

HP ENVY Laptop 15-ep0098nr



As limitless as your imagination

Performance meets precision with the power of the ENVY 15 Laptop with an Intel® Core™ processor and NVIDIA® GeForce® graphics on a 4K display. Keep your creations private with features designed for your peace of mind.

Product overview

- **Create fast so you can share faster:** Create fast and at peak performance with an Intel® Core™ processor, NVIDIA® GeForce® graphics, plenty of storage, plus an IR sensor and hidden vents that keep your PC running cool.
- **Make every pixel count:** The bright, high definition 15-inch diagonal, micro-edge display gives you more screen to showcase and share your creations with true-to-life color and precise detail.
- **Keep it confidential:** Keep your creations under wraps until you're ready to share with peace of mind features like an unhackable camera shutter, dedicated microphone mute button and fingerprint reader.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 10th Generation Intel® Core™ i7-10750H^(2b)
- **Display:** 15.6-inch diagonal 4K UHD, UWVA, BrightView, micro-edge, AMOLED, multitouch-enabled, edge-to-edge glass⁽³⁷⁾
- **Memory:** 16 GB DDR4-2933 SDRAM (2 x 8 GB)
- **Internal storage:**
 - 512 GB Intel® SSD^(58b)
 - 32 GB Intel® Optane™ memory⁽⁵⁵⁾
- **Graphics:** NVIDIA® GeForce® RTX™ 2060 with Max-Q design (6 GB GDDR6 dedicated)^{(1)(3)(6b)}
- **Sound:** Audio by Bang & Olufsen with dual speakers
- **Battery life:**
 - Up to 6 hours and 45 minutes (mixed usage)⁽⁷⁰⁾
 - Up to 5 hours and 45 minutes (video playback)⁽⁷⁵⁾
 - Up to 4 hours and 45 minutes (wireless streaming)⁽⁸⁰⁾
- **Wireless:** Intel® Wi-Fi 6 AX 201 (2x2)^{(1)(9a)} and Bluetooth® 5 combo^(2a) (Supporting Gigabit file transfer speeds)⁽⁷⁾
- **Camera:** HP Wide Vision HD Camera with camera shutter and integrated dual array digital microphone⁽⁸⁹⁾
- **Product weight:** 4.74 lb^(7a)
- **Keyboard:** Full-size, island-style, backlit, cool gray keyboard

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.⁽¹⁾
- **10th Generation Intel® Core™ processor:** Take mobile gaming and content creation to the next-level with breakthrough performance, fast downloads and smooth streaming.⁽⁹⁾
- **NVIDIA® GeForce® RTX™ 2060:** Enjoy real-time ray tracing and all the power you need for a fast, smooth gaming experience.
- **Vapor Chamber Cooling:** Stay cool, calm and creative even under intense multi-application workloads. Vapor chamber cooling maximizes airflow two-dimensionally and minimizes hotspots, dissipating heat generated by the CPU and GPU to optimize your system's heat management during extended usage.
- **AMOLED display:** A display with pixel dimming that can present true black color and high contrast that makes it easier on your eyes to experience richer, deeper colors and 4K HDR support for amazing picture quality.⁽³⁷⁾
- **VESA Certified DisplayHDR:** Brighten your screen and stream HDR games and movies with enhanced contrast on your HDR display, creating a vivid, lifelike visual experience.^{(9)(3a)}
- **Eye comfort and protection:** Reduces harmful blue light and flickering to help improve eye comfort when working for long periods of time.
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **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.

Additional product features

- **HP Wide Vision HD Camera with camera shutter:** No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.
- **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⁾
- **Effortlessly connected:** Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5.^{(1)(9a)(1)(2a)}
- **Gigabit Wi-Fi:** Ultra-fast Wi-Fi supporting gigabit speeds.⁽⁷⁾⁽¹⁾⁽⁹⁾
- **PCIe® NVMe™ SSD storage:** Get up to 1.5x faster performance than a traditional hard drive.^(58b)
- **Intel® Optane™ Memory H10 with Solid State Storage:** Launch your most used apps at faster speeds. Accomplish more in less time with two breakthrough technologies in a single form factor while seamlessly loading heavy duty images and videos.⁽⁵⁵⁾
- **Sleek design:** Easily take this thin and light PC from room to room or on the road.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **An exceptionally rich audio experience:** HP Dual Speakers, HP Audio Boost, and expert tuning by Bang & Olufsen bring audio perfection to your PC.

