

# HP Spectre Notebook 13-af007ne



Light. Powerful. All eyes are on it.

Experience what the laptop was always meant to be. By bringing powerful, all-day performance and a stunning FHD<sup>1</sup> touchscreen to a seductively thin and exceptionally crafted metal and carbon fiber design, the Spectre laptop is almost too good to be true.



#### The art of power

As elegant as it is unprecedented, the ultra-thin Spectre Laptop fuses up to 10-hour battery life<sup>2</sup> with Fast Charge, and an 8th Gen Intel® Core™ i Quad Core processor<sup>3</sup> for remarkable performance.

#### Seductive craftsmanship

Exceptionally crafted at 10.4mm<sup>4</sup>, this masterfully sculpted chassis with a hidden hinge and full size keyboard.

#### Over Two-Million pixels. Noticeably eye-opening.

Rethink the way you experience your content with a nearly borderless 13.3" diagonal, FHD<sup>1</sup> touch display finished with Corning® Gorilla® Glass NBT™ and audio by Bang and Olufsen.



<sup>1</sup> Full high-definition (FHD) content required to view FHD images. <sup>2</sup> Windows 10/ M14 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>3</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>4</sup> Measured at z-height.

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### Featuring

#### Windows 10

Do great things confidently with the familiar feel of Windows – only better.

#### 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.<sup>5</sup>

#### 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 512 GB, PCIe®-based flash storage is up to 17x faster than a traditional 5400 rpm laptop hard drive.<sup>6</sup>

#### 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 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.<sup>5</sup>

#### Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

#### Corning® Gorilla® Glass NBT™

Corning® Gorilla® Glass NBT™ stands up to all the daily abuse a touch screen takes. From gripping to swiping – reduce accidental damage with stronger, more durable protection than most displays.

#### Intel® UHD Graphics 620

Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent graphics performance, you'll see the difference in everything you do.<sup>11</sup>

#### 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.

#### Rock-solid connections

Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2.<sup>6,7</sup>

#### MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

#### USB-C™ Thunderbolt

Power your device, connect an external display, or transfer data at a blazing 40Gbps all from one impressive USB-C™ Thunderbolt™ port. And it's reversible, so you never have to worry about plugging in upside down.<sup>8,9</sup>

#### Hidden coaxial hinge

Drawing inspiration from high-end cabinetry, the hidden coaxial hinge was designed to fold flush, almost disappearing from view. This new approach to hinges allows for a supremely simple, thin profile.

#### 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.

#### 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.<sup>10</sup>

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<sup>5</sup> 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

<sup>6</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

<sup>7</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

<sup>8</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>9</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

<sup>10</sup> Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See [www.windows.com](http://www.windows.com). Apps sold separately.

<sup>11</sup> 4K content required to view full 4K images. High-definition (HD) content required to view HD images.

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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)<sup>6,7</sup>

Processor family: 8th Generation Intel® Core™ i7 processor

#### Memory

16 GB LPDDR3-2133 SDRAM (onboard)

Transfer rates up to 2133 MT/s.

#### Storage

512 GB PCIe® NVMe™ M.2 SSD

#### Graphics

Integrated Intel® UHD Graphics 620

#### Audio

Bang & Olufsen, dual speakers, HP Audio Boost

#### Display

33.8 cm (13.3") diagonal FHD IPS micro-edge WLED-backlit touch screen with Corning® Gorilla® Glass NBT™ (1920 x 1080)

#### Power

65 W AC power adapter

#### Battery Type

4-cell, 43.7 Wh Li-ion

Supports battery fast charge: approximately 50% in 30 minutes<sup>5</sup>

### Connectivity

#### Wireless connectivity

Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)

#### Ports

2 Thunderbolt™ 3 (Data Transfer up to 40 Gb/s, Power Delivery, DP1.2, HP Sleep and Charge); 1 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, Power Delivery, DP1.2, HP Sleep and Charge); 1 headphone/microphone combo

#### Webcam

HP Wide Vision HD Camera with integrated dual array digital microphone

### Design

#### Product Color

Dark ash; Sandblast cover, matte base and keyboard frame pattern

### Software

#### HP Apps

HP Audio Switch; HP Cool Control; HP JumpStart

#### Software

Netflix; 1 month trial for new Microsoft® Office 365 customers

#### Service & support

McAfee LiveSafe™<sup>1</sup>

### Additional information

#### Part Number

P/N: 3YA52EA #ABV

UPC/EAN code: 193015121195

#### Energy Efficiency Compliance

ENERGY STAR® certified; EPEAT® Silver registered

#### Weight

1.11 kg

#### Dimensions

30.82 x 22.42 x 1.04 cm

#### Warranty

2 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

Sleeve; USB Type-C™ to USB 3.0 adapter

#### Keyboard

Full-size island-style backlit keyboard

HP Imagepad with multi-touch gesture support

#### Security management

Trusted Platform Module (TPM) support

## Recommended accessories\*

\* Not included.

## Warranty services\*



3-year return to depot  
UM931E

<sup>1</sup> McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.)<sup>2</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.<sup>3</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 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.<sup>4</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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.<sup>5</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

