



MSI Prestige 16 STUDIO A13VE-242UK Laptop 40.6 cm (16") Full HD Intel® Core™ i7 i7-13620H 16 GB LPDDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



Brand : MSI

Product family: Prestige

Product code: PRESTIGE
16STUDIO A13VE-242UK

Product name : 16 STUDIO
A13VE-242UK

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 40.6 cm (16") Full HD 1920 x 1080, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (4800MHz) LPDDR5-SDRAM & 512GB SSD

Intel Core i7-13620H (24MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home
MSI Prestige 16 STUDIO A13VE-242UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 40.6 cm (16"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Graphics	
Colour name	Urban Silver	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Silver	Discrete graphics card memory	6 GB
Form factor *	Clamshell	Discrete graphics memory type	GDDR6
Display		Audio	
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	1920 x 1080 pixels	Speaker power	2 W
Touchscreen *	✗	Camera	
HD type	Full HD	Front camera	✓
Maximum refresh rate	165 Hz	Front camera HD type	Full HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Infrared (IR) camera	✓
Processor generation	13th gen Intel® Core™ i7	Network	
Processor family *	Intel® Core™ i7	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor model *	i7-13620H	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor boost frequency	4.9 GHz	Mobile network connection *	✗
Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth	✓
Performance-core Max Turbo Frequency	4.9 GHz	Bluetooth version	5.3
Processor cores	10	Ports & interfaces	
Performance cores	6	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient cores	4	HDMI ports quantity *	1
Processor cache	24 MB	HDMI version	2.1
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	2
Processor base power	45 W	Intel® Thunderbolt 4	✓
Maximum turbo power	115 W	Combo headphone/mic port	✓
Memory		Performance	
Internal memory *	16 GB	Ambient light sensor	✓
Internal memory type	LPDDR5-SDRAM	Keyboard	
Memory clock speed	4800 MHz	Pointing device	Touchpad

Storage		Keyboard	
Total storage capacity *	512 GB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Total SSDs capacity	512 GB	Keyboard backlit colour	White
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Home
NVMe	✓	Battery	
Optical drive type *	✗	Number of battery cells	4
Card reader integrated	✓	Battery capacity *	82 Wh
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	120 W
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Fingerprint reader	✓
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	358 mm
Discrete graphics card *	✓	Depth	258.6 mm
		Height	16.9 mm
		Weight *	2.1 kg



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