXK-025UK. 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: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 2050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Network	
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6 AX201
Display diagonal *	43.9 cm (17.3")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD	Bluetooth	✓
Native aspect ratio	16:9	Bluetooth version	5.2
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 2.0 ports quantity *	1
Maximum refresh rate	144 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	HDMI ports quantity *	1
Processor generation	12th gen Intel® Core™ i7	HDMI version	2.1
Processor model *	i7-12650H	Combo headphone/mic port	✓
Processor cores	10	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.7 GHz	Performance	
Processor cache	24 MB	Motherboard chipset	Intel SoC
Configurable TDP-down	35 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	8 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	4800 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	4-zone RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Storage		Processor special features	
Total storage capacity *	1 TB	Intel Flex Memory Access	✓
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		

<b>Storage</b>		<b>Processor special features</b>	
SSD capacity	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD interface	PCI Express 4.0	Execute Disable Bit	✓
NVMe	✓	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
<b>Graphics</b>		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete GPU manufacturer	NVIDIA	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 2050	<b>Battery</b>	
Discrete graphics card memory	4 GB	Battery technology	Lithium Polymer (LiPo)
Discrete graphics memory type	GDDR6	Number of battery cells	3
On-board graphics card *	✓	Battery capacity *	53.5 Wh
On-board GPU manufacturer	Intel	<b>Power</b>	
Discrete graphics card *	✓	AC adapter power	180 W
On-board graphics card family	Intel® UHD Graphics	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel® UHD Graphics	Width	398 mm
<b>Audio</b>		Depth	273 mm
Number of built-in speakers	2	Height	25.2 mm
Speaker power	2 W	Weight *	2.6 kg
<b>Camera</b>		<b>Packaging data</b>	
Front camera	✓	Package width	528 mm
Front camera HD type	HD	Package depth	90 mm
Video capturing speed	30 fps	Package height	329 mm
<b>Network</b>		Package weight	0.5 g
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package volume	14976 cm <sup>3</sup>



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