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY Laptop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Silver registered⁽²⁷⁾
- Low Halogen⁽⁶¹⁾
- Mercury-free display backlights
- Arsenic-free display glass

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⁾



Audio by BANG & OLUFSEN

Specifications

Operating system	<ul style="list-style-type: none"> Windows 10 Home⁽¹⁾
Processor	<ul style="list-style-type: none"> 10th Generation Intel® Core™ i7-10750H^(2b) 6-core
Processor speed	<ul style="list-style-type: none"> 2.6 GHz base frequency, up to 5 GHz with Intel® Turbo Boost Technology^(2a)
Processor cache	<ul style="list-style-type: none"> 12 MB cache
Memory	<ul style="list-style-type: none"> 16 GB DDR4-2933 SDRAM (2 x 8 GB)
Accessible memory slots	<ul style="list-style-type: none"> 2
Video graphics	<ul style="list-style-type: none"> NVIDIA® GeForce® RTX™ 2060 with Max-Q design (6 GB GDDR6 dedicated)⁽¹³⁾⁽¹⁶⁾⁽⁸⁾
Internal storage	<ul style="list-style-type: none"> 512 GB Intel® SSD^(58b) 32 GB Intel® Optane™ memory⁽⁵⁵⁾
Finish and features	<ul style="list-style-type: none"> Top cover: Natural silver Keyboard deck: Natural silver in a sandblasted finish Logo: Chrome polish
Camera	<ul style="list-style-type: none"> HP Wide Vision HD Camera with camera shutter and integrated dual array digital microphone⁽⁸⁹⁾
Display	<ul style="list-style-type: none"> 15.6-inch diagonal 4K UHD, UWVA, BrightView, micro-edge, AMOLED, multitouch-enabled, edge-to-edge glass, 400 nits, 100% DCI-P3, 100,000:1 (3840 x 2160)⁽²⁰⁾⁽³⁷⁾ VESA True Black HDR 400⁽³⁶⁾
Screen to body ratio	<ul style="list-style-type: none"> 82%⁽⁴⁰⁾
Wireless connectivity	<ul style="list-style-type: none"> Intel® Wi-Fi 6 AX 201 (2x2)^(19a) and Bluetooth® 5 combo⁽²⁶⁾ (Supporting Gigabit file transfer speeds)⁽⁷⁾ MU-MIMO supported
Digital media	<ul style="list-style-type: none"> Micro SD media card reader
Sound	<ul style="list-style-type: none"> Audio by Bang & Olufsen with dual speakers
Integrated keyboard	<ul style="list-style-type: none"> Full-size, island-style, backlit, cool gray keyboard HP Imagepad with multi-touch gesture support
External notebook ports	<ul style="list-style-type: none"> 2 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)⁽⁴²⁾⁽⁵⁰⁾⁽¹⁾⁽⁶³⁾ 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge)⁽⁶³⁾ 1 SuperSpeed USB Type-A 5Gbps signaling rate 1 AC Smart pin 1 Headphone/microphone combo 1 HDMI 2.0a
Dimensions	<ul style="list-style-type: none"> Unpackaged: 14.09 in (W) x 9.32 in (D) x 0.73 in (H) Packaged: 20.47 in (L) x 2.72 in (W) x 12.01 in (H)
Weight	<ul style="list-style-type: none"> Unpackaged: 4.74 lb⁽⁷⁶⁾ Packaged: 7.98 lb
Security	<ul style="list-style-type: none"> Fingerprint reader All-in-One Keyboard: Support power button, HP Command Center hotkey, Camera Shutter key, Mic Mute key, and fingerprint reader in keyboard area.
Power	<ul style="list-style-type: none"> 6-cell, 83 Wh Li-ion polymer battery 200 W Smart AC power adapter

