

HP Laptop 17-by3021dx



Work, watch, and play all day

Designed for long-lasting performance this HP 17-inch laptop lets you speed through tasks and stay connected all day, with an Intel® processor and a rich HD+ display.^(33a)

Product overview

- **Responsive and reliable performance:** Surf, stream, and do so much more with a powerful Intel® Core™ processor.⁽⁹⁾ Plus, extensive quality testing ensures that your laptop keeps going ... and going.
- **Sleek. Stylish. Portable.** With a sleek and stylish design, this eye-catching laptop looks as good as it performs and is easy to take anywhere.
- **Stay Connected and Entertained:** Stay connected and entertained with a long-lasting battery with HP Fast Charge. Store more of what you love with ample storage options.

Key specifications

- **Operating system:** Windows 10 Home in S mode^(1b)
- **Processor:** 10th Generation Intel® Core™ i3-1005G1^(2b)
- **Display:** 17.3-inch diagonal, HD+ (1600 x 900), BrightView^(33a)
- **Memory:** 8 GB DDR4-2666 SDRAM (1 x 8 GB)
- **Internal storage:** 1 TB 5400 rpm SATA HDD^(4b)
- **Optical drive:** DVD-Writer^(6a)
- **Graphics:** Intel® UHD Graphics⁽¹⁴⁾
- **Battery life:**
 - Up to 7 hours and 45 minutes (video playback)⁽⁷⁵⁾
 - Up to 6 hours and 45 minutes (wireless streaming)⁽⁸⁰⁾
- **Camera:** Camera with integrated digital microphone⁽⁸⁹⁾
- **Product weight:** 5.71 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)
- **10th Generation Intel® Core™ processor:** Experience power and responsive performance to boost your productivity. Enjoy immersive entertainment and game, stream, and create content with accelerated performance.⁽⁹⁾
- **Hard drive storage:** Grow your digital collections and still have room left over.
- **Re-writable DVD drive:** Watch and write DVDs using the integrated optical drive.^(6b)
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **Liberating battery life:** Take on the day without worrying about recharging.
- **HD+ display:** Enjoy your photos, movies, and games with the crisp quality of 1.4 million pixels.^(33a)
- **Intel® UHD Graphics:** Smoothly stream content and play your favorite games.
- **Camera:** Clear, smooth video chats so you can stay in touch with the whole family.⁽⁸⁹⁾
- **HDMI out:** Transmit digital HD video and sound to an external display.

Additional product features

- **Ethernet port:** Plug in and enjoy a smooth, wired Internet experience.
- **Wi-Fi 5 (1x1) (802.11a/b/g/n/ac) & Bluetooth® 4.2:** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.^{(19a)(26)}
- **Tuned stereo speakers:** HP custom tunes the dual speaker setup in every notebook for exceptional stereo quality.
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **Full-size keyboard with integrated numeric pad:** Work comfortably with a full-sized keyboard and integrated numeric pad.

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⁾



Specifications

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| Operating system | • Windows 10 Home in S mode^(1b) |
| Processor | • 10th Generation Intel® Core™ i3-1005G1 ^(2b) • Dual-Core |
| Processor speed | • 1.2 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology ^(2g) |
| Processor cache | • 4 MB L3 cache |
| Memory | • 8 GB DDR4-2666 SDRAM (1 x 8 GB) |
| Accessible memory slots | • Memory slot not user accessible |
| Video graphics | • Intel® UHD Graphics ⁽¹⁴⁾ |
| Internal storage | • 1 TB 5400 rpm SATA HDD ^(4b) |
| Finish and features | • Top cover: Jet black with a mesh knit pattern • Keyboard deck: Jet black with a mesh knit pattern |
| Camera | • Camera with integrated digital microphone ⁽⁸⁹⁾ |
| Optical drive | • DVD-Writer ^(6a) |
| Display | • 17.3-inch diagonal, HD+ (1600 x 900), BrightView, 220 nits, 60% NTSC ^{(20)(33a)} |
| Screen to body ratio | • 76% ⁽⁴⁰⁾ |
| Network card | • Integrated 10/100/1000 GbE LAN ⁽²⁹⁾ |
| Wireless connectivity | • Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) ^(19a) Wi-Fi® 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, jet black keyboard with numeric keypad • Touchpad with multi-touch gesture support |
| External notebook ports | • 2 SuperSpeed USB Type-A 5Gbps signaling rate • 1 USB 2.0 Type-A • 1 RJ-45 • 1 Headphone/microphone combo • 1 AC smart pin • 1 HDMI 1.4b |
| Dimensions | • Unpackaged: 16.33 in (W) x 10.72 in (D) x 0.96 in (H) • Packaged: 21.73 in (L) x 2.72 in (W) x 13.58 in (H) |
| Weight | • Unpackaged: 5.71 lb ⁽⁷⁶⁾ • Packaged: 7.16 lb |
| Security | • Kensington Mini Security lock slot ⁽²⁸⁾ |
| Power | • 3-cell, 41 Wh Li-ion battery • 45 W Smart AC power adapter |

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 [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](#). ^(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, Iris Xe, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2g) Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [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. ^(4b) For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. ^(6a) DVD-Writer does not support DVD RAM. Don't copy copyright protected materials. ^(6b) Actual speeds may vary. Don't copy copyright-protected materials. ⁽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. ^(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 [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⁾ 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. ⁽²⁸⁾ Lock sold separately. ⁽²⁹⁾ Actual speeds may vary. ^(33a) High-definition Plus (HD+) content is required to view high definition plus images. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽⁵³⁾ Call 1.800.474.6836 or [support.hp.com](#) for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. ⁽⁵⁴⁾ 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. ⁽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. ⁽⁷³⁾ 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. ⁽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. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. Actual product may vary from image shown. © 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 the property of their respective owners. 08/7/2020_r2 kc

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| Battery life | • Up to 7 hours and 45 minutes (video playback) ⁽⁷⁵⁾ • Up to 6 hours and 45 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⁾ |

Software

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| HP help and support | • 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 | • Netflix: Watch movies and TV on your PC with subscription. ⁽⁹⁾ |
| 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

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| Product number | • 24V83UA#ABA |
| Ad embargo date | • 11/01/2020 |
| UPC Code | • 195122933005 |
| Country of origin | • China |
| Pallet information | • Dimensions: 47.24 in (L) x 39.37 in (W) x 46.0 in (H) • Total weight: 656.90 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 |

