



MSI Creator Z17 HX STUDIO A13VFT-213UK Intel® Core™ i7 i7-13850HX Laptop 43.2 cm (17") Touchscreen Quad HD+ 64 GB LPDDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : MSI

Product family: Creator

Product code: CREATOR Z17HXSTUDIO A13VFT-213UK

Product name : Z17 HX STUDIO A13VFT-213UK



- Windows 11 Pro
 - Intel Core i7-13850HX (30MB Cache)
 - 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 64GB (5600MHz) LPDDR5-SDRAM (2 x 32) & 2000GB SSD
 Intel Core i7-13850HX (30MB Cache), 64GB LPDDR5-SDRAM, 2000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Pro
 MSI Creator Z17 HX STUDIO A13VFT-213UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13850HX. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 64 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Graphics	
Colour name	Lunar Gray	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Grey	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Display		Number of built-in speakers	4
Display diagonal *	43.2 cm (17")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✓	Front camera	✓
HD type	Quad HD+	Front camera HD type	Full HD
Native aspect ratio	16:10	Video capturing speed	30 fps
RGB colour space	DCI-P3	Infrared (IR) camera	✓
Colour gamut	100%	Network	
Maximum refresh rate	165 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™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	13th gen Intel® Core™ i7	WLAN controller manufacturer	Intel
Processor model *	i7-13850HX	Bluetooth	✓
Processor cores	20	Bluetooth version	5.3
Processor boost frequency	5.3 GHz	Ports & interfaces	
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Efficient cores	12	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	5.3 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.8 GHz	Thunderbolt 4 ports quantity	2
Processor cache	30 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	55 W		

Processor		Ports & interfaces	
Maximum turbo power	157 W	USB Type-C DisplayPort Alternate Mode	✓
Memory		Performance	
Internal memory *	64 GB	Motherboard chipset	Intel HM770
Internal memory type	LPDDR5-SDRAM	Ambient light sensor	✓
Memory clock speed	5600 MHz	Keyboard	
Memory layout (slots x size)	2 x 32 GB	Pointing device	Touchpad
Maximum internal memory *	64 GB	Numeric keypad *	✓
Storage		Keyboard backlit	✓
Total storage capacity *	2 TB	Keyboard backlit colour	RGB
Storage media *	SSD	Keyboard backlit zone	Per-key RGB
Total SSDs capacity	2 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	2 TB	Battery	
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	90 Wh
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	280 W
Compatible memory cards	SD	Security	
Graphics		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Width	382 mm
Discrete graphics card memory	8 GB	Depth	260 mm
Discrete graphics memory type	GDDR6	Height	19 mm
On-board graphics card *	✓	Weight *	2.5 kg
On-board GPU manufacturer	Intel	Packaging data	
		Package width	512 mm
		Package depth	83 mm
		Package height	358 mm



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