HP Spectre x360 16 inch 2-in-1 Laptop PC 16-f2023dx

Uncompromised connection

The HP Spectre x360 16 inch 2-in-1 helps you look your best thanks to the 5MP camera that keeps you in-frame and well-lit. It's packed with clever features that protect your well-being and your privacy.

Product overview

- **Show yourself in your best light:** You're at your best when you're looking your best. With HP GlamCam, an intelligent 5MP camera that provides backlight adjustment, auto frame and appearance filter, you can keep your focus on what you're saying, not what you look like.
- **Helps protect well-being:** This 2-in-1 laptop helps protect your well-being by alerting you when it's time to take a break or you're too close to the screen with a screen time reminder and screen distance reminders. It also helps protect your privacy with walk away recognition, attention tracking, shoulder surfing protection, privacy camera shutter, mute mic button and built-in fingerprint reader. Plus keep your eyes comfortable with adaptive color and Eyesafe® Certified low blue light panels.
- **Boosts productivity:** Settle for perfection. Get it all done with remarkable specs, like a taller display for more viewing area and less scrolling, plus the latest Intel® processor and long battery life for all the power you can handle.
- **Because little things make a big difference:** Better feels better. Opening the sustainable packaging is just the first sign that you've made an eco-friendly choice. Containing ocean-bound plastic, recycled aluminum, EPEAT® Gold and ENERGY STAR® ratings, you can feel like you made a difference, along with a great choice.

Key specifications

- **Operating system: Windows 11 Home**[1]
- **Processor:** Intel® Evo™ platform powered by 13th Generation Intel® Core™ i7-1360P[2b]
- **Display:** 16-inch diagonal, UHD+ (3840 x 2400), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light
- **Memory:** 16 GB DDR4-3200 MHz RAM (onboard)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ M.2 SSD[15][58e]
- **Graphics:** Intel® Arc™ A370M Graphics (4 GB GDDR6 dedicated)
- **Sound:** Audio by Bang & Olufsen with quad speakers
- **Battery life:**
  Up to 10 hours and 30 minutes (mixed usage)[85]
  Up to 14 hours and 30 minutes (video playback)[75]
- **Wireless:** Wi-Fi 6E (2x2)[19c] and Bluetooth® combo[26] (supporting gigabit data rate)[7e]
- **Camera:** HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones[89][89b]
- **Security:** Fingerprint reader
- **Product weight:** 4.74 lb[76]
- **Keyboard:** Full-size, backlit, nightfall black keyboard
- **Included:**
  HP Rechargeable MPP2.0 Tilt Pen
  HP Protective Sleeve

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]
- **Extend beyond performance to let your PC do even more at once:** Offering more than just a performance score. This 13th Gen Intel® Core™ Processor advances real-world computing and delivers more ultra-efficient multi-tasking.
- **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.
- **Intel® Arc™ A370M graphics:** Unleash your imagination with new Intel® Arc™ graphics solutions, hardware, software, and services. All built to help you game, create, and stream—without limits.
- **UHD+ touchscreen display:** The spectacular 3840 x 2400 resolution delivers your content in jaw-dropping quality with true-to-life definition and 178-degree wide-viewing angles. And with touch, you can control your PC right from the screen.[20]
- **Corning® Gorilla® Glass NBT™:** Stands up to all the daily abuse a touch screen takes. Help reduce accidental damage with strong, more durable protection than most displays.
- **Flicker-free:** Using DC Dimming technology, we can eliminate screen flickering for more comfortable viewing.[61]
- **VESA DisplayHDR True Black Certification:** Pixel dimming presents true black color, high contrast, and low blue light that makes it easier on your eyes to experience richer, deeper colors with 4K HDR support for amazing picture quality.[12][36]
- **Delta E<2 color accuracy:** Revel in brighter moments with the ultimate color accuracy. Delta E <2 improves color accuracy to give you the truest, lifelike imagery with no distortion for all your creative needs.

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]
- **Fingerprint reader:** Seamlessly log in to your device in any position with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.[9]
- **All-in-One Keyboard:** Control your privacy, security and multimedia with the touch of a button. With all your hotkeys in one area, seamlessly navigate with no distractions.
- **Microphone mute:** Dedicated microphone mute button with an LED indicator light.
- **HP True Vision 5MP IR camera with camera shutter:** Video chat with peace of mind with a privacy camera you can close when not in use. The infrared sensor gives you the added security of Windows Hello for a safer way to log in to your computer.[89]
- **PCIe® NVMe™ SSD storage:** Get up to 12.8x faster performance than a SATA SSD.[58e]
- **An exceptionally rich audio experience:** With HP Quad Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.
- **HP Rechargeable MPP 2.0 Tilt Pen included:** Create naturally with no interruptions. Improved latency and greater sensitivity allow you smoothly transition between colors for finer details while you write, draw and edit on any of your devices.

