

**Product Spec. :**

Model	
Part No	9S7-15G311-034
SKU Number	
Website Name	Creator Z16 HX Studio A13VGTA
Brand	MSI
Platform	INTEL
Series Name	Content Creation
Segment Name	Creator
Segment Name2	Creator Z16 HX
Segment Name3	Creator Z16 HX Studio A13VGTA
Model	15G3
MKT Name	Creator Z16 HX Studio A13VGTA
Entity MKT Name	
MKT Spec	Creator Z16 HX Studio A13VGTA-034CZ
System/Barebone	System
Chassis Color	
Color	ID1(GG)/Lunar_Gray-Black-Lunar_Gray-Lunar_Gray
Color_Website	Lunar Gray
Chassis Material	
A Side	Metal (Uni-body)
B Side	Glass
C Side	Metal (Uni-body)
D Side	Metal
Display	
Screen Size	16
Resolution	IPS-Level QHD+
Pixel	2560x1600
LCD Features	GLARE
Screen Touch	Touch
Frame Rate	165Hz
Response Time	G to G 5ms
Color Range	100% DCI-P3
Screen Size_Website	16"
Pixel_Website	QHD+(2560x1600)
Frame Rate_Website	165Hz Refresh Rate
Color Range_Website	100% DCI-P3(Typical)
Display Type_Website	IPS-Level
HDR Value	N/A
Touch Feature_Website	Support MSI Pen (Optional), Touchscreen
CPU	
CPU Type	N/A
CPU Core Name	RAPTOR LAKE
CPU Socket	FCBGA-1964pin
CPU Number	i9-13980HX
CPU Clock	2.2GHz
CPU Cores	N/A
CPU Core Name_Website	13th Gen Intel® Core™

CPU Number_Website	i9-13980HX processor
CPU Specification_Website	24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.6 GHz
Chipset	
Chipsets	HM770
Chipset SoC_Website	Intel® HM770
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX 4070
GPU1 Number	RTX 4070
GPU1 MKT Name_Website	NVIDIA® GeForce RTX™ 4070 Laptop GPU
GPU1 Boost Clock_Website	Up to 1980MHz Boost Clock 90W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
GPU1 Remark_Website	N/A
CPU and GPU Combined Power	
Combined Power_Website	N/A
OverBoost Ultra Remark_Website	N/A
Scenario Remark_Website	N/A
Cooling	
Thermal	Vapor Chamber Cooler
Fan	2
Pipe	2
Vapor Chamber	
Thermal Algorithm	N/A
Video Memory	
GPU1 VRAM Size	8GB
GPU1 VRAM Type	GDDR6
Integrated Graphics	
GPU1 Graphics_Website	Intel® UHD Graphics
Memory	
Memory Size	32GB*2
Memory Type	Up to DDR5-5600
Memory Speed	2800(5600)MHz
Memory Remark_Website	N/A
Memory Slot and Max Capacity	
Memory Slot	2 Slots
Memory Max Capacity_Website	Max 64GB
Storage	
SSD Interface	PCIe GEN4x4 NVMe
SSD Form Factor	M.2-2280 M-KEY
SSD Size	1TB*1
HDD1 Interface	N/A
HDD1 Form Factor	N/A
HDD size	N/A
HDD1 RPM	N/A
ODD Type	N/A
Multi Bay	N/A
SSD Gen_Website	NVMe SSD PCIe Gen4
2.5" HDD_Website	N/A

SSD Remark	N/A
Storage Slot	
SSD (NVMe PCIe Gen)_ Website	1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
HDD_ Website	NA
Communications	
Accessory Lan_ Website	NA
LAN	
LAN_ Website	N/A
LAN	N/A
Wi-Fi/ Bluetooth	
WLAN/BT_ Website	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
WLAN Version	Wi-Fi 6E+BT
WLAN/BT	INTEL/AX211.NG.WG.NV
I/O Ports	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
RJ45	N/A
USB Ports	
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3 optional)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen1 / DP / Thunderbolt™3)	N/A
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3) with PD charging	N/A
Type-C (USB3.2 Gen2 / DP)	1x
Type-C (USB / DP / Thunderbolt™ 4) with PD charging	1x
Type-C (USB / DP / Thunderbolt™ 4) with PD3.1 charging	N/A
Type-C (USB / DP / Thunderbolt™ 4)	N/A
Type-C (USB / DP / Thunderbolt™) with PD charging	N/A
Type-C (USB3.2 Gen2 / DP) with PD charging	N/A
Type-C (USB3.2 Gen2 / DP) with PD3.1 charging	N/A
Type-C (USB3.1 Gen1 / DP)	N/A
Type-C (USB3.2 Gen1 / DP)	N/A
Type-C USB3.1 Gen2	N/A
Type-C USB3.2 Gen2	N/A
Type-C USB3.2 Gen2 with PD charging	N/A
Type-C USB3.1 Gen1	N/A
Type-C USB3.2 Gen1	N/A
Type-A USB3.1 Gen1	N/A
Type-A USB3.2 Gen1	N/A
Type-A USB3.1 Gen1/ QC3.0	N/A

