OMEN by HP Transcend 14 inch Gaming Laptop PC 14-fb0023dx

Built to Game Made to Create

With ultra portability, a brilliant 3K, 120Hz OLED display, and new Intel® Core™ Ultra processor with NVIDIA® GeForce RTX™ 40 series graphics, game and create at your absolute best, anywhere.

Product overview

- **Go Farther, Play Longer, Create Better:** With a world-leading lightweight all-metal design, state of the art cooling, and 71 Wh battery with USB-C® Fast Charge, whether you're on campus, traveling, or simply on-the-go, the OMEN Transcend 14 allows you to freely game or create at your best from anywhere, longer
- **Less AI Talk, More AI Performance:** AI is the hot new marketing buzzword, but with the new Intel® Core™ Ultra processor with AI-enhanced power efficiency and multithreading, as well as NVIDIA® RTX™ graphics with AI-powered DLSS 3.5, ray tracing, and Dynamic Booster, ours isn't some vapid AI promise, we put performance where our mouth is.
- **Your Best Work Deserves the Best Display:** Whether you are rendering 3D models, editing videos/photography, or doing your first playthrough in that new AAA game you've been waiting years for, our new 3k, 120HZ, VRR, OLED display with 0.2 ms response time and 100% DCI-P3 ensures you won't miss a single pixel, shadow, highlight, or color.[20]
- **Co-op at It's Best:** We've partnered with HyperX to not only bring you the most vibrant laptop keyboard on the market with our new lattice-less RGB keyboard with Pudding-inspired keycaps, but also audio that's been thoroughly tested and tuned for increased gaming immersion. Co-op really doesn't get any better than this.
- **We're In This Together:** Using recycled materials both in our packaging and laptops, in addition to increased power efficacy, we are helping to build a better future for play.

Key specifications

- **Operating system:** Windows 11 Home[1]
- **Processor:** Intel® Evo™ Edition platform powered by Intel® Core™ Ultra 9 185H[2b]
- **Display:** 14-inch diagonal, 3K (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, 1,000,000:1[20]
- **Memory:** 32 GB LPDDR5x-7467 MHz RAM (onboard)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ Performance M.2 SSD[15]
- **Graphics:** NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated)[13]
- **Sound:** HyperX with dual speakers
- **Wireless:** Wi-Fi 6E (2x2)[19c] and Bluetooth® 5.3 wireless card[25][26] (supporting gigabit data rate)[7e]
- **Camera:** HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones[89][89b]
- **Product weight:** 3.60 lb[76]
- **Keyboard:** Full-size, 4-zone RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology

Product features

- **Get a fresh perspective with Windows 11:** 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.[1]
- **Intel® Evo™:** The Intel® Evo™ platform brings together the perfect combination of performance, responsiveness, battery life and stunning visuals in a new class of laptops. These designs are verified by Intel® for an exceptional laptop experience, anywhere.
- **Go anywhere, do anything with an Intel® Core™ Ultra 9 processor:** Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with an Intel® Core™ Ultra 9 processor.
- **NVIDIA® GeForce RTX™ 4070:** The NVIDIA® GeForce RTX™ 4070 graphics are beyond fast for gamers and creators. Experience lifelike virtual worlds, ultra-high FPS gaming, revolutionary new ways to create, and unprecedented workflow acceleration.
- **3K OLED display:** With technology that lights each pixel separately, an OLED display brings deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens. 2880 x 1800 resolution delivers stunning details and lifelike colors.
- **OLED with VESA DisplayHDR 500 True Black Certification:** A VESA DisplayHDR 500 True Black certified display with pixel dimming that presents true black color, high contrast, and low blue light to experience richer, deeper colors with 4K HDR support for amazing picture quality.[12][36]
- **Eyesafe® Certified display:** Protects your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.
- **DCI-P3 color space:** Get deeper hues and more accurate colors with a wider color gamut than sRGB and that more closely represents colors as they are in the real world.
- **IMAX Enhanced Certified:** Enjoy brighter images, immersive, heart-pounding audio, and experience premium content digitally remastered by IMAX on your device.
- **Flicker-free:** Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.[61]

Additional product features

- **HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.[72]
- **Effortlessly connected:** Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.[19c][25][26]
- **HP True Vision FHD IR camera:** Log in safely through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.[89]
- **Thunderbolt™ 4 with USB Type-C®:** The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.[37][43]
- **PCIe® NVMe™ Performance M.2 SSD:** With high-speed data transfer, the PCIe® Gen4 NVMe™ Performance M.2 SSD offers lightning fast speed and efficient storage.
- **HyperX Audio with dual speakers:** HyperX Audio gives a pristine audio experience that accents the dynamic sounds of gaming and beyond.
- **LPDDR5x RAM:** Designed to run efficiently and reliably at faster speeds, LPDDR5x is the latest RAM standard. With higher bandwidth, you get more of a boost in performance.
- **Four Zone RGB Keyboard:** Backlight 4 independent zones with different RGB lighting. WASD keys are outlined to highlight key controls.
- **Enjoy 1-month of high-quality games.** Use the Xbox App to play hundreds of high-quality PC games with friends including new day one titles and get an EA Play membership. With games added all the time, you always have something new to play. Xbox Game Pass Ultimate also enables you to play console games on your Windows PC with cloud gaming, and chat with friends across PC, mobile, and Xbox console.[60]

Product design

- **OMEN Tempest Cooling Technology:** Stay cool under pressure with the advanced laptop thermal solution. 3-sided venting and 5-way airflow ensure optimal system stability and performance when gameplay heats up.
- **HP Imagepad with multi-touch gesture:** This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.
- **Micro-edge display:** See more of your screen with a micro-edge display that maximizes your viewing area.

