



# HP OMEN Transcend 16-u1078nd Intel® Core™ i7 i7-14700HX Laptop 40.6 cm (16") WQXGA 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

**Product code:** 9U5U3EA#ABH

**Product name :** Transcend 16-u1078nd

HP OMEN Transcend 16-u1078nd. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-14700HX, Processor frequency: 2.1 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 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

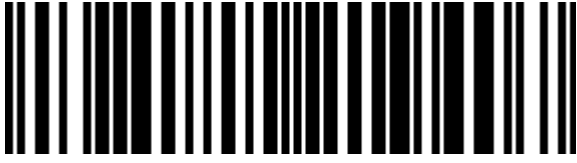
<b>Design</b>		<b>Audio</b>	
Colour name	Shadow black aluminum	Built-in speaker(s)	✓
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Market positioning	Gaming	<b>Camera</b>	
Introduction year	2023	Front camera	✓
Original brand name	HP	Front camera HD type	Full HD
<b>Display</b>		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	Privacy camera	✓
Display resolution *	2560 x 1600 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	<b>Network</b>	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	UWVA	Wi-Fi standards	Wi-Fi 7 (802.11be)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display glass type	Edge to Edge Glass	WLAN controller model	Intel Wi-Fi 7 BE200
Display bezel technology	Micro-Edge	WLAN controller manufacturer	Intel
Display brightness	400 cd/m <sup>2</sup>	Ethernet LAN	✓
Display diagonal (metric)	40.6 cm	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Low Blue Light technology	✓	Cabling technology	10/100/1000Base-T(X)
Display response rise/fall	0.2 ms	<b>Ports &amp; interfaces</b>	
Maximum refresh rate	240 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
High Dynamic Range (HDR) supported	✓	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 500	HDMI ports quantity *	1
<b>Processor</b>		HDMI version	2.1
Processor manufacturer *	Intel		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor family *	Intel® Core™ i7	Thunderbolt 4 ports quantity	2
Processor generation	Intel® Core™ i7 (14th gen)	Intel® Thunderbolt 4	✓
Processor model *	i7-14700HX	Combo headphone/mic port	✓
Processor cores	20	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	28	USB Sleep-and-Charge	✓
Processor boost frequency	5.5 GHz	USB Sleep-and-Charge ports	3
Processor frequency *	2.1 GHz	<b>Performance</b>	
Performance cores	8	Motherboard chipset	Intel HM770
Efficient cores	12	Ambient light sensor	✓
Performance-core Max Turbo Frequency	5.5 GHz	Temperature sensor	✓
Efficient-core Max Turbo Frequency	3.9 GHz	<b>Keyboard</b>	
Performance-core base frequency	2.1 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.5 GHz	Numeric keypad *	✗
Processor cache	33 MB	Keyboard backlit	✓
Processor cache type	L3	Keyboard backlit zone	4-zone RGB
Processor base power	55 W	Full-size keyboard	✓
Maximum turbo power	157 W	Keyboard layout	QWERTY
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	<b>Brand-specific features</b>	
Memory clock speed	5600 MHz	HP Audio Boost	✓
Memory layout (slots x size)	2 x 16 GB	HP speaker type	HP Dual Speakers
Memory slots	2x SO-DIMM	HP Imagepad	✓
Memory slots (available)	2	HP segment	Home
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	6
Total SSDs capacity	1 TB	Battery capacity *	97 Wh
Number of SSDs installed	1	Battery life (max)	5.5 h
SSD capacity	1 TB	Continuous video playback time	7.75 h
SSD interface	PCI Express 4.0	Fast charging	✓
NVMe	✓	Fast charging time (50%)	30 min
SSD form factor	M.2	<b>Power</b>	
Optical drive type *	✗	AC adapter power	230 W
<b>Graphics</b>		AC adapter frequency	50 - 60 Hz
Discrete GPU manufacturer	NVIDIA	AC adapter input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA GeForce RTX 4060	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	<b>Security</b>	
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	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel® UHD Graphics	Width	356.5 mm
NVIDIA G-SYNC	✓	Depth	269 mm
<b>Audio</b>		Height	19.9 mm
Audio system	DTS:X Ultra	Weight *	2.24 kg
		<b>Packaging data</b>	
		Package width	69 mm
		Package depth	552 mm
		Package height	345 mm
		Package weight	3.97 kg

**Packaging content**

Stylus pen





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