

HP Laptop 15-ef2010nr



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 15.6 inch micro-edge bezel display.
- **Reliable performance:** Tackle your busiest days with the performance of a reliable processor. Save more of what you love with plenty of 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. Integrated precision touchpad with multi-touch support speeds up navigation and productivity.
- **Fingerprint reader:** Seamlessly and securely log into your device with the touch of your finger.

Key specifications

- **Operating system:** Windows 11 Home in S mode^(1a)
- **Processor:** AMD Ryzen™ 3 5300U^(2a)
- **Display:** 15.6-inch diagonal, FHD (1920 x 1080), touch, IPS, micro-edge, BrightView⁽³⁹⁾
- **Memory:** 8 GB DDR4-3200 MHz RAM (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 (video playback)⁽⁷⁵⁾
 - Up to 8 hours and 15 minutes (wireless streaming)⁽⁸⁰⁾
- **Wireless:** 802.11a/b/g/n/ac (2x2)^(19a) Wi-Fi® and Bluetooth® combo⁽²⁶⁾
- **Camera:** HP True Vision 720p HD camera with integrated dual array digital microphones⁽⁶⁹⁾
- **Product weight:** 3.75 lb⁽⁷⁶⁾

Product features

- **Windows 11 Home in S mode:** Experience the most secure Windows ever built with fast boot times, increased responsiveness, and added protection against phishing and malware.^(1a)
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **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.
- **Sleek design:** Easily take this thin and light PC from room to room or on the road.
- **AMD Ryzen™ 3 5300U Mobile Processor:** Create. Play. Work. Educate. Entertain. The possibilities are infinite. Be anywhere, go anywhere. Powers ultrathin notebooks that offer supreme performance, astonishing battery life, and modern features you need on-the-go.
- **AMD Radeon™ graphics:** Whether it's games or movies, experience high performance for all your entertainment.
- **Full-size keyboard:** Work comfortably with a full-sized keyboard with integrated numeric pad.
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **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 smooth wireless experience with a Wi-Fi 6 (2x2) and Bluetooth® combo.^{(19a)(26)}

Additional product features

- **HP True Vision HD camera:** Video chat with vibrant clarity, even in low light.⁽⁶⁹⁾
- **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.

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:
 - Keyboard keycaps made with post-consumer recycled plastics^(63b)
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.^(63e)
- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Silver 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:** 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 11 Home in S mode ^(1a)
Processor	• AMD Ryzen™ 3 5300U ^(2a) • Quad-Core
Processor speed	• Up to 3.8 GHz max boost clock ^(2d)
Processor cache	• 4 MB L3 cache
Memory	• 8 GB DDR4-3200 MHz RAM (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 True Vision 720p HD camera with integrated dual array digital microphones ⁽⁶⁹⁾
Display	• 15.6-inch diagonal, FHD (1920 x 1080), touch, IPS, micro-edge, BrightView, 250 nits, 45% NTSC ⁽²⁰⁾⁽³⁹⁾
Screen to body ratio	• 82.1% ⁽⁴⁰⁾
Wireless connectivity	• 802.11a/b/g/n/ac (2x2) ^(19a) Wi-Fi® and Bluetooth® combo ⁽²⁶⁾ • MU-MIMO supported
Digital media	• 1 Multi-format SD media card reader
Sound	• HD Audio with stereo speakers
Integrated keyboard	• Full-size, 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
Security	• Fingerprint reader
Power	• 3-cell, 41 Wh Li-ion battery ⁽²¹⁾ • 45 W Smart AC power adapter
Battery life	• Up to 9 hours (video playback) ⁽⁷⁵⁾ • Up to 8 hours and 15 minutes (wireless streaming) ⁽⁸⁰⁾
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

^(1a) 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 11 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. Windows 11 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 11 may not work (including some antivirus, PDF Writers, driver utilities and accessibility apps) and performance may vary, even if you switch out of S mode. If you switch to Windows 11, you can't switch back to S mode. Learn more at Windows.com/ SmodeFAQ. ^(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. ^(19b) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Only available in countries where Wi-Fi 6 is supported. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²¹⁾ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors. ⁽²²⁾ 100GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at dropbox.com. Internet service required and not included. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information. ⁽³⁹⁾ Full High Definition (FHD) content is required to view FHD 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 support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. ⁽⁵⁶⁾ For more information visit 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. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ^(63a) Keyboard keycaps contain post-consumer recycled plastic. Percentage contained in each component varies by product. ^(63b) 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting. ⁽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, Microsoft Edge Browser, 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 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, 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. 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 2022 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. 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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⁾ • Fingerprint reader: Securely log in with a touch of your finger. ⁽⁹⁾
Partner offers	• 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⁾
Work and lifestyle	• HP QuickDrop: Wirelessly transfer photos, videos, documents and more between your PC and mobile device. Easily snap a photo to share, send addresses for directions on-the-go, and view texts on your PC's screen. With HP QuickDrop, file transfers are easy, fast and reliable. ⁽⁹⁾

Additional Information

Product number	• 612J0UA#ABA
Ad embargo date	• 04/03/2022
UPC Code	• 196337773066
Country of origin	• China
Pallet information	• Dimensions: 41.13 in (H) x 36.77 in (W) x 46.18 in (L) • Total weight: 457.70 lb • Layers: 3 • Products per layer: 29
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: 210g • Primary battery watt hours: 41 • Applicable CPSC regulations: N

