Model	
Part No	9S7-15K111-1821
SKU Number	
Website Name	Cyborg 15 A13VEK
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	Cyborg
Segment Name2	Cyborg15A
Segment Name3	Cyborg15 A13VEK
Model	15K1
MKT Name	Cyborg 15 A13VEK
Entity MKT Name	
MKT Spec	Cyborg 15 A13VEK-1821XBG
System/Barebone	System
Chassis Color	
Color	ID1(TB)/Translucent Black-Black-Black-Translucent Black
Color_Website	Translucent Black
Chassis Material	
A Side	Metal
B Side	Plastic
C Side	Plastic
D Side	Plastic
Display	
Screen Size	15.6
Resolution	IPS-Level FHD
Pixel	1920x1080
LCD Features	ANTI-GLARE
Screen Touch	Non-touch
Frame Rate	144Hz
Response Time	Tr+Tf 25ms
Color Range	45%
Screen Size_Website	15.6"
Pixel_Website	FHD(1920x1080)
Frame Rate_Website	144Hz Refresh Rate
Color Range_Website	N/A
Display Type_Website	IPS-Level
HDR Value	N/A
Touch Feature_Website	N/A
Brightness	N/A
CPU	
CPU Type	10 CORE
CPU Core Name	RAPTOR LAKE
CPU Socket	FCBGA-1744pin
CPU Number	i7-13620H
CPU Clock	2.4GHz
CPU Cores	10
CPU Core Name_Website	13th Gen Intel® Core™
CPU Number_Website	i7-13620H processor
CPU Number_Website For GC	i7-13620H processor
CPU Specification_Website	10 cores (6 P-cores + 4 E-cores), Max Turbo Frequency 4.9 GHz
Chipset	
Chipset	N/A
Chipset SoC_Website	Integrated SoC
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX 4050
GPU1 Number	RTX 4050
GPU1 MKT Name_Website	NVIDIA® GeForce RTX™ 4050 Laptop GPU powers advanced AI with 194 AI TOPS
GPU1 Boost Clock_Website	Up to 1605MHz Boost Clock 45W 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	Cooler Boost
Fan	1
Fan Technology	N/A
Pipe	3
Vapor Chamber	N/A
Video Memory	
GPU1 VRAM Size	6GB
GPU1 VRAM Type	GDDR6
Integrated Graphics	
GPU1 Graphics_Website	Intel® UHD Graphics
Memory	
Memory Size	8GB*2
Memory Module	DDR5-5600
Memory(Slot) Max Speed	DDR5-5200
Memory Form	N/A
Memory Remark_Website	N/A
Memory Slot and Max Capacity	
Memory Max Speed	DDR5-5200
Memory Slot	2 Slots
Memory Max Capacity_Website	Max 64GB
Storage	
SSD Interface	PCIe GEN4x4 w/o DRAM NVMe
SSD Form Factor	M.2-2280 M-Key
SSD Size	512GB*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 Speed	N/A
Storage Slot	
SSD (NVMe PCIe Gen)_Website	1x M.2 SSD slot (NVMe PCIe Gen4)
HDD_Website	N/A
LAN	
LAN_Website	Gigabit Ethernet
LAN	REALTEK/RTL8111H/B-CG
RJ45	1x
Wi-Fi/ Bluetooth	
WLAN/BT_Website	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
WLAN Version	Wi-Fi 6E+BT
WLAN/BT	INTEL/AX211.NGWG.NV
IO Ports	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
USB Ports	
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3)	NA
Type-C (USB3.1 Gen2 / DP / Thunderbolt™3 optional)	NA
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3)	NA
Type-C (USB3.2 Gen1 / DP / Thunderbolt™3)	NA
Type-C (USB3.2 Gen2 / DP / Thunderbolt™3) with PD charging	NA
Type-C (USB3.2 Gen2 / DisplayPort™)	NA
Thunderbolt™ 4 (DisplayPort™ Power Delivery 3.0)	NA
