



**OMEN by HP 16-wf1084nd Intel® Core™ i7 i7-14700HX Laptop
40.9 cm (16.1") Full HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Home Black**

Brand : HP

Product family: OMEN by HP

Product code: 9U5U7EA#ABH

Product name : 16-wf1084nd

OMEN by HP 16-wf1084nd. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14700HX, Processor frequency: 2.1 GHz. Display diagonal: 40.9 cm (16.1"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 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



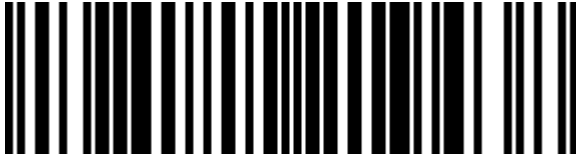
Design		Audio	
Colour name	Shadow black aluminum	Built-in microphone	✓
Product type *	Laptop	Number of microphones	2
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	Full HD
Introduction year	2024	Privacy camera	✓
Intel® vPro™ Platform Eligibility	✗	Privacy type	Privacy shutter
Original brand name	HP	Network	
Display		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal *	40.9 cm (16.1")	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1080 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD	WLAN controller model	Intel Wi-Fi 7 BE200
Panel type	IPS	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display bezel technology	Micro-Edge	Bluetooth version	5.4
Display brightness	300 cd/m ²	Cabling technology	10/100/1000Base-T(X)
Display diagonal (metric)	40.9 cm	Ports & interfaces	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Low Blue Light technology	✓	HDMI ports quantity *	1
Display response rise/fall	7 ms	HDMI version	2.1
Maximum refresh rate	165 Hz	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel® Core™ i7 (14th gen)		
Processor model *	i7-14700HX		

Processor		Ports & interfaces	
Processor cores	20	USB Sleep-and-Charge	✓
Processor threads	28	USB Sleep-and-Charge ports	3
Processor boost frequency	5.5 GHz	Performance	
Processor frequency *	2.1 GHz	Motherboard chipset	Intel HM770
Performance cores	8	Temperature sensor	✓
Efficient cores	12	Keyboard	
Performance-core Max Turbo Frequency	5.5 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.9 GHz	Numeric keypad *	✗
Performance-core base frequency	2.1 GHz	Keyboard backlit	✓
Efficient-core base frequency	1.5 GHz	Keyboard backlit zone	4-zone RGB
Processor cache	33 MB	Full-size keyboard	✓
Processor cache type	L3	Keyboard layout	QWERTY
Processor base power	55 W	Keyboard colour name	Shadow black
Maximum turbo power	157 W	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	Brand-specific features	
Internal memory type	DDR5-SDRAM	HP Audio Boost	✓
Memory clock speed	5600 MHz	HP speaker type	HP Dual Speakers
Memory form factor	SO-DIMM	HP Smart AC Adapter	✓
Memory layout (slots x size)	2 x 16 GB	HP Imagepad	✓
Memory slots	2x SO-DIMM	HP front camera	HP TrueVision FHD
Memory slots (available)	2	HP segment	Home
Memory data transfer rate	5600 MT/s	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)	6.25 h
Number of SSDs installed	1	Continuous video playback time	8 h
SSD capacity	1 TB	Fast charging	✓
SSD memory type	TLC	Fast charging time (50%)	30 min
SSD interface	PCI Express	Power	
NVMe	✓	AC adapter power	280 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Graphics		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Security	
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on, User
On-board GPU manufacturer	Intel	Sustainability	
Discrete graphics card *	✓	Sustainability compliance	✓
On-board graphics card family	Intel® UHD Graphics	Sustainability certificates	ENERGY STAR, EPEAT Gold
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	369 mm
Audio		Depth	259.4 mm
Audio system	DTS:X Ultra	Height	23.5 mm
Built-in speaker(s)	✓	Weight *	2.39 kg
Number of built-in speakers	2	Packaging data	
		Package width	69 mm
		Package depth	552 mm
		Package height	345 mm
		Package weight	4.28 kg

Packaging content

Stylus pen





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