

<b>Model</b>	
Part No	9S7-15K111-1682
SKU Number	
Website Name	Cyborg 15 A13VF
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	Cyborg
Segment Name2	Cyborg15A
Segment Name3	Cyborg15 A13VF
Model	15K1
MKT Name	Cyborg 15 A13VF
Entity MKT Name	
MKT Spec	Cyborg 15 A13VF-1682XBG
System/Barebone	System
<b>Chassis Color</b>	
Color	ID1(TB)/Translucent Black-Black-Black-Translucent Black
Color Website	Translucent Black
<b>Chassis Material</b>	
A Side	Metal
B Side	Plastic
C Side	Plastic
D Side	Plastic
<b>Display</b>	
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
<b>CPU</b>	
CPU Type	8 CORE
CPU Core Name	RAPTOR LAKE
CPU Socket	FCBGA-1744pin
CPU Number	i5-13420H
CPU Clock	2.1GHz
CPU Cores	8
CPU Core Name Website	13th Gen Intel® Core™
CPU Number Website	i5-13420H processor
CPU Number Website For GC	
CPU Specification Website	8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.6 GHz
<b>Chipset</b>	
Chipsets	N/A
Chipset SoC Website	Integrated SoC
<b>Discrete Graphics</b>	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX 4060
GPU1 Number	RTX 4060
GPU1 MKT Name Website	NVIDIA® GeForce RTX™ 4060 Laptop GPU powers advanced AI with 233 AI TOPS
GPU1 Boost Clock Website	Up to 1470MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario
GPU1 Remark Website	
<b>CPU and GPU Combined Power</b>	
Combined Power Website	N/A
OverBoost Ultra Remark Website	N/A
Scenario Remark Website	N/A
<b>Cooling</b>	
Thermal	Cooler Boost
Fan	1
Fan Technology	N/A
Pipe	3
Vapor Chamber	N/A
<b>Video Memory</b>	
GPU1 VRAM Size	8GB
GPU1 VRAM Type	GDDR6
<b>Integrated Graphics</b>	
GPU1 Graphics Website	Intel® UHD Graphics
<b>Memory</b>	
Memory Size	8GB*2
Memory Module	2800/5600MHz
Memory(Slot) Max Speed	DDR5-5200
Memory Form	N/A
Memory Remark Website	N/A
<b>Memory Slot and Max Capacity</b>	
Memory Max Speed	
Memory Slot	2 Slots
Memory Max Capacity Website	Max 64GB
<b>Storage</b>	
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 Remark	N/A
<b>Storage Slot</b>	
SSD (NVMe PCIe Gen) Website	1x M.2 SSD slot (NVMe PCIe Gen4)
HDD Website	NA
<b>LAN</b>	
LAN Website	Gigabit Ethernet
LAN	REALTEK/RTL8111H-VB-CG
RJ45	1x
<b>Wi-Fi/ Bluetooth</b>	
WLAN/BT Website	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
WLAN Version	Wi-Fi 6E+BT
WLAN/BT	INTEL/AX211.NGWG.NV
<b>IO Ports</b>	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
<b>USB Ports</b>	
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)	NA
Thunderbolt™ 4 (DisplayPort™)	NA
Thunderbolt™ 5 (DisplayPort™/ Power Delivery 3.1)	NA
Thunderbolt™ (DisplayPort™/ Power Delivery 3.0)	NA
Type-C (USB4® / DisplayPort™/ Power Delivery 3.0/ Thunderbolt™ 4 compatible)	N/A
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 (USB3.1 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
<b>Card Reader</b>	
CardReader	NA
Smart Card Reader	N/A
<b>Video Ports</b>	
VGA Out	NA
HDMI™	1x HDMI™ 2.1 (4K @ 60Hz)
DisplayPort	NA
Mini Display Port	NA
<b>Keyboard</b>	
Keyboard Types_Website	Single Backlit Keyboard (Blue)
Keyboard Keys	99KEYS
Keyboard Backlit	N/A
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	BG Wleift Nokr
<b>Touchpad</b>	
Touchpad	N/A
<b>WebCam</b>	
WebCam	HD type (30fps@720p)
Webcam Feature	N/A
<b>Audio Port</b>	
Audio Jack_Website	1x Mic-in/Headphone-out Combo Jack
<b>Audio</b>	
Audio Speaker	2x 2W
Audio Woofer	N/A
Audio Mic	N/A
Audio Solution_Website	Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
<b>AC Adapter</b>	
Adaptor Output	120W adaptor
Adaptor	120W
Adaptor Input	90-264VIn
Adaptor Unit Weight (g)	400
Power Cord Unit Weight (g)	126
<b>Battery</b>	
Battery Type	3CELLS/3S1P
Battery Cell_Website	3-Cell
Whrs	53.5 Whrs
Mah	4700 Mah
Battery Unit Weight (g)	211
<b>Operating Systems</b>	
OS	N/A
OS Type	Free DOS
OS_Website	Free Dos
Copilot+ PC Certified	N/A
<b>Microsoft Office</b>	
OS-Office_Website	N/A
<b>Dimension (WxDXH)</b>	
Dimension	359.36 x 250.34 x 21.95~22.9 mm
Dimension(Inches)_Website	14.15" x 9.86" x 21.95~22.9"
<b>Weight (W/ Battery)</b>	
Weight	1.98 kg
Weight(lbs)_Website	4.37 lbs
<b>Security</b>	
Security Type_Website	Kensington Lock
<b>Certification</b>	
Certification Type_Website	N/A
<b>Sustainability</b>	
EPEAT_Website	N/A
<b>Sensor</b>	
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
<b>Warranty</b>	
Warranty	24M
Warranty_Website	2 years limited warranty
<b>Xbox Game Pass</b>	
Xbox Game Pass	One month of PC Game Pass
Xbox Game Pass Remark	*Sec 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.
<b>Accessory</b>	
Accessory_Website	
Extra Bag	N/A
Extra Mouse	N/A
<b>Remark</b>	
I/O Ports Remark	N/A
Remark 1_Website	
Remark 2_Website	
Remark 3_Website	
Remark 4_Website	
Remark 5_Website	
<b>Software</b>	
Software	Nvidia GeForce Experience, Nahimic 3, Gaming Mode, MSI App Player, Game Highlights, MSI Companion, Crosshair, Battery Master, MSI Center, Smart Auto
<b>Model Info</b>	
Segment Name2	Cyborg15A
Segment Name	Cyborg
Series Name	Gaming
Segment Name3	Cyborg15 A13VF
<b>Extra Info</b>	
EOL Date	
<b>Barcode Info</b>	
UCC14	
UPC	
JAN	
EAN	4711377287043