



**MSI Modern 15 H AI C1MG-002UK Intel Core Ultra 7 155H Laptop
39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E
(802.11ax) Windows 11 Home Black**

Brand : MSI

Product family: Modern

Product code: MODERN 15 H
AI C1MG-002UK

Product name : Modern 15 H
AI C1MG-002UK

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 16GB DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home
MSI Modern 15 H AI C1MG-002UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 39.6 cm (15.6"), 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 Arc Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.9 kg



Design		Storage	
Colour name	Classic Black	Card reader integrated	✓
Product type *	Laptop	Compatible memory cards	MicroSD (TransFlash)
Product colour *	Black	Graphics	
Form factor *	Clamshell	Discrete graphics card model *	Not available
Original brand name	MSI	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	39.6 cm (15.6")	Discrete graphics card *	✗
Display resolution *	1920 x 1080 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✗	On-board graphics card model *	Intel Arc Graphics
HD type	Full HD	Audio	
Native aspect ratio	16:9	Audio system	Nahimic 3
Anti-glare screen	✓	Number of built-in speakers	2
Maximum refresh rate	60 Hz	Speaker power	2 W
Processor		Camera	
Processor manufacturer *	Intel	Front camera	✓
Processor family *	Intel Core Ultra 7	Front camera resolution	1280 x 720 pixels
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera HD type	HD
Processor model *	155H	Video capturing speed	30 fps
Processor cores	16	Privacy camera	✓
Processor threads	22	Privacy type	Privacy shutter
Processor boost frequency	4.8 GHz	Network	
Performance cores	6	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient cores	8	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Low Power Efficient-cores	2	Mobile network connection *	✗
Performance-core Max Turbo Frequency	4.8 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient-core Max Turbo Frequency	3.8 GHz	WLAN controller manufacturer	Intel

Processor		Network	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth	✓
Performance-core base frequency	1.4 GHz	Bluetooth version	5.3
Efficient-core base frequency	0.9 GHz	Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cache	24 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	28 W	HDMI version	2.1
Maximum turbo power	115 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Maximum frequency NPU	1.4 GHz	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI datatype support on NPU	FP16, FP32, Int8	Keyboard backlit colour	White
AI software frameworks supported by NPU	DirectML, ONNX RT, Windows ML	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Bundled software	Battery Master, MSI Center, Smart Auto
Internal memory type	DDR5-SDRAM	Battery	
Memory layout (slots x size)	2 x 8 GB	Number of battery cells	3
Memory slots	2x SO-DIMM	Battery capacity *	39.3 Wh
Maximum internal memory *	64 GB	Power	
Storage		AC adapter power	90 W
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Weight & dimensions	
SSD capacity	512 GB	Width	359 mm
SSD interface	PCI Express 4.0	Depth	241 mm
NVMe	✓	Height	19.9 mm
Optical drive type *	✗	Weight *	1.9 kg
		Packaging content	
		AC adapter included *	✓

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