

ProductSheet
OMEN Transcend Laptop 14-fb0001nc (A85Y4EA)



Get the one that games

Experience a blend of premium design and high performance with our ultra-thin, lightweight all-metal device. Enjoy long-lasting battery life, USB-C™ fast charge, and up to an Intel® Core™ Ultra Processor[2], NVIDIA® GeForce RTX™ 40 Series graphics, and 2.8K 120Hz OLED[1] display. Ideal for all computing needs, including gaming.



Go farther, play longer, create better

Lightweight design, advanced cooling, 71Wh battery, USB-C™ Fast Charge for gaming and creating on the go.[3]

Less AI talk, more AI performance

Intel® Core™ Ultra Processor[2], NVIDIA® GeForce RTX™ 40 series GPUs with AI DLSS3.5, ray tracing - no vague promises, just performance.

Your best work deserves the best display

Experience 3D rendering, video editing, AAA gaming in full color and clarity - 2.8K 120Hz OLED, 0.2ms response, 100% DCI-P3.[1]

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. [5]

Game without compromise. Go beyond performance with Intel Core Ultra Processors.

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors. [6]

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. [7]

Your Ideas, Accelerated

NVIDIA Studio platform supercharges your creative process. Our industry-leading RTX GPUs, paired with our exclusive driver technology, enhance your creative apps with a level of performance and ability that is nothing short of inspiring.

IMAX Enhanced Certified

IMAX Enhanced certified devices meet strict performance standards across viewing mode, resolution, color, brightness, contrast, and sonic fidelity. [8]



Specifications

Operating system	Windows 11 Home
Product color	Ceramic white aluminum
Processor family	Intel® Core™ Ultra 9 processor
Processor	Intel® Core™ Ultra 9 185H (up to 5.1 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads) [6,7]
Chipset	Intel® integrated SoC
Memory	32 GB LPDDR5x-7467 MHz RAM (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ Performance M.2 SSD
Product design	Sandblasted anodized finish
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 4060 Laptop GPU (8 GB GDDR6 dedicated)
Display	35.6 cm (14") diagonal, 2.8K (2880 x 1800), OLED, 48-120 Hz, 0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3
Display size (diagonal)	35.6 cm (14")
Audio	DTS:X® Ultra; HyperX; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	31.3 x 23.35 x 1.69 cm (front); 31.3 x 23.35 x 1.79 cm (rear)
Weight	1.63 kg
Keyboard	Full-size, per key RGB backlit, ceramic white keyboard and 26-Key Rollover Anti-Ghosting Key technology
Pointing device	HP Imagepad
Input devices	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 10Gbps signaling rate (HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone combo; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge)[19,42]
Package dimensions (W x D x H)	8 x 38 x 28 cm
Package weight	3.82 kg
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card[12,46]
Power supply type	140 W USB Type-C® power adapter
Battery type	6-cell, 71 Wh Li-ion polymer ([23])
Battery life	Up to 8 hours and 15 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
Energy star certified	ENERGY STAR® certified
Special features	IMAX Enhanced certified
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic
Security management	Trusted Platform Module (Firmware TPM) support
Pre-installed software	Intel® Unison™
Software included	1-month Adobe free trial offer; Xbox Game Pass 1-month free 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	198415761859
Manufacturer Warranty	2 year (2/2/0) limited warranty includes 2 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

- [1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- [2] 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.
- [3] 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. Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- [5] 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>.
- [6] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
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- [8] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

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] MobileMark 25 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-25/> 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.
- [6] 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.
- [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] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
- [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® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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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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