



## MSI Prestige 16 AI Evo B1MG-006CA Intel Core Ultra 7 155H Laptop 40.6 cm (16") Quad HD+ 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey

**Brand :** MSI

**Product code:** PRESTIGE 16 AI EVO  
B1MG-006CA

**Product name :** Prestige 16 AI Evo B1MG-006CA



- Windows 11 Home  
- Intel Core Ultra 7 155H (24MB Cache)  
- 40.6 cm (16") Quad HD+ 2560 x 1600  
- 16GB (6400MHz) LPDDR5-SDRAM & 1000GB SSD  
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home  
MSI Prestige 16 AI Evo B1MG-006CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-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: Grey. Weight: 1.5 kg

Design		Storage	
Colour name	Stellar Gray	SSD interface	PCI Express 4.0
Product type *	Laptop	NVMe	✓
Product colour *	Grey	Optical drive type *	✗
Form factor *	Clamshell	Card reader integrated	✓
Display		Compatible memory cards	SD
Display diagonal *	40.6 cm (16")	Graphics	
Display resolution *	2560 x 1600 pixels	Discrete graphics card model *	Not available
Touchscreen *	✗	On-board graphics card *	✓
HD type	Quad HD+	On-board GPU manufacturer	Intel
Native aspect ratio	16:10	Discrete graphics card *	✗
Anti-glare screen	✓	On-board graphics card family	Intel Arc Graphics
Display brightness	400 cd/m²	On-board graphics card model *	Intel Arc Graphics
RGB colour space	DCI-P3	Audio	
Colour gamut	100%	Audio system	Nahimic 3
Maximum refresh rate	60 Hz	Number of built-in speakers	2
Processor		Speakers manufacturer	Nahimic
Processor manufacturer *	Intel	Speaker power	2 W
Processor family *	Intel Core Ultra 7	Camera	
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera	✓
Processor model *	155H	Front camera resolution	1920 x 1080 pixels
Processor cores	16	Front camera HD type	Full HD
Processor threads	22	Network	
Processor boost frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Performance cores	6	Wi-Fi standards	Wi-Fi 7 (802.11be)
Efficient cores	8	Mobile network connection *	✗
Low Power Efficient-cores	2	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz		

Processor		Network	
Efficient-core Max Turbo Frequency	3.8 GHz	Bluetooth version	5.4
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ports & interfaces	
Performance-core base frequency	1.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Efficient-core base frequency	0.9 GHz	HDMI ports quantity *	2
Low Power Efficient-core Base Frequency	700 MHz	HDMI version	2.1
Processor cache	24 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	28 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	Performance	
Neural processor unit (NPU)		Motherboard chipset	Intel SoC
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, OpenVINO, Windows ML	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Processor special features	
Internal memory type	LPDDR5-SDRAM	Intel® Evo™ Platform Verified	✓
Memory clock speed	6400 MHz	Battery	
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	16 GB	Battery capacity *	99.9 Wh
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	100 W
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	1 TB	Weight & dimensions	
		Width	358.4 mm
		Depth	254.4 mm
		Height (front)	1.69 cm
		Height (rear)	1.9 cm
		Weight *	1.5 kg

## Catalog Object Cloud



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