Datasheet

HP Spectre x360 Convertible 13-ap0796na

Revolutionary battery life on a convertible PC – see where it takes you

Time is now on your side. With this revolutionary battery life in a quad-core convertible, you have more of it. Power through your longest days and nights on a dazzling up to 4K[1] touchscreen. And, go further with the thin, light, and portable Spectre convertible - featuring a gem-cut, all-aluminum design to elegantly take you wherever your passions lead you.



22.30-hours battery life

With up to 22.30 hours of battery life[2] in a quad-core convertible you get more time to do more of what you love. Stay at peak performance longer and re-energize quickly with HP Fast Charge.

The power to take you further

Elevate your every day with the most stunning Spectre yet—featuring an 8th generation Intel® Core™ processor for top-of-the-line efficiency and speed. Heighten your Spectre's performance to a new level by managing thermal settings and choosing from cool, quiet, or performance modes depending on needs.

Securely shape your world

Effortlessly move through your world with enhanced security features designed to safeguard your privacy. From an integrated IR camera, fingerprint reader, and privacy camera kill switch for secure interactions with your PC to the optional HP Sure View privacy screen; you can work confidently knowing your information is secure and private.

[1] 4K content required to view full 4K images. Available on selected models only.
[2] 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.

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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.[2]

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.[5]

802.11 a/c (2x2) WLAN & Bluetooth® 5.0
Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.[8]

HP Wide Vision FHD IR Camera
Easily log in through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.[6]

FHD IPS touchscreen
Always see your content at its best with 178° wide-viewing angles and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen.[7]

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 and online payments.[4]

USB 3.0 connector
With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

PCIe SSD storage
Available in capacities up to 256 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.[3]

DDR4 RAM options
Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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.

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.

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.

Refined, gem-cut design
Precision-crafted metal design using CNC machining creates a stunning gem-cut look. The crisp, angular design is beautiful and functionally packaged in its tightest dimensions.

HP Privacy Camera switch
Ensure your privacy and security with a physical switch that turns off your PC's camera when not in use. No more unsightly tape to cover your camera lens.

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.

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.

Connected Stand-by
Stay up to date on your email, calendar notifications, and more—even when you're not using your PC. Your PC stays connected for instant updates.

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.[18]

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.

Machined aluminum design
With a seamless design carefully chiseled by CNC machines, this precision-crafted unibody device was engineered with artful, refined durability.

[18] 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 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.
[2] 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. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[3] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
[4] Internet service required and not included.
[5] 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. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.
[6] Features may require software or other 3rd party applications to provide the described functionality.
[7] Full high-definition (FHD) content is required to view FHD images.
[8] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

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Specifications

Performance

Operating system
Windows 10 Home 64
Processor
Intel® Core™ i5 8265U (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Processor family: 8th Generation Intel® Core™ i5 processor [6,7]
Chipset
Intel® Integrated SoC
Memory
8 GB DDR4-2400 SDRAM (onboard)
Transfer rates up to 2400 MT/s.
Storage
256 GB PCIe® NVMe™ M.2 SSD
Optical drive not included
Dropbox[1]
Graphics
Integrated: Intel® UHD Graphics 620;
Audio
Bang & Olufsen; quad speakers; HP Audio Boost 2.0
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, 61 Wh Li-ion;
Supports battery fast charge: approximately 50% in 30 minutes [5]
Target battery life
Up to 22 hours and 30 minutes estimated battery life[3]
Maximum battery life video playback
Up to 21 hours and 30 minutes[3]

Connectivity

Wireless connectivity
Intel® Wireless-AC 9560 802.11 b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds) [11,12]
MU-MIMO supported; Miracast compatible
Ports
2x USB Type-C™ 3.1 Gen 2 (Thunderbolt™ 3, DP 1.2, PD 3.0, Data transfer, HP Sleep and Charge); 1x USB 3.1 Gen2 Type-A™ (HP Sleep and Charge); 1 headphone/microphone combo
1 microSD media card reader
Webcam
HP Wide Vision FHD IR Camera with integrated dual array digital microphone

Design

Product color
Poseidon blue
Aluminium CNC cover and keyboard, with aluminium stamping base

Software

HP apps
HP 3D DriveGuard; HP Audio Switch; HP Command Center; HP Connection Optimizer; HP JumpStart
Software
Netflix; 1 month trial for new Microsoft Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 5AT90EA #ABU
UPC/EAN code: 193808555985
Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.33 kg;
Packed: 2.35 kg
Dimensions
30.88 x 21.79 x 1.45 cm;
Packed: 41.3 x 33 x 14.7 cm
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
Sleeve
Keyboard
Full-size island-style backlit keyboard
HP Imagepad with multi-touch gesture support
Features
Plug and play
Security management
Fingerprint reader; Privacy Camera Kill Switch; Trusted Platform Module (TPM) support
Sensors
Accelerometer; Gyroscope; eCompass

Recommended accessories

* Not included.

HP Tilt Pen
2MY21AA


HP ENVY Urban 35.56 cm (14") Tote
3KJ74AA


HP Spectre Rechargeable Mouse 700 (Luxe Cooper)
3NZ70AA

Warranty services*

Care Pack
3-year return to depot
UM931E

[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 12-month free trial offer (Internet access required. First 12 months 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 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 Spectre 2-in-1 and HP x2 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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