



MSI Creator Z16 HX Studio A13VGTA-008UK Intel® Core™ i9 i9-13980HX Laptop 40.6 cm (16") Touchscreen Quad HD+ 64 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : MSI

Product family: Creator

Product code: CREATOR Z16 HX STUDIO A13VGTA-008UK



Product name : Creator Z16 Hx Studio A13VGTA-008UK

- Windows 11 Pro
 - Intel Core i9-13980HX (36MB Cache)
 - 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 4070 (8GB GDDR6)
 - 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 1000GB SSD
- Intel Core i9-13980HX (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Pro
- MSI Creator Z16 HX Studio A13VGTA-008UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13980HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 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	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Grey	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Display		Speaker power	4 W
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✓	Front camera HD type	HD
HD type	Quad HD+	Video capturing speed	30 fps
Native aspect ratio	16:10	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	165 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel® Core™ i9	WLAN controller manufacturer	Intel
Processor generation	13th gen Intel® Core™ i9	Bluetooth	✓
Processor model *	i9-13980HX	Bluetooth version	5.3
Processor cores	24	Ports & interfaces	
Processor boost frequency	5.6 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	8	HDMI ports quantity *	1
Efficient cores	16	HDMI version	2.1
Performance-core Max Turbo Frequency	5.6 GHz	Thunderbolt 4 ports quantity	1
Efficient-core Max Turbo Frequency	4 GHz	Intel® Thunderbolt 4	✓
Processor cache	36 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	55 W		

Processor		Performance	
Maximum turbo power	157 W	Motherboard chipset	Intel HM770
Memory		Ambient light sensor	✓
Internal memory *	64 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory layout (slots x size)	2 x 32 GB	Keyboard backlit	✓
Maximum internal memory *	64 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	Per-key RGB
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium Polymer (LiPo)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✓	Power	
Optical drive type *	✗	AC adapter power	280 W
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	359 mm
Graphics		Depth	256 mm
Discrete GPU manufacturer	NVIDIA	Height	18.4 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight *	2.39 kg
Discrete graphics card memory	8 GB	Packaging data	
Discrete graphics memory type	GDDR6	Package width	512 mm
On-board graphics card *	✓	Package depth	83 mm
On-board GPU manufacturer	Intel	Package height	358 mm
Discrete graphics card *	✓	Logistics data	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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