

HP ENVY Laptop 17-ae151nr



**Powerfully designed.
Beyond expectations.**

Fearlessly tackle everything that comes your way with a next-generation processor, an immersive 8 million pixel display, and a daring aluminum design.⁽³⁷⁾

Product overview

- **Windows 10 Home**⁽¹⁾
- **Tremendous power. Impeccable performance.** Packed with up to 16 GB RAM and an Intel® Core™ i processor, experience powerhouse speeds.
- **A front row experience from anywhere:** Lose yourself in an immersive 8 million pixel display, NVIDIA® GeForce® MX150 graphics, and audio by Bang & Olufsen.⁽³⁷⁾
- **A design that demands attention:** An aluminum chassis, full-size keyboard, and all the ports you need combine elegance and efficiency.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 8th Generation Intel® Core™ i7-8550U Processor^(2b)
- **Display:** 17.3-inch diagonal 4K⁽³⁷⁾ IPS anti-glare WLED-backlit (3840 x 2160)
- **Memory:** 16 GB DDR4 SDRAM (2 DIMM)
- **Internal storage:** 1 TB PCIe® NVMe™ M.2 Solid State Drive⁽¹⁵⁾
- **Optical drive:** DVD-Writer^(6a)
- **Graphics:** NVIDIA® GeForce® MX150 with 4 GB GDDR5 total dedicated memory with up to 8262 total graphics memory⁽¹³⁾
- **Audio:** Bang & Olufsen with dual speakers
- **Battery life:**
 - Up to 7 hours and 30 minutes (mixed usage)⁽⁷⁰⁾
 - Up to 6 hours and 45 minutes (video playback)⁽⁷⁵⁾
- **Wireless:** Intel® 802.11 b/g/n/ac (2x2)^(19a) Wi-Fi® and Bluetooth®⁽²⁶⁾ 4.2 Combo
- **Webcam:** Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones⁽⁸⁹⁾
- **Product weight:** 6.41 lb⁽⁷⁶⁾
- **Keyboard:** Full-size island-style backlit keyboard with numeric keypad

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹¹⁶⁰⁾
- **4K IPS display:** 8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.⁽³⁷⁾
- **NVIDIA® GeForce® MX150 Graphics:** Give your multimedia experience a boost over integrated graphics with fast performance and NVIDIA® Pascal™ architecture.
- **Dual 4K support:** Easily connect two external 4K displays for a more immersive experience.
- **Re-writable DVD drive:** Watch and write DVDs using the integrated optical drive.^(6b)
- **An exceptionally rich audio experience:** HP dual speakers, HP Audio Boost, and expert tuning by Bang & Olufsen bring audio perfection to your PC.
- **HP Wide Vision FHD IR camera:** Easily log in through Windows Hello and video chat with an 88-degree wide-angle field of view.⁽⁸⁹⁾
- **8th generation Intel® Core™ i processor:** Upgrade performance with smooth responsiveness, and stream premium content or even create your own.
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **PCIe SSD storage:** PCIe solid state storage with up to 17x faster performance than a traditional notebook hard drive.⁽⁵⁸⁾
- **HP Fast Charge:** Go from 0 to 90% charge in approximately 90 minutes.⁽⁷⁴⁾
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.^{(118)(19a)(26)}

Additional product features

- **Experience the advanced digital assistant, Cortana.** Utilize dual microphones and HP premium speakers to help become more productive with Cortana, and HP collaboration and conferencing solutions.⁽⁶⁰⁾
- **Leave passwords behind.** Say hello to a new way to securely login without passwords using Windows Hello.
- **Sleek design:** Easily take this thin and light PC from room to room or on the road.
- **Island-style backlit keyboard:** Work comfortably in darker environments with a full-sized keyboard and integrated numeric pad with 1.5mm key travel.
- **Dropbox cloud storage:** If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months with your HP device.⁽²²⁾
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁶⁾

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
- All HP computing products are delivered by SmartWay carriers.⁽⁶³⁾
- Recycled Packaging: Count on easy recycling every time. HP designs products and packaging that can be conveniently recycled or reused.⁽³¹⁾

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.⁽⁵⁵⁾⁽⁵⁷⁾
- **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 Forum at hp.com/go/supportforum, 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:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/cpc or call toll-free at 1.877.232.8009.⁽⁸³⁾



