



HP OMEN 16-u0004na Intel® Core™ i7 i7-13700HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : HP

Product family: OMEN

Product code: 877A0EA

Product name : 16-u0004na

- 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
 - 40.6 cm (16") diagonal WUXGA display
 - NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
 - 16 GB memory; 1 TB SSD storage
- OMEN Transcend Laptop 16-u0004na, Windows 11 Home, 16", Intel® Core™ i7, 16GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4060, WUXGA, Shadow black

[HP OMEN 16-u0004na Intel® Core™ i7 i7-13700HX Laptop 40.6 cm \(16"\) WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E \(802.11ax\) Windows 11 Home Black:](#)

Expanded screen, expanded world.

Ditch the scroll and take control with the OMEN Transcend by HP 16.1" gaming laptop's new expansive 16:10 screen, 13th Gen Intel® Core™ Processor¹¹, and NVIDIA® GeForce RTX™ 40 Series graphics card. It also has an upgraded FHD camera, so you can finally retire the blur.



Design

Colour name	Shadow black magnesium-aluminum cover and keyboard frame, ceramic white aluminum base
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2023
Product design	Paint finish cover and keyboard frame, sandblasted anodized base
Original brand name	HP

Display

Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✓
Display bezel technology	Micro-Edge
Display brightness	400 cd/m ²
Display diagonal (metric)	40.6 cm
RGB colour space	sRGB
Colour gamut	100%
Display response rise/fall	3 ms
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7

Network

Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.3
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
USB Sleep-and-Charge	✓
USB Sleep-and-Charge ports	3

Performance

Motherboard chipset	Intel HM770
Temperature sensor	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	4-zone RGB
Full-size keyboard	✓
Keyboard colour name	shadow black

Processor		Software	
Processor model *	i7-13700HX	Pre-installed software	1 month trial for new Microsoft 365 customers, McAfee Online Protection 30-day trial; Xbox Game Pass 1-month free trial
Processor cores	16		
Processor threads	24	Trial software	25 GB Dropbox storage for 12 months
Processor boost frequency	5 GHz		
Processor cache type	L3	Operating system installed *	Windows 11 Home
Bus type	DMI4		
Configurable TDP-down	45 W	Processor special features	
Memory		CPU configuration (max)	1
Internal memory *	16 GB	Brand-specific features	
Internal memory type	DDR5-SDRAM	HP Audio Boost	✓
Memory clock speed	4800 MHz	HP speaker type	HP Dual Speakers
Memory layout (slots x size)	2 x 8 GB	HP Imagepad	✓
Memory slots (available)	2	HP front camera	HP Webcam FHD IR
Number of free internal memory expansion slots	2	HP Security tools	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Storage		HP Software provided	HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; myHP
Total storage capacity *	1 TB	HP segment	Home
Storage media *	SSD	HP GTIN (EAN/UPC)	197497674590
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium Polymer (LiPo)
SSD capacity	1 TB	Number of battery cells	4
SSD memory type	TLC	Battery capacity *	70 Wh
SSD interface	PCI Express 4.0	Battery life (max)	7.75 h
NVMe	✓	Continuous video playback time	10 h
SSD form factor	M.2	Fast charging	✓
Optical drive type *	✗	Fast charging time (50%)	30 min
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	230 W
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, Power on, User
On-board graphics card family	Intel® UHD Graphics	Sustainability	
On-board graphics card model *	Intel® UHD Graphics	Sustainability compliance	✓
NVIDIA G-SYNC	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio		Sustainable technologies and materials	
Audio system	B&O PLAY	Keyboard mechanism made from agriculture waste; Keyboard keycaps and scissors contain post-consumer recycled plastic; Ocean-bound plastic in bezel, inner frame and speaker enclosure(s); Recycled metal in base and hinge cap(s)	
Built-in speaker(s)	✓	Weight & dimensions	
Number of built-in speakers	2	Width	356.5 mm
Speakers manufacturer	Bang & Olufsen	Depth	269 mm
Camera		Height	19.9 mm
Front camera	✓	Weight *	2.16 kg
Front camera HD type	Full HD	Packaging data	
Infrared (IR) camera	✓	Package width	69 mm
Network		Package depth	552 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package height	345 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package weight	3.97 kg
Mobile network connection *	✗	Packaging content	
Antenna type	2x2	Stylus pen	✗
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Ethernet LAN	✓		

Logistics data

Harmonized System (HS) code	8471300000
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Other features

Number of speakers	2
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