



MSI Prestige A3MG-020 Copilot+ PC Intel Core Ultra 9 386H Laptop 33.8 cm (13.3") 2.8K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey



Brand : MSI

Product family: Prestige

Product code: PRESTIGE 13 AI+ A3MG-020

Product name : A3MG-020

MSI Prestige A3MG-020. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 386H. Display diagonal: 33.8 cm (13.3"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 899 g

Design		Graphics	
Colour name	Platinum Gray	On-board graphics card 8K support	✓
Product type *	Laptop	Graphics card Open GL support	✓
Product colour *	Grey	Ray tracing acceleration	✓
Form factor *	Clamshell		
Housing material	Magnesium, Aluminium		
Introduction year	2026		
Country of origin	China		
Display		Audio	
Display diagonal *	33.8 cm (13.3")	Audio system	DTS Audio Processing
Display resolution *	2880 x 1800 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	2.8K	Built-in microphone	✓
Panel type	OLED	Number of microphones	3
Native aspect ratio	16:10	Noise-canceling	✓
Anti-glare screen	✓		
Display diagonal (metric)	33.8 cm		
RGB colour space	DCI-P3		
Colour gamut	100%		
Low Blue Light technology	✓		
Display response rise/fall	60 ms		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR True Black 600		
Processor		Camera	
Processor manufacturer *	Intel	Front camera	✓
Processor family *	Intel Core Ultra 9	Front camera HD type	Full HD
Processor generation	Intel® Core™ Ultra (Series 3)	Video capturing speed	30 fps
Processor model *	386H	Infrared (IR) camera	✓
Processor cores	16	Privacy camera	✓
Processor threads	16	Privacy type	Privacy shutter
Processor boost frequency	4.9 GHz		
Performance cores	4		
Efficient cores	8		
Low Power Efficient-cores	4		
		Network	
		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
		Wi-Fi standards	Wi-Fi 7 (802.11be)
		Mobile network connection *	✗
		WLAN controller model	Killer Wi-Fi 7 BE1775
		WLAN controller manufacturer	Intel
		Bluetooth	✓
		Bluetooth version	6.0
		Ports & interfaces	
		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
		Thunderbolt technology	✓
		HDMI ports quantity *	1
		HDMI version	2.1
		DisplayPort version	2.1
		Mini DisplayPort/Thunderbolt combo port	✓

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.9 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	3.7 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.1 GHz	Performance	
Efficient-core base frequency	1.6 GHz	Ambient light sensor	✓
Low Power Efficient-core Base Frequency	1.6 MHz	Proximity sensor	✓
Processor cache	18 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	25 W	Numeric keypad *	✗
Maximum turbo power	80 W	Keyboard backlit	✓
Neural processor unit (NPU)		Keyboard backlit colour	White
Copilot+ PC	✓	Keyboard number of keys	83
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	Battery	
Memory		Battery technology	Lithium Polymer (LiPo)
Internal memory *	32 GB	Number of battery cells	3
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	53.8 Wh
Memory form factor	On-board	Power	
Maximum internal memory *	32 GB	AC adapter power	65 W
Memory channels	Dodeca-channel	AC adapter input voltage	90 - 264 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	1 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2280 (22 x 80 mm)	Sustainability	
Optical drive type *	✗	Sustainability certificates	ENERGY STAR, EPEAT Gold
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	MicroSD (TransFlash)	Width	299 mm
Graphics		Depth	210 mm
Discrete graphics card model *	Not available	Height	15.9 mm
On-board graphics card *	✓	Weight *	899 g
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✗	Package width	438 mm
On-board graphics card family	Intel® Graphics	Package depth	85 mm
On-board graphics card model *	Intel® Graphics	Package height	306 mm
		Packaging content	
		AC adapter included *	✓
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		USB Power Delivery revision	3.0
		USB Power Delivery up to	100 W
		Warranty period	2 year(s)



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