HP Spectre x360 13.5 inch 2-in-1
Laptop PC 14-ef2013dx

Look great, sound great anywhere

Masterfully crafted to combine the performance you need with the stunning design you want, this 2-in-1 laptop with tent, and tablet mode delivers on all levels. From audio-visual excellence to the latest technology, this sleek machine is all ready to go when you are.

Product overview
- Dynamic premium video experience: When you go live, you want to look your best. So turn it on for HP Presence qualified Appearance Filter, Backlight Adjustment, Auto Frame, and Auto light reduction for the best, most productive calls. It also supports a physical camera shutter for privacy, because when you’re on, you’re on, and when you’re not, you’re not.
- Latest technology: This powerful machine comes with a 13th Gen Intel® Core™ i7 processor and a 3:2 aspect ratio for a taller screen so you can see more.20 Unlike your ideas and devices, it’s one seamless ecosystem with Intel® Evo™ technology. With the 360° geared hinge you can use it as a laptop, flip it around to use it as a tablet or put it in tent mode to stream away.
- Because little things make a big difference: Crafted from recycled aluminum and ocean-bound plastics, this 2-in-1 laptop is EPEAT® Gold Certified and ENERGY STAR® rated so you can feel like you made a difference, along with a great experience.

Key specifications
- Operating system: Windows 11 Home
- Processor: Intel® Evo™ platform powered by 13th generation Intel® Core™ i7-1355U
- Display: 13.5-inch diagonal, WQXGA+ (2560 x 1600), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light
- Memory: 16 GB LPDDR4x-4266 MHz RAM (onboard)
- Internal storage: 512 GB PCIe® Gen4 NVMe™ M.2 SSD
- Graphics: Intel® Iris® Xe graphics
- Sound: Audio by Bang & Olufsen with quad speakers
- Wi-Fi 6E (2x2) Wi-Fi® 6E and Bluetooth® 5.3 wireless card
- Security: Fingerprint reader
- Camera: HP True Vision 5MP IR camera with camera shutter, temporal noise reduction, integrated dual-array digital microphone ( supporting gigabit data rate)
- Display: 360° geared hinge:
- Security: Fingerprint reader
- Camera: HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual-array digital microphone
- Processor weight: 3.01 lb
- Keyboard: Full-size, backlit, nightfall black keyboard

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.24
- 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.
- Exceptional experience, anywhere: Intel® Evo™ brings you a premium thin and light laptop experience with an ideal combination of performance, consistent responsiveness, and long-lasting battery. Enjoy built-in intelligence features like noise suppression, so you can collaborate seamlessly and confidently.
- Intel® Iris® Xe graphics: Impressive performance for creating, gaming, and entertainment. A new level of graphics performance and crisp, stunning visuals — with the convenience of a thin & light laptop.
- 30% brighter display enabled by HP’s unique touch screen technology lets you control your PC right from the screen. And transform your content with 1920 x 1200 resolution and 178-degree wide-viewing angles.
- 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.
- Eyesafe® Certified Display: Eyesafe® certified displays meet TUV 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.
- Delta E-2 color accuracy: Reveals in brighter moments with the ultimate color accuracy. Delta E < 2 improves color accuracy to give you the faithful, lifetime imagery with no distortion for all your creative needs.
- HP Fast Charge: Go from 0 to 50% charge in approximately 45 minutes.
- PCIe® NVMe™ SSD storage: Get up to 12.8x faster performance than a SATA SSD.
- Wi-Fi 6E: Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6 and Bluetooth 5 wireless cards.

Additional product features
- 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.
- 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.20
- 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.20
- 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.26

Product design
- 360° geared hinge: Ingeniously engineered to rotate 360 degrees so that you can use your device in four positions.
- 96% 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.
- Backlit keyboard: Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in all environments.