Learn more at hp.com

⁽¹⁾ 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com> ^(2b) 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, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2a) Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.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. ⁽⁷⁾ Wi-Fi supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels. ⁽⁸⁾ Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽⁹⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. ⁽¹³⁾ NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ⁽¹⁹⁾ Wireless access point and internet access required and not included. Availability of public wireless access points is limited. ^(19a) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. ^(19b) Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²²⁾ New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at www.dropbox.com. ⁽²³⁾ Detects BIOS damage and recovers last settings. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽²⁷⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. ⁽³⁶⁾ DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. HDR content required to view HDR images. See <http://displayhdr.org> for more details. ⁽³⁷⁾ 4K content required to view 4K images. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵¹⁾ Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries. ⁽⁵³⁾ Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. ⁽⁵⁵⁾ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. ⁽⁵⁶⁾ For more information visit <http://www.hp.com/go/hpsupportassistant>. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. ^(58b) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁶¹⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁶³⁾ HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality. ⁽⁶⁸⁾ NVIDIA® Max-Q Design can help reduce system heat and noise in thinner form factor PCs. Overall graphics performance may be lower than thicker graphics card alternatives that do not utilize Max-Q design. ⁽⁷⁰⁾ Windows 10 MM14 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://bpcc.com/products/mobilemark-2014/> for additional details. ⁽⁷⁵⁾ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁷⁸⁾ Recharges your battery up to 50% within 45 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. ⁽⁸⁰⁾ Battery life tested by HP using continuous Netflix video playback, Windows 10 Netflix app, 150 nits brightness, system audio level 17%, headphone attached, played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁸³⁾ Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit www.hp.com/go/carepack-services. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽⁹⁵⁾ HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OS, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. HP SmartFriend sold separately or as an add-on feature. Actual product may vary from image shown on datasheet. © Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 07/10/2020_r7 tq

Battery life	<ul style="list-style-type: none"> Up to 6 hours and 45 minutes (mixed usage)⁽⁷⁰⁾ Up to 5 hours and 45 minutes (video playback)⁽⁷⁵⁾ Up to 4 hours and 45 minutes (wireless streaming)⁽⁸⁰⁾
Warranty and support	<ul style="list-style-type: none"> 1-year limited hardware warranty. Additional information available at www.support.hp.com⁽⁹⁾ 90 days limited technical support for software and initial setup (from date of purchase)⁽⁹³⁾

Software

HP help and support	<ul style="list-style-type: none"> HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.⁽²³⁾ HP Jumpstarts: Get access to great HP solutions and learn about valuable features that come with your new HP PC. 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⁾
----------------------------	--

Books, music, photos and videos	<ul style="list-style-type: none"> Netflix: Watch movies and TV on your PC with subscription.⁽⁹⁾
--	---

Productivity and tools	<ul style="list-style-type: none"> HP Command Center: This simple utility puts you in control with customizable modes to optimize your performance. Edit and create photo and video projects in creation mode, while supporting modes help to maximize your PC's efficiency—all to meet your needs. HP QuickDrop: This bridge between your PC and mobile device lets you share mobile content right to your PC with a simple, secure Wi-Fi connection.⁽⁹⁾ HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.⁽⁹⁾ Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.⁽⁹⁾⁽²²⁾
-------------------------------	--

Security and protection	<ul style="list-style-type: none"> Fingerprint reader: Securely log in with a touch of your finger. McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾
--------------------------------	--

Additional Information

Product number	3G675UA#ABA
Ad embargo date	04/21/2020
UPC Code	194850700316
Country of origin	China
Tariff number	8471300000

Pallet information	<ul style="list-style-type: none"> Dimensions: 41.13 in (H) x 38.03 in (W) x 46.18 in (L) Total weight: 721.30 lb Layers: 3 Products per layer: 29
---------------------------	--

Battery regulatory data	<ul style="list-style-type: none"> 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
--------------------------------	--

