

HP OMEN 16-wf0507na Intel® Core™ i7 i7-13700HX Laptop 40.9 cm (16.1") Quad HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : HP Product family: OMEN Product code: 878R7EA

Product name: 16-wf0507na

- Intel® Core™ i7-13700HX (up to 5.0 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores. 24 threads)
- Windows 11 Home
- 40.9 cm (16.1") diagonal QHD display
- NVIDIA® GeForce RTX™ 4080 Laptop GPU (12 GB GDDR6 dedicated)

16

Processor cores

- 32 GB memory; 1 TB SSD storage

OMEN Gaming Laptop 16-wf0507na, Windows 11 Home, 16.1", Intel® Core™ i7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4080, QHD, Shadow black

HP OMEN 16-wf0507na Intel® Core™ i7 i7-13700HX Laptop 40.9 cm (16.1") Quad HD 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Black:

Enjoy powerful fun anywhere.

The OMEN 16 inch gaming laptop is ready to go wherever you are. Enjoy desktop-level power with a 13th Gen Intel® $Core^{TM}$ processor^[1] and a modern NVIDIA® graphics card, both regulated by enhanced internal cooling. The screen is equally impressive with high resolution, smooth framerates, and anti-glare features.







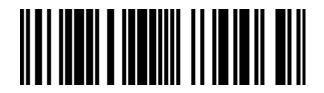




Design		Network	
Colour name Product type * Product colour * Form factor *	Shadow black cover and base, shadow black aluminum keyboard frame, black chrome logo Laptop Black Clamshell	Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version Cabling technology	10,100,1000 Mbit/s 5.3 10/100/1000Base-T(X)
Market positioning Introduction year	Gaming 2023 Paint finish cover and base,	Ports & interfaces USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product design Original brand name	anodized keyboard frame	Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version	1 1 2.1
Display Display diagonal * Display resolution * Touchscreen * HD type Panel type Native aspect ratio Anti-glare screen Display bezel technology Display brightness Display diagonal (metric) RGB colour space Colour gamut	40.9 cm (16.1") 2560 x 1440 pixels	Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Charging port type USB Type-C DisplayPort Alternate Mode USB Power Delivery USB Sleep-and-Charge USB Sleep-and-Charge Performance Motherboard chipset Temperature sensor	2 V USB Type-C V Intel HM770 V
Display response rise/fall	3 ms	Keyboard	
Maximum refresh rate Processor	240 Hz	Pointing device Numeric keypad *	Touchpad ×
Processor manufacturer * Processor family * Processor generation Processor model *	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13700HX	Keyboard backlit Keyboard backlit zone Full-size keyboard Keyboard colour name	✓ 4-zone RGB ✓ shadow black

Processor		Software	
Processor threads Processor boost frequency Processor cache type Bus type Configurable TDP-down	24 5 GHz L3 DMI4 45 W	Pre-installed software	ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; Xbox Game Pass 1-month free trial
Memory		Trial software	25 GB Dropbox storage for 12 months
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Processor special features	
Memory clock speed	4800 MHz	CPU configuration (max)	1
Memory layout (slots x size)	2 x 16 GB		-
Memory slots (available) Number of free internal memory	2	Brand-specific features HP Audio Boost	,
expansion slots	2	HP speaker type	✓ HP Dual Speakers
Storage		HP Imagepad	✓
Total storage capacity * Storage media * Total SSDs capacity	1 TB SSD 1 TB	HP Security tools	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support HP Support Assistant; HP
Number of SSDs installed SSD capacity	1 1 TB	HP Software provided	Connection Optimizer; OMEN Gaming Hub; myHP
SSD memory type	TLC	HP segment HP GTIN (EAN/UPC)	Home 197497684469
SSD interface	PCI Express		197497004409
NVMe SSD form factor	√ M.2	Battery	
Optical drive type *	X	Battery technology Number of battery cells	Lithium Polymer (LiPo) 6
Graphics		Battery capacity *	83 Wh
Discrete GPU manufacturer	NVIDIA	Battery life (max)	4.5 h
Discrete graphics card model *	NVIDIA NVIDIA GeForce RTX 4080	Continuous video playback time	4.5 h
Discrete graphics card memory	12 GB	Fast charging	✓
Discrete graphics memory type	GDDR6	Fast charging time (50%)	30 min
On-board graphics card *	✓	Power	
On-board GPU manufacturer	Intel ✓	AC adapter power	280 W
Discrete graphics card * On-board graphics card family	Intel® UHD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® UHD Graphics	AC adapter input voltage	100 - 240 V
NVIDIA G-SYNC	✓	Security	
Audio		Trusted Platform Module (TPM) Password protection	4
Audio system	B&O PLAY	Password protection type	BIOS, Power on, User
Built-in speaker(s)	✓	Sustainability	2.00, 1 0.110. 0.11, 0.00.
Number of built-in speakers	2	Sustainability certificates	EPEAT Silver, ENERGY STAR
Speakers manufacturer	Bang & Olufsen	Sustainability certificates	Ocean-bound plastic in speaker
Camera			enclosure(s) and bezel; Keyboard
Front camera	√	Sustainable technologies and	mechanism made from agriculture waste; Recycled metal in keyboard
Front camera HD type	Full HD	materials	frame; Keyboard keycaps and scissors contain post-consumer
Network			recycled plastic
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Weight & dimensions	
Wi-Fi standards Mobile network connection *	Wi-Fi 6E (802.11ax) ★	Width	369 mm
Antenna type	2x2	Depth	259.4 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height	23.5 mm
WLAN controller manufacturer	Intel	Weight *	2.39 kg
		Packaging data	
		Package width	69 mm 552 mm
		Package depth Package height	345 mm
		Package weight	4.28 kg
		Packaging content	
		Stylus pen	×
		•	

Logistics data	
Harmonized System (HS) code	8471300000
Other features	
Number of speakers	2





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