



# HP OMEN 16-u0004na Intel® Core™ i7 i7-13700HX Laptop 40.6 cm (16") 2K 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, 2K, Shadow black

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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™ Processor<sup>11</sup>, and NVIDIA® GeForce RTX™ 40 Series graphics card. It also has an upgraded FHD camera, so you can finally retire the blur.



165Hz

Design		Network	
Colour name	Shadow black magnesium-aluminum cover and keyboard frame, ceramic white aluminum base	Ethernet LAN	✓
Product type *	Laptop	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.3
Market positioning	Gaming	Cabling technology	10/100/1000Base-T(X)
Introduction year	2023	Ports & interfaces	
Product design	Paint finish cover and keyboard frame, sandblasted anodized base	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Original brand name	HP	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	40.6 cm (16")	HDMI version	2.1
Display resolution *	1920 x 1200 pixels	Thunderbolt 4 ports quantity	2
Touchscreen *	✗	Intel® Thunderbolt 4	✓
HD type	2K	Combo headphone/mic port	✓
Panel type	IPS	Charging port type	USB Type-C
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	USB Power Delivery	✓
Display bezel technology	Micro-Edge	USB Sleep-and-Charge	✓
Display brightness	400 cd/m <sup>2</sup>	USB Sleep-and-Charge ports	3
Display diagonal (metric)	40.6 cm	Performance	
RGB colour space	sRGB	Motherboard chipset	Intel HM770
Colour gamut	100%	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	Keyboard backlit colour	RGB
Processor generation	13th gen Intel® Core™ i7	Keyboard backlit zone	4-zone RGB
		Full-size keyboard	✓

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

**Packaging content**

Stylus pen	✘
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**Logistics data**

Harmonized System (HS) code	8471300000
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**Other features**

Number of speakers	2
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