Datasheet

HP ENVY Laptop 13-ba1276ng

Ready whenever inspiration strikes

Create on-the-go, anytime, anywhere, with a battery that lasts through your day. Use advanced privacy features, available with the touch of a button, to keep your creations under wraps until you're ready to share them.

*Product image may differ from actual product

The power to bring your creations to life
With the powerful combination of an Intel® Core™ processor, ample memory and a long battery life, make your creative visions come to life faster and for longer than ever before.

Thoughtfully designed
More space to create. With a 4-sided, micro-edge display there is now more viewable screen space.

Privacy for your peace of mind
Keep it confidential with an unhackable camera shutter and dedicated microphone mute button.

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Featuring

Windows 10
Do great things confidently with the familiar feel of Windows – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.[1]

Exceptional experience, anywhere
11th Gen Intel® Core™ processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.[2]

NVIDIA® GeForce® MX450
Accelerate your laptop with high-performance, power-efficient NVIDIA® GeForce® MX450 graphics. Now, you can enjoy incredible HD photo and video editing, plus faster, smoother gaming. GeForce MX450's powerful graphics engine and next-gen technologies give you even faster performance over the latest integrated graphics. It even comes with power-saving NVIDIA Optimus® technology that lets you do a whole lot more between charges.

Intel® Iris® Xᵉ graphics
Impressive performance for creating, gaming, and entertainment. A new level of graphics performance and crisp, stunning visuals – with the convenience of a thin & light laptop.[3]

FHD IPS display
Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.[4]

Brilliant BrightView panel
Perfect for an ideal indoor experience, get a bright, clear picture for all your videos, photos, and documents.

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 30 minutes.[5]

Effortlessly connected
Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5.[6]

HP Wide Vision HD Camera
The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.[7]

SuperSpeed USB Type-C® Power + Display + 10Gbps signaling rate
Power your device or connect to an external display from just one USB-C® port with 10Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.[8]

Dropbox cloud storage
Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.[9]

Amazon Alexa Voice Service
Listen to music, get news, manage smart home devices and enable any of more than 50K skills – all hands-free using Amazon Alexa on your PC.[10]

McAfee® LiveSafe™
Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.[11]

PCIe NVMe™ M.2 SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe NVMe™ M.2 SSD storage.

All-metal chassis
See and feel a heightened sense of craftsmanship with an all-metal angular chassis design, polished accents, and high-quality materials built to last.

SD and Micro SD card reader
Simply insert an SD or Micro SD card and increase your device's storage for more movies, photos, and music, or easily access any content you have stored on an existing card.

HP Imagepad with multi-touch gesture
This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

Full-sized keyboard
The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

Micro-edge display
See more of your screen with a micro-edge display that maximizes your viewing area.

Camera Shutter
No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

Fingerprint reader
Seamlessly log in into your device in any position with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.

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.

An exceptionally rich audio experience
HP Dual Speakers and audio, custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel. Awaken your senses with PC audio perfection.

HP Audio Boost
Feel and hear state-of-the-art sound with the next generation of HP Audio Boost and SmartAmp technology—providing louder, richer sound and booming bass performance without distortion.

All-in-One Keyboard
Control your privacy, security and multimedia with the touch of a button. With all your hotkeys in one area, seamlessly navigate with no distractions.

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Specifications

Performance

Operating system
Windows 10 Home 64
Processor
Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)[6,7]
Processor family: 11th Generation Intel® Core™ i7 processor
Chipset
Intel® Integrated SoC
Memory
16 GB DDR4-2933 SDRAM (onboard)
Transfer rates up to 2933 MT/s.
Number of user-accessible: 0
Storage
512 GB PCIe® NVMe™ M.2 SSD
Optical drive not included
Dropbox[1]
Graphics
Discrete: NVIDIA® GeForce® MX450 (2 GB GDDR6 dedicated) ;
Audio
Audio by Bang & Olufsen; Dual speakers; HP Audio Boost
Display
33.8 cm (13.3") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, BrightView, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen[15,17]
Screen-to-body ratio
88%[18]
Power
65 W AC power adapter;
Battery type
3-cell, 51 Wh Li-ion polymer;
210 g;
Battery and Power
Up to 9 hours and 15 minutes[3];
Supports battery fast charge: approximately 50% in 30 minutes[5]
Maximum battery life video playback
Up to 14 hours and 45 minutes[10]

Connectivity

Wireless connectivity
Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) [11,12,13,16]
Miracast compatible; MU-MIMO supported
Ports
1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 AC smart pin; 1 headphone/microphone combo
1 microSD media card reader
Webcam
HP Wide Vision 720p HD camera with camera shutter and integrated dual array digital microphones

Design

Product color
Natural silver aluminum
Sandblasted, anodized finish cover, base and keyboard frame

Software

HP apps
HP 3D DriveGuard; HP Audio Switch; HP JumpStart; HP Support Assistant
Software
Alexa; Netflix; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial); 1 month trial for new Microsoft 365 customers [24]
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 301U7EA #ABD
UPC/EAN code: 195697194184
Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.30 kg;
Packed: 2.43 kg
Weight Note: Weight varies by configuration
Dimensions
30.65 x 19.46 x 1.69 cm;
Packed: 6.9 x 48.3 x 30.5 cm
Dimension Note: Dimensions vary by configuration
Warranty
2 year limited parts, labour, and pickup and return service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.
Keyboard
Full-size, backlit, natural silver keyboard
HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Security management
All-in-One keyboard
Fingerprint reader
Sensors
IR Thermal sensor

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Recommended accessories

* Not included.

HP Renew 15 Grey Backpack
1A211AA

HP Stereo Headset H2800 (Black w. Silk Gold)
2AP94AA

HP Thunderbolt Dock 120W with HDMI Adapter
6HP48AA

Warranty services*

3-year pickup and return
UM946E

Key Selling Points Footnotes

Feature Messaging Footnotes

[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. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[2] 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.
[3] Intel and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Intel, the Intel logo and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.
[4] Full high-definition (FHD) content is required to view FHD images.
[5] Recharges your battery up to 50% within 30 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. Available on select HP products. See http://store.hp.com for a full list of product features.
[6] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where the Wi-Fi 6 (802.11ax) will be disabled and downgraded to 802.11ac by the Intel's DRS solution.
[7] Features may require software or other 3rd party applications to provide the described functionality.
[8] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
[9] 25 GB 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 www.dropbox.com. Internet service required and not included.
[10] Alexa home supported devices are not included and must be purchased separately.
[11] Internet service required and not included. Subscription required after 30 days.

Technical Specifications Footnotes

[1] 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 https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
[2] Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
[3] Windows 10 MobileMark 18 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 https://bapco.com/products/mobilemark-2018/ for additional details.
[5] Recharges your battery up to 50% within 30 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. Available on select HP products. See http://store.hp.com for a full list of product features.
[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.
[10] 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.
[11] Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.
[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
[13] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.
[15] HP Sure View integrated privacy screen that functions in landscape orientation. Available on select HP models and requires factory configuration. Brightness will vary between sharing and privacy modes.
[16] Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
[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.
[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
[22] Reverting to LastPass basic after 30 days.
[24] Must activate within 180 days of Windows activation.

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