BANG & OLUFSEN AUDIO



Specifications

Operating system	• Windows 10 Home ⁽¹⁾
Processor	• 8th Generation Intel® Core™ i7-8550U Processor ⁽²⁾⁽³⁾ • Quad-Core
Processor speed	• 1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost ^{(2)(2)(g)}
Processor cache	• 8 MB cache
Memory	• 16 GB DDR4 SDRAM (2 DIMM)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• NVIDIA® GeForce® MX150 with 4 GB GDDR5 total dedicated memory with up to 8262 total graphics memory ⁽¹³⁾
Internal storage	• 1 TB PCIe® NVMe™ M.2 Solid State Drive ⁽¹⁵⁾
Finish and features	• HP finish in natural silver • Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones ⁽⁶⁹⁾
Optical drive	• DVD-Writer ^(6a)
Display	• 17.3-inch diagonal 4K ⁽¹⁷⁾ IPS anti-glare WLED-backlit (3840 x 2160)
Network card	• Integrated 10/100/1000 GbE LAN ⁽²⁰⁾
Wireless connectivity	• Intel® 802.11b/g/n/ac (2x2) ^(19a) Wi-Fi® and Bluetooth® ⁽²⁶⁾ 4.2 Combo
Digital media	• Multi-format digital media card reader
Audio	• Bang & Olufsen with dual speakers
Keyboard	• Full-size island-style backlit keyboard with numeric keypad
Pointing device	• HP Imagepad with multi-touch gesture support
External notebook ports	• 1 USB Type-C™ 3.1 Gen 1 (Data transfer up to 5Gb/s, DisplayPort™ 1.2, HP Sleep & Charge) ⁽⁴¹⁾⁽⁴²⁾⁽⁵⁰⁾ • 3 USB 3.1 Gen 1 (1 HP Sleep and Charge) • 1 HDMI • 1 RJ-45 • 1 Headphone-out/microphone-in combo jack
Dimensions	• Unpackaged: 0.92 in (H) x 16.38 in (W) x 11.14 in (L) • Packaged: 2.72 in (H) x 21.73 in (W) x 13.58 in (L)
Weight	• Unpackaged: 6.41 lb ⁽⁷⁶⁾ • Packaged: 10.10 lb
Security	• Kensington MicroSaver® lock slot
Power	• 90W AC adapter • 3-cell 55.8 Wh lithium-ion prismatic battery
Battery life	• Up to 7 hours and 30 minutes (mixed usage) ⁽⁷⁰⁾ • Up to 6 hours and 45 minutes (video playback) ⁽⁷⁵⁾
Warranty and support	• 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) ⁽⁵³⁾

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>⁽²⁾⁽³⁾ 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 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. ⁽²⁾ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information. ⁽³⁾ DVD-Writer does not support DVD RAM. Don't copy copyright protected materials. ⁽⁴⁾ 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. ⁽⁵⁾ Internet access required and not included. Availability of public wireless access points limited. ⁽⁶⁾ NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ⁽⁷⁾ Actual formatted capacity is less. Portion of internal storage is reserved for pre-loaded content. ⁽⁸⁾ Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ⁽⁹⁾ Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ac WLAN devices. ⁽¹⁰⁾ 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. Internet service required and not included. ⁽¹¹⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽¹²⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ⁽¹³⁾ Actual speeds may vary. ⁽¹⁴⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽¹⁵⁾ Ultra High-definition (4K) content required to view 4K images. ⁽¹⁶⁾ Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽¹⁷⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽¹⁸⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽¹⁹⁾ 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. ⁽²⁰⁾ For more information visit hp.com/go/hpsupportassistant (Link will vary outside of the U.S.) HP Support Assistant is available for Android and Windows based PCs. ⁽²¹⁾ Internet connection required for updating and connecting to HP Support. ⁽²²⁾ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽²³⁾ Some features including voice supported Cortana, inking, and Continuum require Windows 10 and more advanced hardware. See www.windows.com. Apps and pen sold separately. ⁽²⁴⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽²⁵⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽²⁶⁾ Designation based on actions to reduce transportation-related emissions. ⁽²⁷⁾ 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 <http://www.bapco.com> for additional details. ⁽²⁸⁾ Recharges your battery up to 90% within 90 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 90% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to system tolerance. ⁽²⁹⁾ Tested by HP using continuous video playback, 150 nits brightness, system audio level at 50%, player audio level at 100%, played using a Full HD 1080p video stored locally, headphone attached, wireless off, auto dimming off. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽³⁰⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽³¹⁾ 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. ⁽³²⁾ Requires an Internet connection, not included, to an HP web-enabled printer and HP ePrint account registration. For complete details, see www.hp.com/go/mobileprinting. ⁽³³⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽³⁴⁾ HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, 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. © Copyright 2017 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 the property of their respective owners. 08/29_r2 kc

Software

HP help and support	<ul style="list-style-type: none"> • HP Jumpstart: When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features. • 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⁾⁽⁵⁷⁾ • HP ePrint: Wirelessly print from anywhere, anytime, on any HP ePrint-enabled printer.^(65a)
Books, music, photos and videos	<ul style="list-style-type: none"> • CyberLink Power Media Player: Enjoy DVDs and video files with enhanced playback quality. • Netflix: Watch movies and TV online or via DVDs with subscription.⁽⁹⁾
Productivity and tools	<ul style="list-style-type: none"> • HP SureConnect 2.0: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.⁽⁹⁾ • Dropbox: Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices.⁽²²⁾ • HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. • HP Recovery Manager: Recover, restore, and create recovery media for your PC.
Security and protection	<ul style="list-style-type: none"> • HP 3D DriveGuard: Your PC's data stays safe from accidental bumps and bruises with HP 3D DriveGuard. It senses motion and locks your spinning hard drive, so a single bump won't delete your entire digital life. • HP CoolSense: Your PC auto adjusts its temperature based on usage and conditions. • McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Additional Information

Product number	• 1KT20UA#ABA
Ad embargo date	• 10/08/2017
UPC Code	• 192018054356
Country of origin	• China
Tariff number	• 8471300000
Pallet information	<ul style="list-style-type: none"> • Dimensions: 42.32 in (H) x 39.37 in (W) x 47.24 in (L) • Total weight: 912.70 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: 240g • Primary battery watt hours: 55.8 • Applicable CPSC regulations: N

