



HP OMEN Transcend 16-u0190nd Intel® Core™ i9 i9-13900HX Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : HP

Product family: OMEN

Product code: 832J0EA#ABH

Product name : Transcend 16-u0190nd

HP OMEN Transcend 16-u0190nd. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900HX, Processor frequency: 2.2 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

Design		Network	
Colour name	Shadow black magnesium-aluminum cover and keyboard frame, ceramic white aluminum base	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6E AX211
Market positioning	Gaming	WLAN controller manufacturer	Intel
Introduction year	2023	Ethernet LAN	✓
Original brand name	HP	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.3
Display resolution *	2560 x 1600 pixels	Cabling technology	10/100/1000Base-T(X)
Touchscreen *	✗	Ports & interfaces	
HD type	WQXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	UWVA	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display bezel technology	Micro-Edge	Intel® Thunderbolt 4	✓
Display brightness	1180 cd/m²	Combo headphone/mic port	✓
Display diagonal (metric)	40.6 cm	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	DCI-P3	USB Sleep-and-Charge	✓
Colour gamut	100%	USB Sleep-and-Charge ports	3
Low Blue Light technology	✓	Performance	
Display response rise/fall	7 ms	Motherboard chipset	Intel HM770
Maximum refresh rate	240 Hz	Ambient light sensor	✓
Processor		Temperature sensor	✓
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i9	Pointing device	Touchpad

Processor		Keyboard	
Processor generation	13th gen Intel® Core™ i9	Numeric keypad *	✗
Processor model *	i9-13900HX	Keyboard backlit	✓
Processor cores	24	Full-size keyboard	✓
Processor threads	32	Keyboard layout	QWERTY
Processor boost frequency	5.4 GHz	Keyboard colour name	Shadow black
Processor frequency *	2.2 GHz	Software	
Processor cache	36 MB	Operating system installed *	Windows 11 Home
Processor cache type	L3	Processor special features	
Bus type	DMI4	Intel Flex Memory Access	✓
Configurable TDP-down	45 W	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		CPU configuration (max)	1
Internal memory *	32 GB	Embedded options available	✗
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	5600 MHz	Intel Virtualization Technology (VT-x)	✓
Memory form factor	SO-DIMM	Brand-specific features	
Memory layout (slots x size)	2 x 16 GB	HP Audio Boost	✓
Memory slots	2x SO-DIMM	HP speaker type	HP Dual Speakers
Memory slots (available)	2	HP Imagepad	✓
Number of free internal memory expansion slots	2	HP front camera	HP TrueVision FHD IR
Storage		HP segment	Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	1 TB	Number of battery cells	6
Number of SSDs installed	1	Battery capacity *	97 Wh
SSD capacity	1 TB	Battery life (max)	5.75 h
SSD memory type	TLC	Continuous video playback time	6.75 h
SSD interface	PCI Express 4.0	Fast charging	✓
NVMe	✓	Fast charging time (50%)	30 min
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	280 W
Graphics		AC adapter frequency	50 - 60 Hz
Discrete GPU manufacturer	NVIDIA	AC adapter input voltage	100 - 240 V
Discrete graphics card model *	NVIDIA GeForce RTX 4070	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
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 certificates	EPEAT Silver
NVIDIA G-SYNC	✓	Weight & dimensions	
Audio		Width	356.5 mm
Audio system	B&O PLAY	Depth	269 mm
Built-in speaker(s)	✓	Height	19.9 mm
Number of built-in speakers	2	Weight *	2.16 kg
Speakers manufacturer	Bang & Olufsen	Packaging data	
Built-in microphone	✓	Package width	69 mm
Number of microphones	2	Package depth	552 mm
Camera		Package height	345 mm
Front camera	✓	Package weight	3.97 kg
Front camera HD type	Full HD		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		

Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Stylus pen	✘
		Other features	
		Number of speakers	2



0197497355956



197497355956

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.