



MSI Gaming GF76 12UE-006CA Katana Intel® Core™ i7 i7-12700H Laptop 43.9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Gaming

Product code: GF76
12UE-006CA

Product name : GF76
12UE-006CA Katana

- Windows 11 Home
- Intel Core i7-12700H (24MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080
- 16GB (3200MHz) DDR4-SDRAM & 1000GB SSD

Intel Core i7-12700H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Home

MSI Gaming GF76 12UE-006CA Katana. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3060. 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	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	144 Hz	Bluetooth	✓
Processor		Bluetooth version	5.2
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 2.0 ports quantity *	1
Processor generation	12th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	i7-12700H	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cores	14	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.7 GHz	HDMI ports quantity *	1
Processor cache	24 MB	Combo headphone/mic port	✓
Configurable TDP-down	35 W	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	DDR4-SDRAM	Keyboard backlit	✓
Memory clock speed	3200 MHz	Keyboard backlit colour	Red
Memory form factor	SO-DIMM	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB		

Storage		Processor special features	
Total storage capacity *	1 TB	Intel Flex Memory Access	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Total SSDs capacity	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Execute Disable Bit	✓
SSD capacity	1 TB	CPU configuration (max)	1
SSD interface	NVMe, PCI Express	Embedded options available	✗
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Battery	
Discrete graphics card model *	NVIDIA GeForce RTX 3060	Number of battery cells	3
Discrete graphics card memory	6 GB	Battery capacity *	53.5 Wh
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓	Power	
Discrete graphics card *	✓	AC adapter power	240 W
On-board graphics card model *	Intel Iris Xe Graphics		
Audio		Weight & dimensions	
Number of built-in speakers	2	Width	398 mm
Speaker power	2 W	Depth	273 mm
		Height	25.2 mm
		Weight *	2.6 kg



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