

OMEN Transcend Laptop 16-u0002ns (836P9EA)



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^[1], and NVIDIA® GeForce RTX™ 40 Series graphics card. It also has an upgraded FHD camera, so you can finally retire the blur.



Expand your world with new 16:10 display

Less scrolling and more playing with our new 16:10 screen with next gen vibrancy and a high refresh rate.

Live life in next gen performance mode

A next gen processor and graphics card that will easily power all your gaming and non-gaming needs.

Retire the blur with our upgraded camera

Turn wherever you are into a professional studio with our new FHD webcam.

Featuring

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way. ^[2]

Extend beyond performance to let your PC do even more at once

Offering more than just a performance score. 13th Gen Intel® Core™ Processors advance real-world computing and deliver more ultra-efficient multi-tasking. ^[3]

Beyond Fast

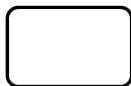
NVIDIA® GeForce RTX™ 40 Series GPUs are beyond fast. Powered by the NVIDIA Ada Lovelace architecture which delivers a leap in both performance and AI-powered graphics. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming. ^[4]

Wide Quad Extended Graphics Array Display

Get lost in the captivating definition with 2560 × 1600 pixels. ^[5]

Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.



Specifications

Operating system	Windows 11 Home
Product color	Shadow black magnesium-aluminum cover and keyboard frame, ceramic white aluminum base
Processor family	13th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-13700HX (up to 5.0 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores, 24 threads) [6,7]
Chipset	Intel® HM770
Memory	32 GB DDR5-4800 MHz RAM (2 x 16 GB)
Internal Storage	1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD
Product design	Paint finish cover and keyboard frame, sandblasted anodized base
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	40.6 cm (16") diagonal, WQXGA (2560 x 1600), 240 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB
Display	16" diagonal, WQXGA (2560 x 1600), 240 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Bang & Olufsen; DTS:X® Ultra; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	35.65 x 26.9 x 1.99 cm
Minimum dimensions (W x D x H)	14.04 x 10.59 x 0.78 in
Weight	Starting at 2.09 kg
Weight	Starting at 4.62 lb
Keyboard	Full-size, per key RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology
Pointing device	HP Imagepad
Input devices	Ambient light sensor; IR thermal sensor
Camera	HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones
Ports	1 USB Type-A 5Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 HDMI 2.1; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo ^[19,42]
Package dimensions (W x D x H)	6.9 x 55.2 x 34.5 cm
Package weight	3.97 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) ^[12,46]
Power supply type	230 W Smart AC power adapter
Battery type	6-cell, 97 Wh Li-ion polymer ([23])
Battery life	Up to 6 hours and 45 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]
Sustainable impact specifications	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)
Security management	Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Software included	McAfee Online Protection 30-day trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	197497370065

Top Recommended Displays, Accessories and Services

OMEN by HP Displays

OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J4AA
OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs	780J5AA
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G5AA
OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s	780G6AA
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K6AA
OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c	780K7AA

HyperX Cloud Wireless Headset SC

HyperX Cloud III Wireless - Gaming Headset	77Z46AA
HyperX Cloud III Wireless - Gaming Headset	77Z45AA

HyperX Cloud Headsets SC

HyperX Cloud III - Gaming Headset (Black/Red)	727A9AA
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HyperX Cloud Earbuds SC

HyperX Cloud Earbuds II RED	705L8AA
HyperX Cloud Earbuds II Black	70N24AA

HyperX Cirro Buds SC

HyperX Cirro Buds Pro Black	727A5AA
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HyperX QuadCast Microphones SC

HyperX QuadCast S - USB Microphone (Black-Grey) - RGB Lighting	4P5P7AA
HyperX QuadCast - USB Microphone (Black-Red) - Red Lighting	4P5P6AA
HyperX QuadCast S - USB Microphone (White-Grey) - RGB Lighting	519P0AA

HyperX Pulsefire Haste Mice SC

HyperX Pulsefire Haste 2 - Wireless Gaming Mouse (Black)	6N0B0AA
HyperX Pulsefire Haste 2 - Wireless Gaming Mouse (White)	6N0A9AA
HyperX Pulsefire Haste 2 - Gaming Mouse (Black)	6N0A7AA

HyperX Alloy Origins Keyboards SC

HyperX Alloy Origins 60 - Mechanical Gaming Keyboard - HX Red (US Layout)	4P5N4AA
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HyperX Alloy Rise SC

HyperX Alloy Rise 75 - Gaming Keyboards	7G7A4AA
HyperX Alloy Rise - Gaming Keyboards	7G7A3AA

Messaging Footnotes

[1] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance. Intel and the Intel logo are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

[2] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

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[5] WQXGA content is required to view WQXGA images.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[3] Windows MobileMark 18 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018-v1-5/> for additional details.

[5] Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[12] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[24] Must activate within 180 days of Windows activation.

[42] For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.

[46] Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

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