Datasheet

HP Laptop 15-fd0006sa

A reliably built laptop to keep you in the zone

The HP 15.6" Laptop PC empowers you to do more with the reliable power of an Intel® Processor[1], plus ample storage, and powerful graphics in a sleek, thoughtfully designed device. Created for wherever the day takes you and built with ocean-bound and post-consumer recycled plastics[2], it's easy to show some love for the planet.

*Product image may differ from actual product

Built to keep you connected to everyone

Made for collaboration with a HP True Vision Camera[3] with a privacy door, dual mics, and advanced noise-reduction.

Take on the day, every day

Face any day prepared with a dependable Intel® Processor[1], ample storage, fast connections, and plenty of memory.

Productivity at the speed of life

This EPEAT® Gold Registered and ENERGY STAR® Certified device[4], delivers crisp quality on a 15.6" display.

with

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Featuring

Get a fresh perspective
From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.[5]

Intel® Core™ 7 150U
Dependable performance for everyday computing[6]

Intel® Graphics
Stream your favorite shows, hop on video calls, and scroll through photo edits. All with smooth, responsive visuals. Built-in Intel® Graphics handle everyday entertainment and multitasking with ease, no extra GPU, no extra bulk.[7]

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.[8]

Full HD display
Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.[9]

Anti-glare panel
Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.

16:9 aspect ratio
A 16:9 aspect ratio lets you see all of your game.

Sustainable design
Because little things make a big difference, this product includes sustainable materials like ocean-bound plastic and post-consumer recycled plastic in the design.[10]

Keyboard keycaps contain post-consumer recycled plastic
We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.[11]

ENERGY STAR® certified
Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.[12]

EPEAT® Gold registered
EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.[13]

HP Fast Charge
When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 45 minutes.[14]

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.[15]

Effortlessly connected
Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.4 wireless card.[16]

Dual speakers
Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

DDR5 RAM
Designed to run efficiently and reliably at faster speeds, DDR5 is the latest RAM standard. With higher bandwidth, you get more of a boost in performance.

USB Type-C® 5Gbps signaling data rate
Plug in your external storage with this USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.[17]

Connected Modern Standby
Stay up-to-date on your email, calendar notifications, and more—even when you're not using your PC. Your PC stays connected for instant updates.

Full-size keyboard with integrated numeric pad
The full-sized keyboard with integrated numeric pad allows you to comfortably type and increase productivity with 1.5mm key travel.

Microphone Mute
Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

HP True Vision HD Camera
Video chat in vibrant clarity, even in low light and make every conversation a face-to-face experience for a better way to stay in touch.[3]

Recommended accessories and services (not included)

HP USB-C 65W Laptop Charger
671R2AA

3-year pickup and return
U1PS3E

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Specifications

Performance

Operating system
Windows 11 Home
Processor
Intel® Core™ 7 150U (up to 5.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)[6,7]
Processor family: Intel® Core™ 7 processor
Chipset
Intel® integrated SoC
Memory
16 GB DDR5-5200 MT/s (1 x 16 GB)
Transfer rates up to 5200 MT/s.
Number of User-accessible Memory Slots: 0
Storage
512 GB PCIe® NVMe™ M.2 SSD
100 GB Dropbox storage for 3 months[1]
Graphics
Integrated: Intel® Graphics;
Audio
Dual speakers
Display
39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 62.5% sRGB[17]
Screen-to-body ratio
85%[18]
Power
45 W AC power adapter (recommended, sold separately);
Battery type
3-cell, 41 Wh Li-ion polymer[23]
Battery and Power
Supports battery fast charge: approximately 50% in 45 minutes[5]

Connectivity

Wireless connectivity
Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card [11,12,46]
Modern Standby (Connected)
Ports
2 USB Type-A 5Gbps signaling rate; 1 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4b, HP Sleep and Charge)
Webcam
HP True Vision 720p HD camera with temporal noise reduction and integrated dual array digital microphones

Sustainability

Ecolabels
EPEAT® Gold registered[27]
Energy star certified
ENERGY STAR® certified
Sustainable impact specifications
Ocean-bound plastic in speaker enclosure(s);Keyboard keycaps and scissors contain post-consumer recycled plastic[39,41]

Design

Product color
Jet black
Roundstooth texture matte cover and keyboard frame finish, textured base

Software

Software
1 month trial for new Microsoft 365 customers[24]
Service & support
McAfee Online Protection 30-day trial [2]

Additional information

Part Number
P/N: D32NBEA #ABU
UPC/EAN code: 199896428217
Weight
1.59 kg;
Packed: 2.29 kg
Dimensions
35.98 x 23.6 x 1.86 cm;
Packed: 6.9 x 52 x 30.5 cm
Manufacturer Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
Keyboard
Full-size, jet black keyboard with numeric keypad
HP Imagepad
Security management
Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

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Footnotes

Messaging Footnotes

[1] 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.
[2] Ocean-bound plastic material in speaker housing, post-consumer recycled plastic in the keyboard scissors and keycaps. Percent of recycled materials contained in each component varies by product.
[3] Features may require software or other 3rd party applications to provide the described functionality.
[4] 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.
[5] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[6] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex. Intel technologies may require enabled hardware, software or service activation. No product or component can be absolutely secure. Your costs and results may vary. © Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.
[7] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex.
[8] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
[9] Full high-definition (FHD) content is required to view FHD images.
[10] Percentage of ocean-bound plastic and post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[11] Percentage of post-consumer recycled plastic contained in keycap varies by product.
[12] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
[13] EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[14] Recharges your battery up to 50% within 45 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/- 10% due to System tolerance. Available on select HP products.
[15] For storage drives, GB = 1 billion bytes, TB = 1 trillion bytes. Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content.
[16] 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. Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac). Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[17] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
[2] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
[5] Recharges your battery up to 50% within 45 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products.
[6] 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.
[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.
[11] 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.
[12] 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.
[17] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
[23] 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.
[24] Must activate within 180 days of Windows activation.
[25] Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
[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.
[37] Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
[39] Percentage of ocean-bound plastic contained in each component varies by product.
[41] Keyboard keycap contains post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.
[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.
[46] Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.
[50] Copilot in Excel requires AutoSave to be enabled, meaning the file must be saved to OneDrive; it doesn't function with unsaved files. Copilot features in Outlook apply to accounts with @outlook.com, @hotmail.com, @live.com, or @msn.com email addresses and are available in Outlook.com, Outlook built into Windows, Outlook on Mac, and iOS and Android apps. AI features only available to Microsoft 365 Family subscription owner and cannot be shared; usage limits apply. Learn more Learn more Understanding AI credits - Microsoft Support . Microsoft Copilot features in Microsoft 365 are not available in China or Macao SAR.

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