Thunderbolt™ 4 (DisplayPort™ Power Delivery 3.1)	N/A
Thunderbolt™ 4 (DisplayPort™)	NA
Thunderbolt™ 5 (DisplayPort™ Power Delivery 3.1)	
Thunderbolt™ (DisplayPort™ Power Delivery 3.0)	NA
Type-C (USB849 / DisplayPort™ Power Delivery 3.0/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB849 / DisplayPort™ Power Delivery 3.1/ Thunderbolt™ 4 compatible)	
Type-C (USB3.2 Gen2 / DisplayPort™ Power Delivery 3.0)	NA
Type-C (USB3.2 Gen2 / DisplayPort™ Power Delivery 3.1)	N/A
Type-C (USB3.2 Gen1 / DisplayPort™ Power Delivery 3.0)	
Type-C (USB3.1 Gen1 / DisplayPort™)	NA
Type-C (USB3.2 Gen1 / DisplayPort™)	1x
Type-C USB3.1 Gen2	NA
Type-C USB3.2 Gen2	NA
Type-C USB3.2 Gen2 with PD charging	NA
Type-C USB3.1 Gen1	NA
Type-C USB3.2 Gen1	NA
Type-A USB3.1 Gen1	NA
Type-A USB3.2 Gen1	2x
Type-A USB3.1 Gen1/ QC3.0	NA
Type-A USB3.2 Gen1/ QC3.0	NA
Type-A USB3.1 Gen2	NA
Type-A USB3.2 Gen2	NA
Type-C USB3.2 Gen2x2	NA
Type-A USB3.1	NA
Type-C USB3.0	N/A
Type-A USB3.0	NA
Type-A USB2.0	NA
USB3.2 Gen 2 Type-C(connect to computer)	NA
Card Reader	
CardReader	NA
Smart Card Reader	N/A
Video Ports	
VGA Out	NA
HDMI™	1x HDMI™ 2.1 (4K @ 60Hz)
DisplayPort	NA
Mini Display Port	NA
Keyboard	
Keyboard Types_Website	4-Zone RGB Gaming Keyboard
Keyboard Keys	99KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	BG Weft Noir
Touchpad	
Touchpad	N/A
WebCam	
WebCam	HD type (300p@720p)
Webcam Feature	N/A
Audio Port	
Audio Jack_Website	1x Mic-in/Headphone-out Combo Jack
Audio	
Audio Speaker	2x 2W
Audio Woofer	N/A
Audio Mic	N/A
Audio Solution_Website	Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
AC Adapter	
Adaptor Output	120W adapter
Adaptor	120W
Adaptor Input	90-264Vin
Adaptor Unit Weight (g)	400
Power Cord Unit Weight (g)	126
Battery	
Battery Type	3CELLS/3S1P
Battery Cell_Website	3-Cell
Whrs	53.5 Whrs
Mah	4700 Mah
Battery Unit Weight (g)	211
Operating Systems	
OS	N/A
HK Type	Free DOS
OS_Website	Free Dos
Gaplish PC Certified	N/A
Microsoft Office	
OS-Office_Website	N/A
Dimension (WXDXH)	
Dimension	359.36 x 250.34 x 21.95-22.9 mm
Dimension(Inches)_Website	14.15" x 9.86" x 0.86-0.9"
Weight (W/ Battery)	
Weight	1.95 kg
Weight(lbs)_Website	4.37 lbs
Security	
Security Type_Website	Kensington Lock
Certification	
Certification Type_Website	N/A
Sustainability	
EPEAT_Website	N/A
Sensor	
Fingerprint_Website	N/A
Fingerprint (Optional)	N/A
Ambient Light Sensor_Website	N/A
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	2 years limited warranty
Xbox Game Pass	
Xbox Game Pass	One month of PC Game Pass
Xbox Game Pass Remark	*Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.
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, Nahimic 3, MSI App Player, Game Highlights, MSI Companion, Crosshair, Battery Master, MSI Center, Smart Auto
Model Info	
Segment Name2	Cyborg15A
Segment Name	Cyborg
Series Name	Gaming
Segment Name3	Cyborg15 A13VEK
Extra Info	
EOL Date	
Barcode Info	
UECC14	
UPC	
JAN	
EAN	4711377294287