Type-A USB3.2 Gen1/ QC3.0	N/A
Type-A USB3.1 Gen2	N/A
Type-A USB3.2 Gen2	1x
Type-C USB3.2 Gen2x2	N/A
Type-A USB3.1	N/A
Type-C USB3.0	N/A
Type-A USB3.0	N/A
Type-A USB2.0	N/A
USB3.2 Gen 2 Type-C(connect to computer)	N/A
Card Reader	
CardReader	1x SD Express
Smart Card Reader	N/A
Video Ports	
VGA Out	N/A
HDMI™	NA
DisplayPort	N/A
Mini Display Port	N/A
Keyboard	
Keyboard Types_ Website	Single Backlit Keyboard (White)
Keyboard Keys	99KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	CS Wleft Nokr
Touchpad	
Touchpad	Silky Smooth Touchpad
WebCam	
WebCam	IR FHD type (30fps@1080p)
Webcam Feature	N/A
Audio Port	
Audio Jack_ Website	1x Mic-in/Headphone-out Combo Jack
Audio	
Audio Speaker	4x 2W
Audio Woofer	N/A
Audio Mic	N/A
Audio Solution_ Website	Sound by Dynaudio, Hi-Res Audio Ready, DTS Audio Processing
AC Adapter	
Adaptor Output	280W adaptor (for i9) / 240W adaptor (for i7)
Adaptor	280W
Adaptor Input	90-264Vin
Adaptor Unit Weight (g)	850
Power Cord Unit Weight (g)	195
Battery	
Battery Type	4CELLS/4S1P
Battery Cell_ Website	4-Cell
Whrs	90 Whrs
Battery Unit Weight (g)	350

Operating Systems	
OS	PROFESSIONAL(WIN 11 PRO HIGH-END OLC OA3)
OS Type	W11PH
OS_Website	Windows 11 Pro
Microsoft Office	
OS-Office_Website	N/A
Dimension (WXDXH)	
Dimension	359 x 256 x 19 mm
Dimension(Inches)_Website	14.13" x 10.08" x 0.75"
Weight (W/ Battery)	
Weight	2.39 kg
Weight(lbs)_Website	5.27 lbs
Weight (Docking)	N/A
Weight (lbs Docking)_Website	N/A
Security	
Security Type_Website	Fingerprint Security, Discrete Trusted Platform Module(dTPM) 2.0, Firmware Trusted Platform Module(fTPM) 2.0
Certification	
Certification Type_Website	Meta Ready
Sustainability	
EPEAT_Website	
Sensor	
Fingerprint_Website	x1
Fingerprint (Optional)	N/A
Ambient Light Sensor_Website	x1
Gyroscope_Website	N/A
Accelerometer_Website	N/A
Magnetometer_Website	N/A
Proximity Sensor	N/A
NFC (Optional)	N/A
Warranty	
Warranty	24M
Warranty_Website	N/A
Accessory	
Accessory_Website	
Extra Bag	N/A
Extra Mouse	N/A
Remark	
I/O Ports Remark	N/A
Remark 1_Website	
Remark 2_Website	
Remark 3_Website	
Remark 4_Website	
Remark 5_Website	
Software	
Software	Nvidia GeForce Experience, True Color, Noise Cancellation, Battery Master, MSI Center, DTS Audio Processing, Animaze, Smart Auto
Model Info	

Series Name	Content Creation
Segment Name	Creator
Segment Name2	Creator Z16 HX
Segment Name3	Creator Z16 HX Studio A13VGTA
Barcode Info	
EAN	4711377143806
JAN	
UPC	
UCC14	

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