HP ENVY 16 inch Laptop PC
16-h1010nr

Power your ideas wherever they take you

To stay up and creating on the run, you need power, mobility and seamless connectivity between all your creative tools.

Product overview

- **Create seamlessly:** Easily transfer any file to almost any device to your PC without cables, clouds, thumb drives, or hassle with Intel® Unison™.[90] While Duet® for HP opens up your workspace and workflow by connecting your tablet, phone, or another PC as a second display.
- **Your ideas deserve the best:** With all the power and tools you need to realize your most creative ideas. With the 16 inch color calibrated display, you get accurate, brilliant colors. It has the latest Intel® processor and graphics so it can handle what you throw at it.
- **Show your best self:** When you go live, you want to look your best. So turn it on for the 5MP camera with Auto Frame, and AI noise reduction. It also features a physical camera shutter for privacy, because when you're on, you're on, and when you're not, you're not.
- **Because little things make a big difference:** Containing ocean-bound plastic, recycled aluminum and EPEAT® Gold & ENERGY STAR® ratings, make 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™ i7-13700H[2b]
- **Display:** 16-inch diagonal, WQXGA (2560 x 1600), multitouch-enabled, 48-120 Hz, IPS, edge-to-edge glass, micro-edge, Low Blue Light
- **Memory:** 16 GB DDR5-5200 MHz RAM (2 x 8 GB)
- **Internal storage:** 512 GB 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 15 minutes (mixed usage)[85]
  Up to 16 hours and 45 minutes (video playback)[75]
  Up to 13 hours (wireless streaming)[80]
- **Wireless:** Wi-Fi 6E (2x2)[19c] and Bluetooth® 5.3 wireless card[25][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]
- **Product weight:** 5.17 lb[76]
- **Keyboard:** Full-size, backlit, natural silver 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.[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™:** Unleash your imagination with Intel® Evo™. Spend more time creating and accelerate content creation tasks with cutting edge media and AI capabilities.
- **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.
- **WQXGA resolution:** Wide Quad Extended Graphics Array is a display resolution of 2560 × 1600 pixels with a 16:10 aspect ratio.
- **Eyesafe® Certified Display:** Protects your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.
- **100% sRGB:** Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and accuracy.
- **Flicker-free:** Using DC Dimming technology, we can eliminate screen flickering for more comfortable viewing.[61]
- **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]

Additional product features

- **All-in-One Keyboard:** Control your privacy, security and multimedia hotkeys in one area.
- **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]
- **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.[12][43]
- **PCIe® NVMe™ SSD storage:** Get up to 12.8x faster performance than a SATA SSD.[58e]
- **An exceptionally rich audio experience:** HP Quad Speakers, HP Audio Boost, and expert tuning by Bang & Olufsen bring audio perfection to your PC.

Product design

- **Optimized metal design:** Streamlined, metal design delivers a thinner, lighter PC with greater durability.
- **88.7% 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 comfortably even in darker 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.

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 the speaker enclosures and bezel[63c]
  · Keyboard keycaps and scissor switches contain post-consumer recycled plastic[63j]
  · 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]

Extend your coverage:
- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1-844-814-1800 to get started.[95]
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/carepack-services or call toll-free at 1-877-232-8009.[83]

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Specifications

Operating system	• **Windows 11 Home**[1]
Processor	• Intel® Evo™ platform powered by 13th Generation Intel® Core™ i7-13700H[2b] • 14-Core
Processor speed	• Up to 5.0 GHz with Intel® Turbo Boost Technology[2g]
Processor cache	• 24 MB L3 cache
Memory	• 16 GB DDR5-5200 MHz RAM (2 x 8 GB)
Accessible memory slots	• 2
Video graphics	• Intel® Arc™ A370M Graphics (4 GB GDDR6 dedicated)
Internal storage	• 512 GB PCIe® Gen4 NVMe™ M.2 SSD[15][58e]
Finish and features	• Top cover: natural silver aluminum with a sandblasted anodized finish • Keyboard deck: natural silver aluminum with a sandblasted anodized finish • Logo: polished chrome
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, WQXGA (2560 x 1600), multitouch-enabled, 48-120 Hz, IPS, edge-to-edge glass, micro-edge, Low Blue Light, 400 nits, 100% sRGB[20] • Variable Refresh Rate support
Screen to body ratio	• 88.7%[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, natural silver 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][48][50][51][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 AC smart pin • 1 HDMI 2.1
Dimensions	• **Unpackaged:** 14.07 in (W) x 9.94 in (D) x 0.75 in (H) • **Packaged:** 23.54 in (L) x 2.72 in (W) x 13.58 in (H)
Weight	• **Unpackaged:** 5.17 lb[76] • **Packaged:** 8.18 lb
Security	• All-in-One Keyboard: Support power button, HP hotkey, Camera Shutter key, and mic mute key, in keyboard area.
Power	• 6-cell, 83 Wh Li-ion polymer battery[21] • 150 W Smart AC power adapter
Battery life	• Up to 10 hours and 15 minutes (mixed usage)[85] • Up to 16 hours and 45 minutes (video playback)[75] • Up to 13 hours (wireless streaming)[80]
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]
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 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] • **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	• 7H3N7UA#ABA
Ad embargo date	• 06/04/2023
UPC Code	• 197192395080
Country of origin	• China
Pallet information	• **Dimensions:** 47.24 in (L) x 39.37 in (W) x 48.84 in (H) • **Total weight:** 673.6 lb • **Layers:** 3 • **Products per layer:** 26
Battery regulatory data	• **Transportation or storage regulations:** Y • **UN# and proper shipping name:** UN3481 - Lithium ion batteries packed with equipment • **Number of batteries:** 1 • **Primary battery regulated material:** 310g • **Primary battery watt hours:** 83 • **Applicable CPSC regulations:** N

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