



# MSI Creator Z16 HX Studio A13VGTA-008UK Laptop 40.6 cm (16") Touchscreen Quad HD+ Intel® Core™ i9 i9-13980HX 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	Discrete graphics card memory	8 GB
Product type *	Laptop	Discrete graphics memory type	GDDR6
Product colour *	Grey	<b>Audio</b>	
Form factor *	Clamshell	Number of built-in speakers	2
<b>Display</b>		Speaker power	4 W
Display diagonal *	40.6 cm (16")	<b>Camera</b>	
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	<b>Network</b>	
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)
<b>Processor</b>		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	13th gen Intel® Core™ i9	WLAN controller manufacturer	Intel
Processor family *	Intel® Core™ i9	Bluetooth	✓
Processor model *	i9-13980HX	Bluetooth version	5.3
Processor boost frequency	5.6 GHz	<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance-core Max Turbo Frequency	5.6 GHz	HDMI ports quantity *	1
Processor cores	24	HDMI version	2.1
Processor cache	36 MB	Thunderbolt 4 ports quantity	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Motherboard chipset	Intel HM770	Combo headphone/mic port	✓
Processor base power	55 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	157 W	<b>Performance</b>	
Performance cores	8	Ambient light sensor	✓
Efficient cores	16		
<b>Memory</b>			
Internal memory *	64 GB		

<b>Memory</b>		<b>Keyboard</b>	
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
<b>Storage</b>		Keyboard backlit zone	Per-key RGB
Total storage capacity *	1 TB	<b>Software</b>	
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	1 TB	<b>Battery</b>	
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	✓	<b>Power</b>	
Optical drive type *	✗	AC adapter power	280 W
Card reader integrated	✓	<b>Weight &amp; dimensions</b>	
Compatible memory cards	SD	Width	359 mm
<b>Graphics</b>		Depth	256 mm
Discrete GPU manufacturer	NVIDIA	Height	18.4 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight *	2.39 kg
On-board graphics card *	✓	<b>Packaging data</b>	
Discrete graphics card *	✓	Package width	512 mm
On-board graphics card family	Intel® UHD Graphics	Package depth	83 mm
On-board graphics card model *	Intel® UHD Graphics	Package height	358 mm
		<b>Technical details</b>	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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