Created with the planet in mind

HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.

OMEN by HP Transcend 14 Gaming Laptop PC is built with the future in mind, using environmentally conscious and recycled materials.

- Up to 45% recycled plastic with 5% ocean-bound plastic in bezel and speaker enclosures
- Up to 50% post-consumer recycled plastic in keyboard caps and scissors
- Up to 50% recycled metal in cover, base, keyboard deck, hinge caps
- Packaged with 100% sustainably sourced FSC certified, plastic-free packaging
- ENERGY STAR® certified[62]
- EPEAT® Gold with Climate+[27a]

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:
- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

Support Options:
- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.[56]
- **Online Support:** For technical support with this product, visit HP Customer Support http://support.hp.com.[9]
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.[9]

Specifications

Operating system	• Windows 11 Home[1]
Processor	• Intel® Evo™ Edition platform powered by Intel® Core™ Ultra 9 185H[2b] • 16-Core
Processor speed	• Up to 5.1 GHz with Intel® Turbo Boost Technology[2g]
Processor cache	• 24 MB L3 cache
Memory	• 32 GB LPDDR5x-7467 MHz RAM (onboard)
Video graphics	• NVIDIA® GeForce RTX™ 4070 Laptop GPU (8 GB GDDR6 dedicated)[13]
Internal storage	• 1 TB PCIe® Gen4 NVMe™ Performance M.2 SSD[15]
Finish and features	• Top cover: shadow black aluminum with a sandblasted anodized finish • Keyboard deck: shadow black aluminum with a sandblasted anodized finish
Camera	• HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones[89][89b]
Display	• 14-inch diagonal, 3K (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, 1,000,000:1[20] • Variable Refresh Rate support • IMAX Enhanced certified
Screen to body ratio	• 83.7%[40]
Wireless connectivity	• Wi-Fi 6E (2x2)[19c] and Bluetooth® 5.3 wireless card[25][26] (supporting gigabit data rate)[7e]
Sound	• HyperX with dual speakers
Integrated keyboard	• Full-size, 4-zone RGB backlit, shadow black keyboard and 26-Key Rollover Anti-Ghosting Key technology • HP Imagepad
External notebook ports	• 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge)[42][48][50][51][64] • 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge)[42][50][64] • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge)[64] • 1 USB Type-A 10Gbps signaling rate • 1 Headphone/microphone combo • 1 HDMI 2.1
Dimensions	• **Unpackaged:** 12.32 in (W) x 9.19 in (D) x 0.67 in (front) - 0.71 in (hinge) (H) • **Packaged:** 14.96 in (L) x 3.15 in (W) x 11.02 in (H)
Weight	• **Unpackaged:** 3.60 lb[76] • **Packaged:** 8.44 lb
Power	• 6-cell, 71 Wh Li-ion polymer battery[21] • 140 W USB Type-C® power adapter[42]
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com[9] • 1-year limited technical support for software and initial setup (from date of purchase)[53]

Software and technology

Help and support	• **HP Support Assistant:** Included with your computer, this free self-help tool makes it easier than ever to get help with your HP PC and printers.[56] • **myHP:** Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly.
Security and protection	• **HP BIOS Protection:** Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.[23]
Partner offers	• **Dropbox cloud storage:** Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.[9][22] • **1-month of Xbox Game Pass Ultimate included:** Unlimited access to over 100 high-quality PC games for 1-month.[60] • **McAfee 30-day trial:** Secure your privacy and data when browsing on public Wi-Fi with VPN, included in your free McAfee 30-day trial.[8][9]
System performance	• **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[9]
Work and lifestyle	• **AI Noise Removal:** Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • **Intel® Unison™:** Unlock your connected world. Intel® Unison™ effortlessly connects your PC and choice of phone for a universal, easy to use experience. Now with UniFeed, Universal Control, and Device Support, Unison™ connects you further. • **Otter.ai:** Record, transcribe, and summarize your meetings with Otter.ai. With Otter.ai, an AI assistant can record audio, write notes, automatically capture slides, and generate meeting summaries so that you can save time and stay organized.
Gaming and entertainment	• **OMEN Gaming Hub:** Your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OMEN Gaming Hub elevates play in an easy and simple way. • **DTS: X® Ultra technology:** By producing authentic, spatially accurate 3D sound, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible.

Additional information

Product number	• 9Q5L1UA#ABA
Ad embargo date	• 03/03/2024
UPC Code	• 197961885811
Country of origin	• China
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 39.56 in (H) • **Total weight:** 895 lb • **Layers:** 3 • **Products per layer:** 34

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