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
  - Keyboard keycaps made from post-consumer recycled plastic
  - Keyboard mechanism includes agriculture waste
  - Cover, base, keyboard deck and hinge caps made from recycled metal
  - HP’s outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable
  - ENERGY STAR® certified
  - EPEAT® Gold registered

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 - HPUSA: Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.24
  - Online Support: For technical support with this product, visit HP Customer Support http://support.hp.com.24
  - 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/HSFsupport, and Facebook at facebook.com/HSFsupport.
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Specifications

Operating system • Windows 11 Home1)
Processor • Intel® Evo™ platform powered by 13th Generation Intel® Core™ i5-1355U2)
• 10-Core
Processor speed • Up to 4.8 GHz with Intel® Turbo Boost Technology3)
Processor cache • 12 MB
Memory • 16 GB 2933 MT/s DDR4-2666 MHz RAM (onboard)

Accessible memory slots • Memory slot not user accessible

Video graphics • Intel® Iris® Xe Graphics 1)
Internal storage • 512 GB PCIe® M.2 NVMe SSD2)

Finish and features • Top cover: nightfall black aluminum with sandblasted finish
• Keyboard: nightfall black aluminum with sandblasted finish

Cameras • HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones2)

Display • 13.5-inch diagonal, WUXGA+ (1500 x 1280), multitouch-enabled, 85%, edge-to-edge glass, micro-edge, anti-reflection, Corning® Gorilla® Glass® NBT™, Low Blue Light, 400 nits, 100% sRGB color gamut

Screen to body ratio • 90.1%2)

Wireless connectivity • Wi-Fi 6E (2x2)43) and Bluetooth® 5.3 wireless card44) (supporting gigabit data rate)2)

Digital media • 1 Micro SD media card reader

Sound • Audyssey by Bang & Olufsen with equal speakers

Integrated keyboard • Full-size, backlit, nightfall black finish

External notebook ports • 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPortTM 4.1, Wi-Fi 6E, 2 Thunderbolt™ 4 DisplayPort™ 2.1, 1 USB Type-A 10Gbps signaling rate HP Sleep and Charge45), 1 headphone/microphone combo

Dimensions • Unpacked: 13.7 x 11.4 x 0.58 in (347 x 290 x 14.8 mm)
• Packaged: 15.15 x 11.63 x 1.9 in (385 x 296 x 48.7 mm)

Weight • Unpacked: 3.09 lb (1.4 kg)
• Packaged: 5.72 lb

Security • Fingerprint reader
• All-in-One Keyboard: Support button power, HP Hotkey, camera shutter key, mic mute key, and fingerprint reader in keyboard area.

Power • 4-cell 66 Wh Li-ion polymer battery3)
• 65 W USB Type-C® power adapter3)

Warranty and support • 1-year limited hardware warranty. Additional information available at www.support.hp.com3)
• 1-year technical support for software and initial setup (from date of purchase)

Software

Help and support • myHP: HP 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 get real, on-demand support.
• HP Support Assistant: Included with your computer, the free self-help tool makes it easier than ever to get help with your HP PC and printers.3)

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.6)
• Fingerprint reader: Securely log in with a touch of your finger.

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.8)

Dropbox Cloud Storage: Get Dropbox Plus for 1 year of cloud storage for your content online with Dropbox. Get 100GB of storage for 1 year of access, manage, and share your photos, music, and files from anywhere with Internet access.6)

Maelve LifeSafe: Protect your operating system with a free 30-day Maelve LifeSafe trial9)

System performance • HP Command Center: Customize performance, fan speed and noise, and external temperature—all to meet your needs.
• 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.10)
• HP Connections: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.10)

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: Easy enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app.
• Dust for HP: Use your tablet, phone, or another PC as a secondary display to expand your working space.
• 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 gets the right amount of lighting to your face when moving from a bright surface to a dark surface.
• AI Noise Removal: Artificial intelligence technology automatically removes background noise for cleaner and more natural voice, chat, audio, 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.11)

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 • 7PD27UA#ABA
Ad embark date • 04/02/2023
UPC Code • 197150181016
Country of origin • China

Dimensions • 0.74 x 11.39 x 8.20 in (19.0 x 290 x 208 mm)
• Weight: 4.62 lb
• Layers: 1
• Products per layer: 54

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1) Not all features are available in all editions or versions of Windows. Systems may require upgrading or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. HP may apply over time updates similar to or different than the function or features shown. See www.windows.com. 2) Multi-core is designed to improve performance of certain software products and not necessarily to improve the performance of any other function. Not all customers will see performance benefits from this product. 3) Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. 4) Internet access required and not included. Subscription required after 30 day trial period. Maelve LifeSafe and the Maelve logo are trademarks of Maelve Inc., in the U.S. and other countries. 5) HP Enhanced Lighting is a software application and requires software and online support to function and be used. Availability of Wi-Fi 6E depends on configuration. See intel.com/technology/turboboost for more information. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. 6) McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. 7) Requires compatible system. 8) Requires compatible system. 9) McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. 10) Requires compatible system. 11) Requires compatible system.