Datasheet

HP ENVY Notebook 13-ad102na

Lightweight and powerful premium laptop

Who said thin and light needs to come with limitations? Remarkably sleek but still exceptionally powerful, the latest ENVY laptop delivers inspired portability. It's lean, sculpted, and equipped with the latest hardware to take on just about anything you want to throw at it – from just about anywhere you can imagine.



BANG & OLUFSEN

Impressive stamina. Incredible speed.
Up to 14-hour battery life[1], and the latest Intel® Core™ i processor[2] combine for unbridled performance that overpowers even the most demanding tasks.

Slim. Light. Liberating.
Starting at 1.23 kg, this lightweight powerhouse was engineered for maximum mobility. Polished accents and a nearly borderless micro-edge display keep the all-metal design clean cut and stunningly slim.

Excite your senses
An ultra-bright FHD IPS display[3] and quad HP speakers with amazing bass and professional audio tuning by Bang & Olufsen pushes your entertainment experience to a whole new level.

HP CoolSense

epeat SILVER

ENERGY STAR

Audio boost

HP Fast Charge

[1] Windows 10/ MM14 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. [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] Full high-definition (FHD) content required to view FHD images.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i5-8250U (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)[6,7]
Processor family: 8th Generation Intel® Core™ i5 processor
Memory
8 GB LPDDR3-1866 SDRAM (onboard)
Transfer rates up to 2133 MT/s
Storage
128 GB M.2 SSD
Dropbox[1]
Graphics
Integrated Intel® UHD Graphics 620
Audio
Bang & Olufsen; HP Audio Boost; Quad speakers
Display
33.8 cm (13.3") diagonal FHD IPS BrightView micro-edge WLED-backlit (1920 x 1080)
Power
45 W AC power adapter
Battery Type
6-cell, 53.6 Wh Li-ion
Supports battery fast charge: approximately 90% in 90 minutes[5]
Target battery life
Up to 14 hours estimated battery time[3]
Maximum battery life video playback
Up to 12 hours and 30 minutes[3]

Connectivity

Wireless connectivity
Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
Ports
2 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, Power Delivery, DP1.2, HP Sleep and Charge); 2 USB 3.1 Gen 1 (1 HP Sleep and Charge); 1 headphone/microphone combo
1 microSD 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: 2PR56EAFAKE #ABU
UPC/EAN code: 192018348998
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.23 kg
Dimensions
30.54 x 21.56 x 1.39 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
HP Imagepad with multi-touch gesture support

Compatible accessories*

* Not included.

Warranty services*

Care Pack
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 90% within 90 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 90% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP Spectre, HP Envy, HP Omen and HP Pavilion PC 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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