msi

MSI Cyborg 15 B2RWEKG-003UK Intel Core 5 210H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Cyborg

Product code: CYBORG 15 B2RWEKG-003UK

Product name : Cyborg 15 B2RWEKG-003UK

- "Intel® Core™ i5-210H (13th Gen, 8-core CPU)
- Combines a balanced mix of performance and efficiency (up to ~4.8 GHz boost), optimized for gaming and multitasking"
- "NVIDIA® GeForce RTX™ 5050 Laptop GPU (8 GB GDDR7)
- Supports real-time ray tracing and DLSS acceleration for stunning visuals and smooth rendering"
- "15.6″ Full HD, 144 Hz IPS-Level Display
- Crisp 1920×1080 resolution with high refresh rate ensures fast, fluid visuals during gameplay or creative tasks"
- "16 GB DDR5-5600 (dual-channel) + 512 GB PCIe Gen4 SSD
- Fast memory and high-speed NVMe storage enable instant responsiveness and smooth multitasking"
- "Translucent Cyberpunk Design & Lightweight Mobility
- Semi-transparent chassis with futuristic styling, slim (~22 mm) and weighing around 2.0 kg for stylish portability"

Intel Core 5 210H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5050 (8GB GDDR7), WLAN, Webcam, Windows 11 Home

Design

Colour name	Translucent Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Metal, Plastic
Market positioning	Gaming
Original brand name	MSI

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS-Level
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	144 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	Intel Core (Series 2)
Processor model *	210H
Processor cores	8
Processor threads	12
Processor boost frequency	4.8 GHz
Performance cores	4
Efficient cores	4
Efficient-core Max Turbo Frequency	3.6 GHz
Performance-core base frequency	2.2 GHz

Audio

Speaker power	2 W

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Processor

Efficient-core base frequency	1.6 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	45 W
Maximum turbo power	115 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 5050
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel Graphics
On-board graphics card model *	Intel Graphics

Audio

Audio system	DTS Audio Processing
Number of built-in speakers	2

Performance

Motherboard chipset	Intel SoC

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	4-zone RGB
Copilot key	✔

Software

Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	55.2 Wh

Power

AC adapter power	150 W
DC-in jack	✔
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	359.4 mm
Depth	245.2 mm
Height	23.1 mm
Weight *	1.95 kg

Packaging data

Package width	455 mm
Package depth	79 mm
Package height	300 mm

Packaging content

AC adapter included *	✔

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

Other features

Warranty period	1 year(s)

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Catalog Object Cloud