Datasheet

HP ENVY 17-bw0003sa

Remarkably powerful laptop

Impeccably crafted to deliver powerful performance and discrete graphics that gives you the freedom to excel at the highest level. Cutting-edge aesthetics and materials come together in a thin design to enhance your every day. Enjoy the power of elevated entertainment from a 43.9 cm (17.3") diagonal FHD[1] or UHD[2] (on select models) display with advanced audio technology from Bang & Olufsen.



Perfectly powerful
Experience the powerful performance of the latest Intel® Core™ processor and discrete graphics, up to 16 GB RAM, with up to 10.45 hours of battery life.[3] Designed so you can multitask, work, and play.



Intuitively designed
Beautifully crafted with premium aluminum materials, this design combines elegance and efficiency with a massive 43.9 cm (17.3") diagonal display, full-size keyboard, and an integrated fingerprint reader for fast and secure logins.

BANG & OLUFSEN

Edge-of-your-seat entertainment
Dramatically redefine your entertainment experience with a 43.9 cm (17.3") diagonal, FHD[1] or UHD[2] (on select models) wide-angle display, integrated optical disc drive, and audio expertly tuned by Bang & Olufsen.











[1] Full high definition (FHD) content required to view FHD images. [2] Ultra-high definition (UHD) content required to view UHD images. [3] Windows 10 MobileMark 14 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-2014/ for additional details.

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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.[18,19]

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.

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

All metal chassis
See and feel a heightened sense of craftsmanship with an all-metal angular 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.

Corning® Gorilla® Glass NBT™
Scratch-resistant Corning® Gorilla® Glass NBT™ stands up to all the daily abuse a touch screen takes. Help reduce accidental damage with strong, more durable protection than most displays.

Dual 4K support
Complete with all the ports necessary for an immersive dual 4K set up, get an expansive entertainment or productivity experience by easily connecting two external 4K displays.[20]

An exceptionally rich audio experience
With HP Quad 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 45 minutes.[21]

Backlit keyboard
Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.

USB-C™
Power your device, transfer up to 5Gb/s of data, or connect to an external display all from just one USB-C™ port. And it's reversible, so you never have to worry about plugging in upside down.[22,23]

[18] 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.
[19] Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[20] 4K content required to view full 4K images.
[21] 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 laptop, 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 Spectre 2-in-1 and HP x2 PC models. See http://store.hp.com for a full list of product features.
[22] Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i7-8550U (1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)[6,7]
Processor family: 8th Generation Intel® Core™ i7 processor
Memory
8 GB DDR4-2400 SDRAM (2 x 4 GB)
Transfer rates up to 2400 MT/s.
Storage
1 TB 7200 rpm SATA
16 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration
DVD-Writer
Dropbox[1]
Graphics
Discrete NVIDIA® GeForce® MX150 (4 GB GDDR5 dedicated)
Audio
Bang & Olufsen, dual speakers, HP Audio Boost
Display
43.9 cm (17.3") diagonal FHD IPS WLED-backlit multitouch-enabled edge-to-edge glass (1920 x 1080)
Power
65 W AC power adapter
Battery Type
3-cell, 52.5 Wh Li-ion
Supports battery fast charge: approximately 50% in 45 minutes[5]
Target battery life
Up to 10 hours and 45 minutes estimated battery time[3]
Maximum battery life video playback
Up to 9 hours and 15 minutes[3]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN
Ports
1 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, DP1.2, HP Sleep and Charge); 3 USB 3.1 Gen 1 (1 HP Sleep and Charge); 1 HDMI; 1 RJ-45; 1 headphone/microphone combo
1 multi-format SD media card reader
Webcam
HP Wide Vision HD Camera with integrated dual array digital microphone

Design

Product Color
Natural silver; Aluminum cover finish

Software

HP Apps
HP Audio Switch; HP CoolSense; HP JumpStart
Software
Netflix; 1 month trial for new Microsoft Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 3ZV17EA #ABU
UPC/EAN code: 192545917131
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
2.9 kg
Packed: 4 kg
Dimensions
41.6 x 27.8 x 2.31 cm
Warranty
1 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 island-style backlit keyboard with numeric keypad
HP Imagepad with multi-touch gesture support
Security management
Kensington NanoSaver™ security lock support; Fingerprint reader
Sensors
Accelerometer

Recommended accessories*

* Not included.



HP Carry Sleeve 17
1PD68AA



HP Stereo Headset H2800
2AP95AA



HP ENVY Rechargeable Mouse 500
2LX92AA

Warranty services*

3-year pickup and return
UM963E

[1] 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.[2] McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)[3] Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com for additional details.[5] 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. Available on select HP Envy, HP Omen and HP Pavilion models. 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 is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

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April 2018