Model	
Part No	9S7-15K111-2292
SKU Number	
Website Name	Cyborg 15 A13VEK
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-2292XBG
Chassis Color	
Color	ID1/TBV/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
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
Peak Brightness (HDR Value)	N/A
Touch Feature_Website	N/A
Typical Brightness	N/A
Typical Brightness Remark	N/A
Eye Care Feature	
CPU	
CPU Type	8 CORE
CPU Core Name	RAPTOR LAKE
CPU Number	i5-13420H
CPU Basic Clock	2.1GHz
CPU Cores	8
NPU TOPS	N/A
CPU Core Name_Website	13th Gen Intel® Core™
CPU Number_Website	i5-13420H processor
CPU Number_Website For GC	i5-13420H processor
CPU Specification_Website	8 cores (4 P-cores + 4 E-cores), 12 threads, 12 MB Intel® Smart Cache, Max Turbo Frequency 4.6 GHz
Intel Evo Certified	N/A
Chipset	
Chipsets	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	1605MHzw Up to 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	8GB
GPU1 VRAM Type	GDDR6
Integrated Graphics	
GPU1 Graphics_Website	Intel® UHD Graphics
Memory	
Memory Size	16GB*1
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 Form Factor	M.2-2280 M-Key
SSD Size	512GB*1
SSD Interface	NVMe SSD PCIe Gen4
SSD 2 Size	N/A
SSD 2 Interface	N/A
HDD size	N/A
2.5"HDD_Website	N/A
SSD Remark	"Please consult service center for upgrading SSD."
Storage Slot	
SSD (NVMe PCIe Gen)_Website	1x M.2 SSD slot (NVMe PCIe Gen4)
HDD_Website	NA
Max Storage Capacity	4TB
LAN	
LAN_Website	Gigabit Ethernet
LAN	REALTEK/RTL8111H-VB-CG
RJ45	1x
Wi-Fi/ Bluetooth	
WLAN/BT_Website	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
WLAN Version	Wi-Fi 6E+BT
INTEL/AX211 NGWG NV	
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)	N/A
Thunderbolt™ (DisplayPort™/ Power Delivery 3.0)	NA
Type-C (USB4® / DisplayPort™/ Power Delivery 3.0/ Thunderbolt™ 4 compatible)	N/A
Type-C (USB4® / DisplayPort™/ Power Delivery 3.1/ 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 (USB3.2 Gen1 / DisplayPort™/ Power Delivery 3.0)	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 Gen2	NA
Type-A USB3.2 Gen2	NA
Type-C USB3.2 Gen2x2	NA
Type-A USB2.0	NA
USB3.2 Gen 2 Type-C(connect to computer)	NA
Card Reader	
CardReader	N/A
Smart Card Reader	N/A
Video Ports	
HDMI™	1x HDMI™ 2.1 (4K @ 60Hz)
DisplayPort	NA
Mini Display Port	NA
Keyboard	
Keyboard Types_Website	4-Zone RGB Gaming Keyboard
Keyboard Feature	N/A
Keyboard Keys	99KEYS
Key Travel	N/A
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard_Language	BG Wieft Nokr
Touchpad	
Touchpad	N/A
WebCam	
WebCam	HD 1vce (30fps@720p)
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	Hi-Res Audio Ready, Nahmic 3 Audio Enhancer
Adapter	
Adaptor	120W
Adaptor Input	90-264Vin
Adaptor Unit Weight (g)	400
Power Cord Unit Weight (g)	128
Power Cord Type	EUROPE/KOREA/RUSSIA
30/50s PD charging range	N/A
54/55 PD charging range	N/A
Adaptor Remark	
Battery	
Battery Type	3CELLS/3S1P
Battery Cell_Website	3-Cell
Whrs	53.5 Whrs
Mah	4700 Mah
Battery Unit Weight (g)	211
Support Fast Charging	N/A
Operating Systems	
OS	N/A
OS Type	Free DOS
OS_Website	Free Dos
Copilot+ 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	1.98 kg
Weight(lbs)_Website	4.37 lbs
Security	
Security Type_Website	Kensington Lock
Certification	
Certification Type_Website	N/A
Sustainability	
EPEAT_Website	N/A
TCO Certified	
Energy Star 9.0	N/A
Sensor	
Fingerprint	N/A
Ambient Light Sensor_Website	N/A
Gyroscope_Website	N/A
Accelerometer_Website	N/A
Magnetometer_Website	N/A
Proximity Sensor	N/A
Adaptive Color Sensor	N/A
NFC	N/A
Warranty	