

**Product Spec. :**

Model	
Part No	9S7-15K111-261
SKU Number	
Website Name	Cyborg 15 A12VF
Brand	MSI
Platform	INTEL
Series Name	Gaming
Segment Name	GF
Segment Name2	Cyborg15A
Segment Name3	Cyborg15 A12VF
Model	15K1
MKT Name	Cyborg 15 A12VF
Entity MKT Name	
MKT Spec	Cyborg 15 A12VF-261CZ
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	
Touch Feature_Website	N/A
CPU	
CPU Type	10 CORE
CPU Core Name	ALDER LAKE
CPU Socket	FCBGA-1744pin
CPU Number	i7-12650H
CPU Clock	2.3GHz
CPU Cores	10
CPU Core Name_Website	12th Gen Intel® Core™

CPU Number_Website	i7-12650H processor
CPU Specification_Website	10 cores (6 P-cores + 4 E-cores), Max Turbo Frequency 4.7 GHz
Chipset	
Chipsets	N/A
Chipset SoC_Website	Integrated SoC
Discrete Graphics	
GPU1 Vendor	NVIDIA
GPU1 MKT Name	GeForce RTX 4060
GPU1 Number	RTX 4060
GPU1 MKT Name_Website	NVIDIA® GeForce RTX™ 4060 Laptop GPU
GPU1 Boost Clock_Website	Up to 1470MHz 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
Pipe	3
Vapor Chamber	
Thermal Algorithm	
Video Memory	
GPU1 VRAM Size	8GB
GPU1 VRAM Type	GDDR6
Integrated Graphics	
GPU1 Graphics_Website	Intel® UHD Graphics
Memory	
Memory Size	8GB*2
Memory Type	DDR5-4800
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 w/o DRAM 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	
Storage Slot	
SSD (NVMe PCIe Gen)_ Website	1x M.2 SSD slot (NVMe PCIe Gen4)
HDD_ Website	
Communications	
Accessory Lan_ Website	Gb LAN
LAN	
LAN_ Website	Gigabit Ethernet
LAN	REALTEK/RTL8111H-VB-CG
Wi-Fi/ Bluetooth	
WLAN/BT_ Website	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
WLAN Version	Wi-Fi 6+BT
WLAN/BT	INTEL/AX201.NGWG.NVW
I/O Ports	
Audio Line In	N/A
Audio Line Out	N/A
Digital out SPDIF	N/A
RJ45	1x
USB Ports	
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 / DP)	NA
Type-C (USB / DP / Thunderbolt™ 4) with PD charging	NA
Type-C (USB / DP / Thunderbolt™ 4) with PD3.1 charging	
Type-C (USB / DP / Thunderbolt™ 4)	NA
Type-C (USB / DP / Thunderbolt™) with PD charging	NA
Type-C (USB3.2 Gen2 / DP) with PD charging	NA
Type-C (USB3.2 Gen2 / DP) with PD3.1 charging	
Type-C (USB3.1 Gen1 / DP)	NA
Type-C (USB3.2 Gen1 / DP)	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	
Video Ports	
VGA Out	NA
HDMI™	1x HDMI™ 2.1 (4K @ 60Hz)
DisplayPort	NA
Mini Display Port	NA
Keyboard	
Keyboard Types_ Website	Single Backlit Keyboard (Blue)
Keyboard Keys	99KEYS
Keyboard Backlit	Y
Keyboard Numeric	Yes
Keyboard Color	BLACK
Keyboard Language	CS Wleft Nokr
Touchpad	
Touchpad	
WebCam	
WebCam	HD type (30fps@720p)
Webcam Feature	
Audio Port	
Audio Jack_ Website	1x Mic-in/Headphone-out Combo Jack
Audio	
Audio Speaker	2x 2W
Audio Woofer	N/A
Audio Mic	
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)	630
Power Cord Unit Weight (g)	150
Battery	
Battery Type	3CELLS/3S1P
Battery Cell_ Website	3-Cell
Whrs	53.5 Whrs
Battery Unit Weight (g)	211

Operating Systems	
OS	MULTI-LANGUAGE(WIN 11 HOME PLUS OLC OA3)
OS Type	W11MH
OS_Website	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Microsoft Office	
OS-Office_Website	
Dimension (WXDXH)	
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"
Weight (W/ Battery)	
Weight	1.98 kg
Weight(lbs)_Website	4.37 lbs
Weight (Docking)	N/A
Weight (lbs Docking)_Website	N/A
Security	
Security Type_Website	Kensington Lock
Certification	
Certification Type_Website	N/A
Sustainability	
EPEAT_Website	
Sensor	
Fingerprint_Website	N/A
Fingerprint (Optional)	
Ambient Light Sensor_Website	N/A
Gyroscope_Website	N/A
Accelerometer_Website	N/A
Magnetometer_Website	N/A
Proximity Sensor	
NFC (Optional)	
Warranty	
Warranty	24M
Warranty_Website	2 years limited warranty
Accessory	
Accessory_Website	
Extra Bag	N/A
Extra Mouse	N/A
Remark	
I/O Ports Remark	
Remark 1_Website	
Remark 2_Website	
Remark 3_Website	
Remark 4_Website	
Remark 5_Website	
Software	
Software	Nvidia GeForce Experience, Nahimic 3, Gaming Mode, MSI App Player, Game Highlights, MSI Companion, Crosshair, Battery Master, MSI Center, Smart Auto
Model Info	

Series Name	Gaming
Segment Name	GF
Segment Name2	Cyborg15A
Segment Name3	Cyborg15 A12VF
Barcode Info	
EAN	4711377086424
JAN	
UPC	
UCC14	

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