



**HP C9MD3EA laptop Intel® Core™ i7 i7-14650HX 39,6 cm (15.6")
Full HD 16 GB DDR5-SDRAM NVIDIA GeForce RTX 4050 Wi-Fi 6
(802.11ax) Windows 11 Home Black**

Brand : HP

Article code: C9MD3EA

Product name : C9MD3EA

HP C9MD3EA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14650HX. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product color: Black. Weight: 2,29 kg

Design		Network	
Product type *	Laptop	Bluetooth version	5.4
Product color *	Black	Cabling technology	10/100/1000Base-T(X)
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Gaming	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	39,6 cm (15.6")	HDMI ports quantity *	1
Display resolution *	1920 x 1080 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	2
Display brightness	300 cd/m²	Performance	
Display diagonal (metric)	39,6 cm	Motherboard chipset	Intel SoC
Maximum refresh rate	144 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor family *	Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-14650HX	Full-size keyboard	✓
Processor cores	16	Software	
Processor threads	24	Operating system installed *	Windows 11 Home
Processor boost frequency	5,2 GHz	Brand-specific features	
Processor cache	30 MB	HP Audio Boost	✓
Processor cache type	L3	HP Imagepad	✓
Memory		HP Security tools	Trusted Platform Module (Firmware TPM) support
Internal memory *	16 GB	HP segment	Home
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium Polymer (LiPo)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	70 Wh
Graphics		Fast charging	✓
Discrete GPU manufacturer	NVIDIA	Fast charging time (50%)	30 min
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Power	
Discrete graphics card memory	6 GB	AC adapter power	135 W
Discrete graphics memory type	GDDR6	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓		
Discrete graphics card *	✓		
Audio			
Audio system	DTS:X Ultra		
Built-in speaker(s)	✓		

Audio		Power	
Number of built-in speakers	2	AC adapter input voltage	100 - 240 V
Built-in microphone	✓	USB Type-C charging port *	✓
Number of microphones	2	USB Power Delivery	✓
Camera		Security	
Front camera	✓	Trusted Platform Module (TPM)	✓
Front camera resolution	1280 x 720 pixels	Password protection	✓
Front camera HD type	HD	Password protection type	BIOS, Power on, User
Network		Sustainability	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Sustainability compliance	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Sustainability certificates	ENERGY STAR
Antenna type	2x2	Weight & dimensions	
WLAN controller manufacturer	Realtek		
Ethernet LAN	✓	Width	357,9 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	255 mm
Bluetooth	✓	Height	23,5 mm
		Weight *	2,29 kg
		Packaging data	
		Package width	69 mm
		Package depth	520 mm
		Package height	305 mm

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