MSI Creator Z17 Z17HXStudio A13VGT-065US Intel® Core™ i9 i9-13950HX Laptop 43.2 cm (17") Touchscreen Quad HD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey



Brand : MSI

Product family: Creator

Product code: CREATOR Z17HXSTUDIO A13VGT-065US

Product name : Z17HXStudio A13VGT-065US



- Windows 11 Pro
- Intel Core i9-13950HX (36MB Cache, 4GHz)
- 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 64GB (5600MHz) LPDDR5-SDRAM (2 x 32) & 2000GB SSD

Intel Core i9-13950HX (36MB Cache, 4GHz), 64GB LPDDR5-SDRAM, 2000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600 Touch, Intel UHD Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Pro

MSI Creator Z17 Z17HXStudio A13VGT-065US. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13950HX, Processor frequency: 4 GHz. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Grey

Design	
Colour name	Lunar Gray
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	43.2 cm (17")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✔
HD type	Quad HD+
Native aspect ratio	16:10

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	13th gen Intel® Core™ i9
Processor model *	i9-13950HX
Processor cores	24
Processor boost frequency	5.5 GHz
Processor frequency *	4 GHz
Processor cache	36 MB
Bus type	DMI4
Configurable TDP-down	45 W

Memory	
Internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 32 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Camera	
Front camera	✔
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance	
Motherboard chipset	Intel HM770
Ambient light sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

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Storage	
Total storage capacity *	2 TB
Storage media *	SSD
Total SSDs capacity	2 TB
Number of SSDs installed	1
SSD capacity	2 TB
SSD interface	PCI Express 4.0
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel® UHD Graphics

Audio	
Number of built-in speakers	4
Speaker power	2 W

Keyboard	
Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB

Software	
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Flex Memory Access	✔
Intel VT-x with Extended Page Tables (EPT)	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery	
Number of battery cells	4
Battery capacity *	90 Wh

Power	
AC adapter power	280 W

Security	
Fingerprint reader	✔

Weight & dimensions	
Width	382 mm
Depth	260 mm
Height	19 mm
Weight *	2.49 kg

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