

# HP ENVY Notebook 13-ad104nn



## 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.



**Impressive stamina. Incredible speed.**  
Up to 14-hour battery life<sup>1</sup>, lightning-fast PCIe SSD, and the latest Intel® Core™ i processor<sup>2</sup> 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.

BANG & OLUFSEN

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



<sup>1</sup> 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](http://www.bapco.com) for additional details.

<sup>2</sup> 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.

<sup>3</sup> Full high-definition (FHD) content required to view FHD images.

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## Featuring

### 8th Generation Intel® Core™ processor

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content or even create your own.

### Intel® HD graphics

Impressive graphics help with everything you do. Whether it's watching a video or just surfing the web, Intel® HD Graphics render all the visuals on your screen with smooth, vivid quality.

### PCIe SSD storage

Available in 256 GB, PCIe®-based flash storage is up to 17x faster than a traditional 5400 rpm laptop hard drive.

### 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.

### 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.

### Lift keyboard design

The subtle elevation of the keyboard provides a comfortable typing experience and allows air to circulate, keeping your computer cool.

### USB-C™

Power your device, transfer up to 5Gbps 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.

### 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 90% charge in approximately 90 minutes.

### 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.

### Dual array microphone

With two microphones and advanced noise reduction software, you'll always sound crystal clear when you video chat or record.

### Edge-to-edge backlit keyboard

Keep going even in dimly lit rooms or aboard red-eye flights. With a full-size, edge-to-edge illuminated keyboard, you can type comfortably in more environments.

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<sup>6</sup> 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

<sup>7</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

<sup>20</sup> 4K content required to view full 4K images.

<sup>21</sup> 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.

<sup>22</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

<sup>23</sup> 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 laptop, 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.

<sup>24</sup> Features may require software or other 3rd party applications to provide the described functionality.

<sup>25</sup> Internet access required and not included.

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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)

Processor family: 8th Generation Intel® Core™ i5 processor

#### Memory

8 GB LPDDR3-2133 SDRAM (onboard)

Transfer rates up to 2133 MT/s.

#### Storage

256 GB PCIe® NVMe™ M.2 SSD

Dropbox<sup>1</sup>

#### 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 edge-to-edge glass (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<sup>5</sup>

#### Target battery life

Up to 14 hours estimated battery time<sup>3</sup>

#### Maximum battery life video playback

Up to 12 hours and 30 minutes<sup>3</sup>

### 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

Silk gold

Aluminum cover finish

### Software

#### HP apps

HP Audio Switch; HP CoolSense; HP JumpStart

#### Software

1 month trial for new Microsoft® Office 365 customers

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: 3DL20EA #ABB

UPC/EAN code: 192018662940

#### Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

#### Weight

1.32 kg; Packed:

#### Dimensions

30.54 x 21.56 x 1.39 cm; Packed:

#### Warranty

1 year limited parts, labour, and carry-in service ; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

#### Included accessories

#### Keyboard

Full-size island-style backlit keyboard

HP Imagepad with multi-touch gesture support

## Warranty services\*



<sup>1</sup> 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](http://www.dropbox.com). Internet service required and not included.

<sup>2</sup> McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

<sup>3</sup> 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](http://www.bapco.com) for additional details.

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<sup>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

