Datasheet

HP ENVY x2 12-e051na

On the move. And still connected.

Mobility takes on a new meaning with the ultra-portable HP ENVY x2. Crafted for those always on the go, this detachable PC keeps you connected at home or on the road. With all-day battery life[1] up to 22 hours, strong durability, and 4G LTE[2]—you're ready to go the distance.



Exceptional battery life
Watch an entire season of your favorite show with up to 22 hours of video playback[1] while enjoying superb performance with Windows 10[3].

Impossibly thin. Incredibly durable.
Sleek, strong, and unbelievably mobile—this is what freedom looks like. At 6.9 mm thin[4] and just over 1.21 kg[5], take this detachable PC anywhere with protective Corning® Gorilla® Glass and rugged design.

Stay connected on the go
No Wi-Fi, no problem. Built-in LTE[2] lets you connect wherever you go and an adjustable folio case design which allows multiple viewing angles for a superior laptop and tablet experience.

HP Fast Charge

epeat SILVER

ENERGY STAR

[1] Tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 50%, player audio level at 100%, played from local storage, headphone attached, wireless off, auto dimming off. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. [2] 4G LTE module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. [3] Up to 22 hours local video playback requires unit configured with Qualcomm Snapdragon 835 SoC, 8gb RAM, 128gb UFS storage. Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. [4] Measured at z-height. [5] Weight and system dimensions may fluctuate due to configuration and manufacturing variances. [6] 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.
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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.[3,18]

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.

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.[19]

Fanless design
Your PC runs cool and quiet, with no noisy hardware or unsightly vents, thanks to an innovative design that eliminates the fan.

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.

HP Wide Vision 5MP IR Camera
Log in safely through Windows Hello with the IR sensor, and video chat with your entire family in stunning detail thanks to the 88˚ wide-angle field of view.[20]

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]

HP Digital Pen
Capture the most intricate details on all your creative projects. Exceptional pressure sensitivity lets you sketch, blend, write, and navigate on your x2 and x360 with smooth control and astonishing accuracy.

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.

FHD+ IPS touchscreen
Intuitively reach out and control your display with just a touch. And transform your content with amazingly-high detail and 178º wide-viewing angles.[21]

An exceptionally rich audio experience
With HP Dual 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.

[18] Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[19] 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.
[20] Features may require software or other 3rd party applications to provide the described functionality.
[21] Full high-definition (FHD) content is required to view FHD+ images.

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Specifications

Performance

Operating System
Windows 10 S
Processor
Qualcomm® Snapdragon™ 835 (2.6 GHz, 8 cores)
Processor family: Qualcomm® Snapdragon™ processor
Memory
4 GB LPDDR4x-1866 SDRAM (onboard)
Transfer rates up to 1866 MT/s.
Storage
128 GB UFS 2.1 MO-276 3x2
Dropbox[1]
Graphics
Integrated Qualcomm® Adreno™ 540 GPU
Audio
Bang & Olufsen, dual speakers, HP Audio Boost
Display
31.2 cm (12.3") diagonal WUXGA+ IPS BrightView WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass (1920 x 1280)
Power
45 W AC power adapter
Battery Type
3-cell, 49.3 Wh Li-ion
Supports battery fast charge: approximately 90% in 90 minutes[5]
Target battery life
Up to 22 hours estimated battery time[3]
Maximum battery life video playback
Up to 22 hours[3]

Connectivity

Network interface
Qualcomm® Snapdragon™ X16 LTE Mobile Broadband Module
Wireless connectivity
Qualcomm® WCN3990 802.11ac (2x2) Dual-Phy and Bluetooth® 5 Combo (Miracast compatible; MU-MIMO supported)[8]
Ports
1 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, Power Delivery, DP1.3); 1 nano-SIM (pin-ejection, user accessible); 1 headphone/microphone combo
1 micro SD media card reader (pin-ejection, user accessible)
Webcam
HP Wide Vision 5MP Camera (front-facing); HP 13MP Camera (rear-facing); Three integrated digital microphones

Design

Product Color
Natural silver slate cover, oxford blue base and keyboard frame; Sand blast anodizing cover, small pebble grain base and keyboard frame finish

Software

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

Additional information

Part Number
P/N: 3GB63EA #ABU
UPC/EAN code: 192018931336
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
0.7 kg (tablet); 1.21 kg (tablet and keyboard)
Dimensions
29.3 x 21 x .69 cm
Warranty
3 year limited hardware warranty for pick-up and return service, parts and labour;
Included accessories
Stylus; Cover keyboard
Keyboard
Full-size island-style backlit keyboard
HP Imagepad with multi-touch gesture support
Features
Connect to soft keyboard cover
Security management
Qualcomm® Mobile Security Solutions
Sensors
Qualcomm® Location GPS/GLONASS; Sensor hub (integrated); Proximity-sensor (SAR); Hall sensor; Accelerometer; Gyroscope; Digital compass; Ambient light sensor

Recommended accessories*

* Not included.


HP Spectre 13.3 Split Leather Sleeve
1PD69AA


HP Bluetooth® Mouse Z5000
2HW67AA


HP Wireless Keyboard and Mouse 200
Z3Q63AA

Warranty services*

[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.[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.[8] Actual LTE band support and performance are dependent on network conditions and type of activity at time of use and will vary by region, country, and operator network.

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April 2018