



MSI Modern 15 H AI C1MG-029CA Intel Core Ultra 7 155H Laptop 39.6 cm (15.6") Full HD 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Modern

Product code: MODERN 15 H
AI C1MG-029CA

Product name : Modern 15 H
AI C1MG-029CA

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080
- 32GB DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 32GB DDR5-SDRAM, 1000GB 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-029CA. 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: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, 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
Display		On-board graphics card *	✓
Display diagonal *	39.6 cm (15.6")	On-board GPU manufacturer	Intel
Display resolution *	1920 x 1080 pixels	Discrete graphics card *	✗
Touchscreen *	✗	On-board graphics card family	Intel Arc Graphics
HD type	Full HD	On-board graphics card model *	Intel Arc Graphics
Native aspect ratio	16:9	Audio	
Anti-glare screen	✓	Audio system	Nahimic 3
Processor		Number of built-in speakers	2
Processor manufacturer *	Intel	Speakers manufacturer	Nahimic
Processor family *	Intel Core Ultra 7	Speaker power	2 W
Processor generation	Intel® Core™ Ultra (Series 1)	Camera	
Processor model *	155H	Front camera	✓
Processor cores	16	Front camera resolution	1280 x 720 pixels
Processor threads	22	Front camera HD type	HD
Processor boost frequency	4.8 GHz	Video capturing speed	30 fps
Performance cores	6	Privacy camera	✓
Efficient cores	8	Privacy type	Privacy shutter
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	3.8 GHz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Mobile network connection *	✗
Performance-core base frequency	1.4 GHz	WLAN controller model	Intel Wi-Fi 6E AX211

Processor		Network	
Efficient-core base frequency	0.9 GHz	WLAN controller manufacturer	Intel
Low Power Efficient-core Base Frequency	700 MHz	Bluetooth	✓
Processor cache	24 MB	Bluetooth version	5.3
Processor cache type	Smart Cache	Ports & interfaces	
Processor base power	28 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Maximum turbo power	115 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Neural processor unit (NPU)		HDMI ports quantity *	1
Neural processor unit (NPU)	Intel AI Boost	HDMI version	2.1
Maximum frequency NPU	1.4 GHz	Combo headphone/mic port	✓
Sparsity support	✓	USB Type-C DisplayPort Alternate Mode	✓
Windows Studio effects support	✓	Keyboard	
AI datatype support on NPU	FP16, FP32, Int8	Pointing device	Touchpad
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	32 GB	Keyboard backlit colour	White
Internal memory type	DDR5-SDRAM	Software	
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Bundled software	Battery Master, MSI Center, Smart Auto
Maximum internal memory *	64 GB	Battery	
Storage		Number of battery cells	3
Total storage capacity *	1 TB	Battery capacity *	39.3 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	90 W
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Weight & dimensions	
Optical drive type *	✗	Width	359 mm
		Depth	241 mm
		Height	19.9 mm
		Weight *	1.9 kg

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