MSI Venture 14 AI A1MG-008NL Intel Core Ultra 7 155H Laptop 35.6 cm (14") 2.8K 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : MSI

Product code: VENTURE 14 AI A1MG-008NL

Product name : Venture 14 AI A1MG-008NL

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- 35.6 cm (14") 2K Ultra HD 2048 x 1280 OLED
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 35.6 cm (14") 2.8K 2880 x 1800 OLED, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home

MSI Venture 14 AI A1MG-008NL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 35.6 cm (14"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels. Internal memory: 16 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: Grey. Weight: 1.7 kg

Design	
Colour name	Solid Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Housing material	Metal, Plastic
Original brand name	MSI

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	2880 x 1800 pixels
Touchscreen *	✗
HD type	2.8K
Panel type	OLED
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	400 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	120 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor threads	22
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8

Storage	
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
Optical drive type *	✗

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Audio	
Audio system	Nahimic 3
Number of built-in speakers	2
Speaker power	2 W

Camera	
Front camera	✓
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Mobile network connection *	✗

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Processor	
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB

Network	
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.0

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	White

Software	
Operating system installed *	Windows 11 Home
Bundled software	Battery Master, DTS Audio Processing, MSI AI Engine, MSI Enterprise Support Tool (EST) > optional, AI Noise Cancellation Pro, Microsoft Effect Pack (MEP), MSI Center S

Battery	
Number of battery cells	4
Battery capacity *	75 Wh

Power	
AC adapter power	90 W
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Weight & dimensions	
Width	315.6 mm
Depth	235.5 mm
Height	19.3 mm
Weight *	1.7 kg

Packaging content	
AC adapter included *	✔

Other features	
Warranty period	3 year(s)

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