Datasheet

HP ENVY Laptop 13-ba0253ng

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.

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.[1]

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.[2]

Liberating battery life
Take on your day without worrying about recharging. With up to 10 hours of battery life, you can work, watch more, and spend more of your time totally untethered.[3]

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

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.[4]

Thunderbolt™ 3 with Superspeed USB Type-C®
Power your device or connect an external display with a blazing 40Gbps signaling data rate from one impressive Superspeed USB-C® port with Thunderbolt™ 3. And it's reversible, so you never have to worry about plugging in upside down.[5]

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.

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

Intel® Optane™
This smart system accelerator learns from your everyday computing and helps your performance—making everything fast, smooth, and responsive.[6]

Less waiting, more accomplished
Accomplish more with less waiting using Intel®'s Optane Memory and 10th Gen Intel® Core™ Processors. Accelerated performance and power allows you to launch and store your apps and files fast and smooth.[7]

Intel® Optane™ Memory H10 with Solid State Storage
Launch your most-used apps at faster speeds. Accomplish more in less time with two breakthrough technologies in a single form factor while seamlessly loading heavy-duty 4K images and videos.[8]

HP Command Center
This simple utility puts you in control, allowing you to optimize and customize performance, fan speed and noise, and external temperature—all to meet your needs.

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]

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.[10]

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.[11]

McAfee® LiveSafe™
Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.[12]

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.

Sleek design
Easily take this thin and light PC from room to room or on the road. When your PC goes wherever you go, staying productive and entertained has never been easier.

Micro-edge display with edge-to-edge keyboard
This beautifully efficient design couples an ultra-thin bezel with an edge-to-edge keyboard, maximizing display and keyboard area.

An exceptionally rich audio experience
With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

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.[14]

PC protection from boot up
Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.[15]

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.[15]

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.

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.

Windows Ink
Naturally drive content, ideas, and drawings forward with digital pen-based computing and Windows Ink. Seamlessly jot down notes in Office, or draw on a collection of apps.

HP Command Center
This simple utility puts you in control with customizable settings to optimize your performance. Manage your external temperatures, while maximizing your connectivity with network booster—all to meet your needs.

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Specifications

Performance

Operating system
Windows 10 Home 64
Processor
Intel® Core™ i5-1035G1 (1.0 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)[6,7]
Processor family: 10th Generation Intel® Core™ i5 processor
Chipset
Intel® Integrated SoC
Memory
8 GB DDR4-2666 SDRAM (onboard)
Transfer rates up to 2666 MT/s.
Storage
512 GB Intel® SSD
32 GB Intel® Optane™ memory[9]
Optical drive not included
Dropbox[1]
Graphics
Integrated: Intel® UHD Graphics;
Audio
Audio by Bang & Olufsen; Dual speakers; HP Audio Boost 2.0
Display
33.8 cm (13.3") diagonal FHD, IPS, BrightView, micro-edge, WLED-backlit, edge-to-edge glass, 400 nits, 100% sRGB (1920 x 1080)[17]
Screen-to-body ratio
88%[18]
Power
65 W Smart AC power adapter;
Battery type
3-cell, 51 Wh Li-ion;
210 g;
Battery and Power
Up to 10 hours[3];
Supports battery fast charge: approximately 50% in 30 minutes[5]
Maximum battery life video playback
Up to 13 hours and 30 minutes[10]

Connectivity

Wireless connectivity
Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds)[11,12,13,16]
MU-MIMO supported; Miracast compatible
Ports
1 Thunderbolt™ 3 (40Gbps signaling rate) with 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 HD Camera with camera shutter and integrated dual array digital microphone

Design

Product color
Natural silver aluminium
Sandblasted anodized finish

Software

HP apps
HP 3D DriveGuard; HP Audio Switch; HP Command Center; 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 Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 16F67EA #ABD
UPC/EAN code: 195122059156
Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.3 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; Camera Shutter
Fingerprint reader
Sensors
IR Thermal sensor

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Recommended accessories

* Not included.

HP ENVY Rechargeable Mouse 500
2LX92AA

HP ENVY Uptown Tote
5DW95AA

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.
[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, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display
[3] 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.
[4] Features may require software or other 3rd party applications to provide the described functionality.
[5] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
[6] 7th Generation Intel® Core™ i processor or later required. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.
[7] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Graphics output may be limited based on the maximum resolution of the display
[8] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Intel® Optane™ is available on select HP models. When purchased separately, requires: a 7th Gen Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10, version 1703, an Intel® 200 series chipset, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe Spec 1.1 and Intel® Rapid Storage Technology (Intel® RST) 15.5 driver. For solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 35 GB of system disk is reserved for system recovery software. Graphics output may be limited based on the maximum resolution of the display.
[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] 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.
[11] Alexa home supported devices are not included and must be purchased separately.
[12] Internet service required and not included. Subscription required after 30 days.
[14] 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.
[15] HP BIOS Protection works with Windows 10 that ships with your PC.

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.
[9] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.
[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.
[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.
[22] Reverting to LastPass basic after 30 days.

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