Product design

- **360° geared hinge:** Innovatively engineered to rotate 360 degrees so that you can use your device in four positions.
- **Backlit keyboard:** Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.
- **Detects when to hibernate:** Your laptop automatically detects when placed in a carrying bag and goes into hibernation to prevent battery drain and overheating.
- **91% screen to body ratio:** Revolutionize your display and see more of what you love with this slim bezel design. Enjoy an immersive multimedia experience with a maximized 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.

- Built with the environment in mind, this laptop is designed using sustainable materials like:
  · Ocean-bound plastic in bezel and speaker enclosures[63c]
  · Keyboard keycaps made with post-consumer recycled plastic[63b]
  · Keyboard mechanism includes agriculture waste[63a]
  · Cover, base and keyboard deck made from recycled metal[63d]
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.[63e]
- ENERGY STAR® certified[62]
- EPEAT® Gold registered[27]

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]

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Specifications

Operating system	• Windows 11 Home[(1)]
Processor	• Intel® Evo™ platform powered by 13th Generation Intel® Core™ i7-1360P[(2b)] • 12-Core
Processor speed	• Up to 5.0 GHz with Intel® Turbo Boost Technology[(2g)]
Processor cache	• 18 MB L3 cache
Memory	• 16 GB DDR4-3200 MHz RAM (onboard)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• Intel® Arc™ A370M Graphics (4 GB GDDR6 dedicated)
Internal storage	• 1 TB PCIe® Gen4 NVMe™ M.2 SSD[(15)(58e)]
Finish and features	• Top cover: nightfall black aluminum with a sandblasted finish • Keyboard deck: nightfall black aluminum with a sandblasted finish
Camera	• HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones[(89)(89b)]
Display	• 16-inch diagonal, UHD+ (3840 x 2400), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3, 1,000,000:1[(20)]
Screen to body ratio	• 91.0%[(40)]
Wireless connectivity	• Wi-Fi 6E (2x2)[(19c)] and Bluetooth® 5.3 wireless card[(25)(26)] (supporting gigabit data rate)[(7e)]
Digital media	• 1 Micro SD media card reader
Sound	• Audio by Bang & Olufsen with quad speakers
Integrated keyboard	• Full-size, backlit, nightfall black keyboard • HP Imagepad
External notebook ports	• 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)[(42)(50)(51)(64)] • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge)[(64)] • 1 Headphone/microphone combo • 1 AC smart pin • 1 HDMI 2.1
Dimensions	• **Unpackaged:** 14.09 in (W) x 9.66 in (D) x 0.78 in (H) • **Packaged:** 16.97 in (L) x 5.35 in (W) x 12.99 in (H)
Weight	• **Unpackaged:** 4.74 lb[(76)] • **Packaged:** 9.66 lb
What's in the box	• HP Rechargeable MPP2.0 Tilt Pen • HP Protective Sleeve
Security	• Fingerprint reader • All-in-One Keyboard: Support power button, HP hotkey, camera shutter key, mic mute key, and fingerprint reader in keyboard area.
Power	• 6-cell, 83 Wh Li-ion polymer battery[(21)] • 135 W Smart AC power adapter
Battery life	• Up to 10 hours and 30 minutes (mixed usage)[(85)] • Up to 14 hours and 30 minutes (video playback)[(75)]
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

Help and support	• **myHP:** myHP provides a simple setup and registration experience that welcomes you to your new HP PC. 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. • **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)]
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)] • **Fingerprint reader:** Securely log in with a touch of your finger.[(9)]
Partner offers	• **Adobe Offer:** Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need.[(88a)] • **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)] • **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[(8)]
System performance	• **HP Display Control – Auto Color:** HP Display Control lets you choose a color space preset for true color accuracy when web browsing, editing photos or watching videos. The new Auto Color setting will select the best color space automatically based on the application you're using. • **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[(9)] • **HP Command Center:** This simple utility puts you in control, allowing you to optimize and customize performance while supporting modes help to maximize your PC's efficiency.
Work and lifestyle	• **HP Adaptive Color:** Easy on the eyes - Adaptive Color automatically adjusts display color and brightness based on your environment for more comfortable viewing. To ease eye strain, the display shows a cooler light when it's daytime and gets warmer when the sun goes down. • **HP Enhanced Lighting:** Easily enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app. • **Duet® for HP:** Use your tablet, phone, or another PC as a secondary display to expand your working space.[(18)] • **HP GlamCam:** Focus on what you're saying, not your looks with camera enhancements and Auto Frame that keeps you centered, in focus, and free to move around. Backlight adjustment brings the right amount of lighting to your face when moving from room to room. • **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 and enjoy the freedom to work across operating systems. Intel® Unison™ seamlessly connects your PC and devices for a universal, easy to use experience.[(90)]
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.

Additional Information

Product number	• 7H101UA#ABA
Ad embargo date	• 02/11/2023
UPC Code	• 197192366936
Country of origin	• China
Pallet information	• **Dimensions:** 43.74 in (L) x 38.39 in (W) x 44.07 in (H) • **Total weight:** 555.6 lb • **Layers:** 3 • **Products per layer:** 18

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