Datasheet

HP Spectre x360 Convertible 15-df0798na

Incredible power to create more

Crafted to transform the way you create, our most powerful Spectre yet fuses impeccable craftsmanship with untouchable performance, power, and speed. Edit 4K videos, build complex digital files to be the master of your craft. With an iconic gem-cut design and cutting-edge, up to six-core processor, it empowers the driven to redefine what's possible.



Our most powerful Spectre yet
Equipped with an 8th generation Intel® Core™ i7 processor, up to 17 hours and 30 minutes of battery life[1], and up to NVIDIA GeForce MX150 or NVIDIA GeForce GTX 1050Ti with MaxQ design[3] graphics, you have power and speed. Elevate your Spectre's performance to a new level by managing thermal settings by choosing from cool or performance modes depending on needs.

An immersive creating experience
Edit photos with precision. Illustrate even the finest details. With the optional HP Tilt Pen and a 39.6 cm (15.6") diagonal, up to 4K[2] micro-edge display, the power of 8 million pixels truly brings your visions to life.

Security in a class of its own
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 an optional integrated privacy screen; you can work confidently knowing your information is secure and private.

HP Fast Charge

epeat SILVER

ENERGY STAR

McAfee LiveSafe

[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] 4K content required to view full 4K images. Available on selected models only.
[3] NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. MAXQ® is the registered trademark of Maxim Integrated Products, Inc. NVIDIA® Max-Q Design can help reduce system heat and noise in thinner form factor PC's. Form factor design and thickness of the system will vary. Overall graphics performance may be lower than alternative graphics solutions that do not utilize Max-Q design.

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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.[3]

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.[18]

802.11 a/c (2x2) WLAN & Bluetooth® 5.0
Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.[6]

HP Webcam
With a great webcam it's never been easier to stay in touch and get your work done. Video chat with the family while experiencing clear, smooth quality.[8]

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.[5]

PCIe SSD storage
Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.[4]

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.

Advanced thermal management
The latest in heat management brings you an optimized thermal design and IR sensor, which keeps your laptop cool to touch without affecting sound quality.

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.

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.

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.

Like putting pen to paper
Write and draw naturally with fluid, more accurate ink strokes. And palm rejection technology prevents unintentional inking and includes reduced lag when writing.

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

Elegant craftsmanship
A refined convertible design changes the way you see technology, with a chiseled look along the back and an angular profile along the sides.

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.

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.

[18] 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.
[3] 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.
[4] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
[5] Internet service required and not included.
[6] 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.
[7] Full high-definition (FHD) content is required to view FHD images.
[8] Features may require software or other 3rd party applications to provide the described functionality.

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Specifications

Performance

Operating system
Windows 10 Home 64

Processor
Intel® Core™ i7 8565U (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Processor family: 8th Generation Intel® Core™ i7 processor [6,7]

Chipset
Intel® Integrated SoC

Memory
16 GB DDR4-2400 SDRAM (2 x 8 GB)
Transfer rates up to 2400 MT/s.

Storage
512 GB PCIe® NVMe™ M.2 SSD
Optical drive not included
Dropbox[1]

Graphics
Discrete: NVIDIA® GeForce® MX150 (2 GB GDDR5 dedicated);

Audio
Bang & Olufsen; quad speakers; HP Audio Boost 2.0

Display
HP Sure View Integrated Privacy Screen 39.6 cm (15.6") diagonal FHD IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™ (1920 x 1080)

Power
90 W AC power adapter;

Battery type
6-cell, 84 Wh Li-ion;
Supports battery fast charge: approximately 50% in 45 minutes [5]

Target battery life
Up to 17 hours and 30 minutes estimated battery time[3]

Maximum battery life video playback
Up to 15 hours and 15 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™ Thunderbolt™ 3 (Data 40 Gb/s signaling rate, Power Delivery 3.0, DP 1.2, HP Sleep and Charge); 1x USB 3.1 Gen 2 Type-A (HP Sleep and Charge); 1 HDMI; 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
Dark ash silver
Aluminium cover and keyboard frame

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: 5AT94EA #ABU
UPC/EAN code: 193808556784

Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered

Weight
2.18 kg;
Packed: 3.18 kg

Dimensions
36.1 x 25 x 1.93 cm;
Packed: 46.58 x 36.6 x 16.4 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 with numeric keypad
HP Imagepad with multi-touch gesture support

Features
Plug and play

Security management
Fingerprint reader; Trusted Platform Module (TPM) support

Sensors
Accelerometer; Gyroscope; eCompass

Recommended accessories

* Not included.

HP Tilt Pen
2MY21AA



HP ENVY Urban 39.62 cm (15.6") Backpack
3KJ72AA



HP Spectre Rechargeable Mouse 700 (Turbo Silver)
3NZ71AA

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 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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January 2019