## MSI COMMERCIAL 14 H A13MG-002US laptop Intel® Core™ i5 i5-13420H 35.6 cm (14") Full HD+ 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : MSI Product code: COMMERCIAL 14 H

A13MG-002US

Product name: COMMERCIAL 14 H A13MG-002US

- Windows 11 Pro
- Intel Core i5-13420H (12MB Cache)
- 35.6 cm (14") Full HD+ 1920 x 1200
- 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 512GB SSD

Intel Core i5-13420H (12MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200, Intel UHD Graphics, WLAN, Webcam, Windows 11 Pro

MSI COMMERCIAL 14 H A13MG-002US. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13420H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.6 kg





Design		Audio	
Colour name	Solid Gray	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	<b>√</b>
Display		Front camera resolution	1280 x 720 pixels
Display diagonal *	35.6 cm (14")	Front camera HD type	HD
Display resolution *	1920 x 1200 pixels	Video capturing speed	30 fps
Touchscreen *	×	Privacy camera	<b>/</b>
HD type	Full HD+	Privacy type	Privacy shutter
Native aspect ratio	16:10	Network	
Maximum refresh rate	60 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	×
Processor family *	Intel® Core™ i5	Antenna type	2x2
Processor generation	13th gen Intel® Core™ i5	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	i5-13420H	WLAN controller manufacturer	Intel
Processor cores	8	Bluetooth	<b>✓</b>
Processor boost frequency	4.6 GHz	Bluetooth version	5.3
Performance cores	4	Ports & interfaces	
Efficient cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	
Performance-core Max Turbo Frequency	4.6 GHz	ports quantity *	3
Efficient-core Max Turbo Frequency	3.4 GHz	HDMI ports quantity *	1
Processor cache	12 MB	HDMI version	2.1
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	1
Processor base power	45 W	Intel® Thunderbolt 4	✓
Maximum turbo power	95 W	Combo headphone/mic port	✓
Memory		USB Type-C DisplayPort Alternate Mode	✓
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM	Keyboard	
Memory clock speed	3200 MHz	Pointing device	Touchpad
Memory form factor	SO-DIMM	Numeric keypad *	×

Memory		Keyboard	
Memory layout (slots x size) Memory slots Maximum internal memory *	2 x 8 GB 2x SO-DIMM 64 GB	Keyboard backlit Keyboard backlit colour <b>Software</b>	<b>✓</b> White
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed	512 GB SSD 512 GB 1	Battery Number of battery cells Battery capacity *	3 53.8 Wh
SSD capacity	512 GB	Power	
NVMe	✓	AC adapter power	90 W
Optical drive type *	×	Security	
Card reader integrated Compatible memory cards	<b>✓</b> SD	Cable lock slot Cable lock slot type	✓ Kensington
Graphics		Fingerprint reader	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card * Discrete graphics card *	✓ ×	Trusted Platform Module (TPM) version	2.0
On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel® UHD Graphics	Weight & dimensions	
		Width Depth Height Weight *	313.7 mm 236 mm 18.6 mm 1.6 kg

## **Catalog Object Cloud**



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