



**OMEN by HP 17-cm2130nd Intel® Core™ i7 i7-13700HX Laptop
43.9 cm (17.3") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black**

Brand : HP

Product family: OMEN by HP

Product code: 7N436EA#ABH

Product name : 17-cm2130nd



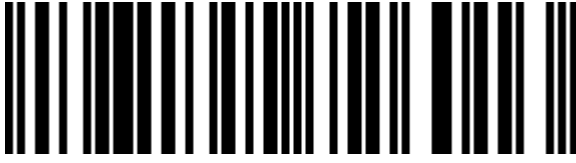
OMEN by HP 17-cm2130nd. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700HX, Processor frequency: 2.1 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black

Design		Network	
Colour name	Shadow black cover and base, shadow black aluminum keyboard frame	Antenna type	2x2
Product type *	Laptop	WLAN controller model	Intel Wi-Fi 6E AX211
Product colour *	Black	WLAN controller manufacturer	Intel
Form factor *	Clamshell	Ethernet LAN	✓
Market positioning	Gaming	Ethernet LAN data rates	10,100,1000 Mbit/s
Introduction year	2023	Bluetooth	✓
Original brand name	HP	Bluetooth version	5.3
		MIMO	✓
		MIMO type	Multi User MIMO
		Cabling technology	10/100/1000Base-T(X)
Display		Ports & interfaces	
Display diagonal *	43.9 cm (17.3")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display resolution *	2560 x 1440 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Quad HD	HDMI version	2.1
Panel type	IPS	Mini DisplayPorts quantity	1
LED backlight	✓	Thunderbolt 3 ports quantity	1
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display bezel technology	Micro-Edge	USB Sleep-and-Charge	✓
Display brightness	300 cd/m ²	USB Sleep-and-Charge ports	2
Display diagonal (metric)	43.9 cm		
RGB colour space	sRGB	Performance	
Colour gamut	100%	Motherboard chipset	Intel HM770
Low Blue Light technology	✓	Temperature sensor	✓
Display response rise/fall	3 ms	Keyboard	
Maximum refresh rate	165 Hz	Pointing device	Touchpad
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel® Core™ i7		
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-13700HX		

Processor		Keyboard	
Processor cores	16	Keyboard backlit colour	RGB
Processor threads	24	Full-size keyboard	✓
Processor boost frequency	5 GHz	Keyboard layout	QWERTY
Processor frequency *	2.1 GHz	Software	
Processor cache	30 MB	Operating system installed *	Windows 11 Home
Processor cache type	Smart Cache	Processor special features	
Bus type	DMI4	Intel Flex Memory Access	✓
Configurable TDP-down	45 W	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		CPU configuration (max)	1
Internal memory *	16 GB	Embedded options available	✗
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	4800 MHz	Intel Virtualization Technology (VT-x)	✓
Memory form factor	SO-DIMM	Brand-specific features	
Memory layout (slots x size)	2 x 8 GB	HP Audio Boost	✓
Memory slots	2x SO-DIMM	HP speaker type	HP Dual Speakers
Memory slots (available)	2	HP Smart AC Adapter	✓
Number of free internal memory expansion slots	2	HP Imagepad	✓
Memory data transfer rate	4800 MT/s	HP front camera	HP Wide Vision HD
ECC	✗	HP segment	Home
Non-ECC	✓	Battery	
Storage		Battery technology	Lithium Polymer (LiPo)
Total storage capacity *	1 TB	Number of battery cells	6
Storage media *	SSD	Battery capacity *	83 Wh
Total SSDs capacity	1 TB	Battery life (max)	5.25 h
Number of SSDs installed	1	Continuous video playback time	6.5 h
SSD capacity	1 TB	Fast charging	✓
SSD memory type	TLC	Fast charging time (50%)	30 min
SSD interface	PCI Express	Battery weight	315 g
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	330 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✓	AC adapter input voltage	100 - 240 V
Compatible memory cards	SD	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, Power on, User
On-board graphics card *	✓	Sustainability	
Discrete graphics card *	✓	Sustainability certificates	EPEAT Silver
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	397.1 mm
Audio		Depth	262 mm
Audio system	B&O PLAY	Height	27 mm
Built-in speaker(s)	✓	Weight *	2.78 kg
Number of built-in speakers	2	Packaging data	
Speakers manufacturer	Bang & Olufsen	Package width	69 mm
Built-in microphone	✓	Package depth	624 mm
Number of microphones	2	Package height	345 mm
Camera		Package weight	5.45 kg
Front camera	✓	Packaging content	
Front camera HD type	HD	Keyboard included	✓
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		

NetworkMobile network connection * ✘**Other features**

Number of speakers 2



0197192726013



197192726013

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.