Datasheet

HP Spectre x360 15-ch006na

Creativity in its most powerful form

Imagination meets the height of performance. This sleek laptop was engineered to deliver incredible graphics and speed to empower you when inspiration strikes. Reinvent your creative process with four unique modes and bring your vision to life with a laptop designed around you.



The pinnacle of performance
Whether it's photo or video editing, rewrite the meaning of speed with unquestionable performance. With a quad-core Intel® Core™ i7 processor[1] and NVIDIA® GeForce® MX150 graphics. Power through your most demanding days with up to 12.5 hours of battery life[2] and HP Fast Charge.[3]

A creative revolution
Stretch creativity to its limits with our 39.6 cm (15.6") diagonal 4K micro-edge touch display.[4] Compatible with a digital pen[5] to evolve your vision and with a scratch-resistant Corning® Gorilla® Glass 4 – your talent has met its perfect canvas.

Smart technology. Designed around you.
We've designed this PC around you, with four unique modes that convert from a powerful laptop to get things done to a beautiful canvas in tablet mode. We then added an IR camera and fingerprint reader for easy and secure login.

HP Fast Charge

[1] 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, branding and/or naming is not a measurement of higher performance. [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 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 https://bapco.com/products/mobilemark-2014/ for additional details. [3] 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 x360 and HP x2 PC models. See http://store.hp.com for a full list of product features. [4] 4K content required to view full 4K images. [5] HP Pen not included and sold separately.

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Featuring

Corning® Gorilla® Glass
Stand up to the daily abuse your laptop touchscreen takes from gripping to swiping. And reduce bumps and scratches 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.

Full-size island-style keyboard with integrated numeric pad
The full-sized island-style keyboard with integrated numeric pad allows you to comfortably type and increase productivity with 1.5mm key travel.

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.[18]

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.

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.[19]

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.

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.[20]

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.

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.

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.

[18] Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[19] Features may require software or other 3rd party applications to provide the described functionality.
[20] 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.

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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)[6,7]
Processor family: 8th Generation Intel® Core™ i7 processor
Memory
8 GB DDR4-2400 SDRAM (2 x 4 GB)
Transfer rates up to 2400 MT/s.
Storage
1 TB PCIe® NVMe™ M.2 SSD
Graphics
Discrete NVIDIA® GeForce® MX150 (2 GB GDDR5 dedicated)
Audio
Bang & Olufsen, quad speakers, HP Audio Boost
Display
39.6 cm (15.6") diagonal 4K IPS micro-edge BrightView WLED-backlit touch screen with Corning® Gorilla® Glass (3840 x 2160)
Power
90 W AC power adapter
Battery Type
6-cell, 84 Wh Li-ion
Supports battery fast charge: approximately 90% in 90 minutes[5]

Connectivity

Wireless connectivity
Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
Ports
1 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 USB 3.1 Gen 1 (HP Sleep and Charge); 1 HDMI; 1 headphone/microphone combo
1 multi-format SD media card reader
Webcam
HP TrueVision FHD IR Camera with integrated dual array digital microphone

Design

Product Color
Dark ash silver; Aluminum cover finish

Software

HP Apps
HP Audio Switch; HP JumpStart
Software
Netflix; 1 month trial for new Microsoft Office 365 customers
Service & support
McAfee LiveSafe™ [1]

Additional information

Part Number
P/N: 3GB05EA #ABU
UPC/EAN code: 192018853065
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
2.09 kg
Dimensions
35.9 x 25 x 1.94 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
Security management
Fingerprint reader; Trusted Platform Module (TPM) support
Sensors
Accelerometer; Gyroscope; eCompass

Compatible accessories*

* Not included.



HP Spectre Bluetooth® Mouse 500
1AM57AA



HP Pavilion Bluetooth® Headset 600
1SH06AA



HP Spectre 15.6 Split Leather Sleeve
1ZX69AA

Warranty services*

3-year pickup and return
UM963E

[1] 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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