msi

MSI Cyborg 14 A13V Intel® Core™ i7 i7-13620H Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Cyborg

Product code: CYBORG 14 A13VF-011UK

Product name : Cyborg 14 A13V

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 35.6 cm (14") Full HD+ 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM & 512GB SSD
Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 14 A13V. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.6 kg

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	Full HD+

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13620H
Processor cores	10
Processor boost frequency	4.9 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.9 GHz
Efficient-core Max Turbo Frequency	3.6 GHz
Processor cache	24 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	5200 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB

Camera

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

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔
Keyboard backlit colour	Blue

Software

Operating system installed *	Windows 11 Home

Storage

Storage media *	SSD
SSD interface	PCI Express 4.0
NVMe	✓
Optical drive type *	✗

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Number of built-in speakers	2
Speaker power	2 W

Battery

Number of battery cells	3
Battery capacity *	53.5 Wh

Power

AC adapter power	120 W

Security

Cable lock slot	✓
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	314.7 mm
Depth	233.5 mm
Height (front)	1.86 cm
Height (rear)	2.23 cm
Weight *	1.6 kg

Packaging data

Package width	455 mm
Package depth	88 mm
Package height	321 mm
Package weight	1.9 kg

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