

HP Laptop 15-ef1020nr



Power through your day

Designed to keep you productive and entertained from anywhere, the HP 15-inch Laptop combines long lasting battery life with a thin micro-edge bezel design.

Product overview

- **View more, carry less:** Thin, light, and designed to travel. See more of your photos, videos and projects on a 6.5 mm micro-edge bezel display.
- **Reliable performance:** Tackle your busiest days with the performance of a reliable processor. Save more of what you love with abundant storage for all your photos, videos and documents.
- **Go longer, faster:** Long-lasting battery life and HP Fast Charge technology lets you work, watch, and stay connected all day.

Key specifications

- **Operating system:** Windows 10 Home in S mode^(1b)
- **Processor:** AMD Ryzen™ 3 3250U^(2a)
- **Display:** 15.6-inch diagonal HD, BrightView, micro-edge, WLED-backlit, touch screen⁽³³⁾
- **Memory:** 8 GB DDR4-2400 SDRAM (1 x 8 GB)
- **Internal storage:** 256 GB PCIe® NVMe™ M.2 SSD^{(15)(58b)}
- **Graphics:** AMD Radeon™ Graphics⁽¹⁴⁾
- **Battery life:**
 - Up to 9 hours and 15 minutes (video playback)⁽⁷⁵⁾
 - Up to 8 hours and 15 minutes (wireless streaming)⁽⁸⁰⁾
- **Camera:** HP TrueVision HD Camera with integrated dual array digital microphones⁽⁸⁹⁾
- **Product weight:** 3.75 lb⁽⁷⁶⁾

Product features

- **Windows 10 Home in S mode:** Experience the most secure Windows ever built with fast boot times, increased responsiveness, and added protection against phishing and malware.^(1b)
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **AMD Ryzen™ Mobile Processor:** Uplift your performance and multitask seamlessly with accelerated power and efficiency, while enjoying stunning HD visuals.
- **AMD Radeon™ graphics:** Whether it's games or movies, experience high performance for all your entertainment.
- **Sleek design:** Easily take this thin and light PC from room to room or on the road.
- **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.
- **Full-size island-style keyboard:** Work comfortably with a full-sized keyboard with integrated numeric pad
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **Wi-Fi 5 (1x1) & Bluetooth® 4.2:** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.^{(19a)(26)}
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)

Additional product features

- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **HP TrueVision HD camera:** Video chat with vibrant clarity, even in low light.⁽⁸⁹⁾
- **Dual array microphone:** Be heard clearly with two microphones and advanced noise reduction.
- **Tuned stereo speakers:** HP custom tunes the dual speaker setup in every notebook for exceptional stereo quality.

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 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:** Complimentary limited technical support including initial setup support, is available from HP via multiple contact methods for 90 (ninety) days from date of purchase.

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⁾



Specifications

Operating system	• Windows 10 Home in S mode^(1b)
Processor	• AMD Ryzen™ 3 3250U ^(2a) • Dual-Core
Processor speed	• 2.6 GHz base clock, up to 3.5 GHz max boost clock ^(2d)
Processor cache	• 1 MB L2 cache
Memory	• 8 GB DDR4-2400 SDRAM (1 x 8 GB)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• AMD Radeon™ Graphics ⁽¹⁴⁾
Internal storage	• 256 GB PCIe® NVMe™ M.2 SSD ^{(15)(58b)}
Finish and features	• Top cover: Natural silver • Keyboard deck: Natural silver with a vertical brushed pattern
Camera	• HP TrueVision HD Camera with integrated dual array digital microphones ⁽⁸⁹⁾
Display	• 15.6-inch diagonal HD, BrightView, micro-edge, WLED-backlit, touch screen, 220 nits, 45% NTSC (1366 x 768) ⁽²⁰⁾⁽³³⁾
Screen to body ratio	• 82% ⁽⁴⁰⁾
Wireless connectivity	• Realtek RTL8821CE 802.11b/g/n/ac (1x1) ^(19a) and Bluetooth® 4.2 combo ⁽²⁶⁾ • MU-MIMO supported
Digital media	• Multi-format SD media card reader
Sound	• HD Audio with stereo speakers
Integrated keyboard	• Full-size, island-style, natural silver keyboard with numeric keypad • HP Imagepad with multi-touch gesture support
External notebook ports	• 1 SuperSpeed USB Type-C® 5Gbps signaling rate ⁽⁴²⁾ • 2 SuperSpeed USB Type-A 5Gbps signaling rate • 1 Headphone/microphone combo • 1 AC Smart pin • 1 HDMI 1.4b
Dimensions	• Unpackaged: 14.11 in (W) x 9.53 in (D) x 0.78 in (H) • Packaged: 19.02 in (L) x 2.72 in (W) x 12.01 in (H)
Weight	• Unpackaged: 3.75 lb ⁽⁷⁶⁾ • Packaged: 4.87 lb
Power	• 3-cell, 41 Wh Li-ion battery • 45 W Smart AC power adapter
Battery life	• Up to 9 hours and 15 minutes (video playback) ⁽⁷⁵⁾ • Up to 8 hours and 15 minutes (wireless streaming) ⁽⁸⁰⁾

Learn more at hp.com

^(1b) 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>. Windows 10 Home in S mode works exclusively with apps from the Microsoft Store within Windows. Certain default settings, features, and apps cannot be changed. Some accessories and apps compatible with Windows 10 may not work (including some antivirus, PDF Writers, driver utilities and accessibility apps) and performance may vary, even if you switch to Windows 10 Home configuration (fee may apply). You can't switch back to Windows 10 Home in S mode. Learn more at [Windows.com/windows10SFAQ](https://www.windows.com/windows10SFAQ). ^(2a) 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. AMD's numbering is not a measurement of clock speed. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ^(2d) Max Boost clock frequency performance varies depending on hardware, software and overall system configuration. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽⁹⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. ⁽¹⁴⁾ Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(19a) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs. ⁽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. ⁽³³⁾ High-definition (HD) content is required to view high definition 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. ⁽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. ⁽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. ⁽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. ⁽⁸⁰⁾ 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. ⁽⁸⁹⁾ 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. ⁽⁹³⁾ 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. ⁽⁹⁹⁾ 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. Not all service plans cover support 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. 03/24/2020_r5 kc

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)⁽⁵³⁾
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Software

HP help and support	<ul style="list-style-type: none"> • HP Jumpstarts: Get access to great HP solutions and learn about valuable features that come with your new HP PC. • 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 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⁾
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Books, music, photos and videos	• Netflix: Watch movies and TV on your PC with subscription. ⁽⁹⁾
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Productivity and tools	• 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⁾
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Security and protection	
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Additional Information

Product number	• 9MW69UA#ABA
Ad embargo date	• 04/19/2020
UPC Code	• 194721782052
Country of origin	• China
Tariff number	• 8471300000
Pallet information	<ul style="list-style-type: none"> • Dimensions: • Total weight: 457.70 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: 210G • Primary battery watt hours: 41 • Applicable CPSC regulations: N

