



# MSI Modern 14 C12M-638UK Intel® Core™ i5 i5-1235U Laptop 35.6 cm (14") Full HD 8 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Silver

**Brand :** MSI

**Product family:** Modern

**Product code:** MODERN 14 C12M-638UK

**Product name :** Modern 14 C12M-638UK



- Windows 11
- Intel Core i5-1235U (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080 IPS
- 8GB (3200MHz) DDR4-SDRAM & 512GB SSD

Intel Core i5-1235U (12MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11

MSI Modern 14 C12M-638UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1235U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Silver. Weight: 1.4 kg



Design		Audio	
Colour name	Urban Silver	Speaker power	2 W
Product type *	Laptop	Camera	
Product colour *	Silver	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Original brand name	MSI	Front camera HD type	HD
Display		Video capturing speed	30 fps
Display diagonal *	35.6 cm (14")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
Native aspect ratio	16:9	WLAN controller model	Intel Wi-Fi 6 AX201
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display diagonal (metric)	35.6 cm	Ethernet LAN	✗
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%	Bluetooth version	5.2
Maximum refresh rate	60 Hz	Ports & interfaces	
Processor		USB 2.0 ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	12th gen Intel® Core™ i5	HDMI ports quantity *	1
Processor model *	i5-1235U	Combo headphone/mic port	✓
Processor cores	10	Charging port type	DC-in jack
Processor boost frequency	4.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	4.4 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Efficient-core Max Turbo Frequency	3.3 GHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	12 W	Keyboard backlit colour	White
Processor base power	15 W	<b>Software</b>	
Maximum turbo power	55 W	Operating system architecture	64-bit
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	8 GB	<b>Processor special features</b>	
Internal memory type	DDR4-SDRAM	Intel Flex Memory Access	✓
Memory clock speed	3200 MHz	Intel Trusted Execution Technology	✓
Memory form factor	On-board	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
<b>Storage</b>		CPU configuration (max)	1
Total storage capacity *	512 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	512 GB	<b>Battery</b>	
SSD interface	PCI Express 4.0	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	3
Optical drive type *	✗	Battery capacity *	39.3 Wh
Card reader integrated	✓	<b>Power</b>	
Compatible memory cards	MicroSD (TransFlash)	AC adapter power	65 W
<b>Graphics</b>		<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	Not available	Width	319.9 mm
On-board graphics card *	✓	Depth	223 mm
On-board GPU manufacturer	Intel	Height	19.4 mm
Discrete graphics card *	✗	Weight *	1.4 kg
On-board graphics card family	Intel Iris Xe Graphics	<b>Packaging data</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Package width	493 mm
On-board graphics card 4K support	✓	Package depth	86 mm
On-board graphics card 6K support	✓	Package height	306 mm
Graphics card Open GL support	✓	Package weight	1.9 kg
<b>Audio</b>		<b>Logistics data</b>	
Number of built-in speakers	2	Commodity Classification Automated Tracking System (CCATS)	8471300000



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