Datasheet

HP ENVY x2 12-g051na

Power that takes you places

When it comes to productivity, the HP ENVY x2 is proof that less is more. By packing high-performance specs into a slim, ultraportable design this PC easily handles everything from intense multi-tasking to video editing. With up to 15 hours[1] battery life, durable construction, and advanced connectivity, there's nothing this hybrid can't handle.



Battery beyond expectation
The powerful Intel® Core™ Processor gives you incredible performance and fast transitions between applications. Plus, get up to 19 hours[2] of local video playback on a 1920 x 1280 display, enhanced with wide viewing angles and incredible detail.

Impossibly thin. Incredibly durable.
Incredibly sleek yet unbelievably durable, this PC is crafted for those always on the move. At 7.9 mm[3] thin and just 0.72 kg[4], take it anywhere thanks to a protective Corning® Gorilla® Glass display and aluminum housing.

Stay connected. Stay productive.
Push the boundaries of productivity with 4G LTE[5] options, the Windows[6] experience you know, with an adjustable folio case which allows for a smooth transition between a laptop or tablet experience.

HP Fast Charge

epeat SILVER

ENERGY STAR

[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 https://bapco.com/products/mobilemark-2014/ for additional details. [2] 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. [3] Measured at z-height of the tablet only [4] Weight and system dimensions may fluctuate due to configuration and manufacturing variances. [5] 4G LTE module is optional and requires 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. 4G LTE not available on all products, in all regions. [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.

HP ENVY x2 12-g051na

Featuring

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.

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.

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.

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.[18]

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.

WUXGA+ IPS touchscreen
Intuitive touchscreen technology lets you control your PC right from the screen. And transform your content with 1920x1200 resolution and 178º wide-viewing angles.[19]

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.[21]

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.

Versatile keyboard case design
Whether you hold it like a tablet, work in laptop mode, or lay it flat for inking—this versatile, leather-like keyboard case with pebbled texture in Oxford Blue seamlessly adjusts to the perfect angle.

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

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.

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

Datasheet

HP ENVY x2 12-g051na





Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i5-7Y54 (1.2 GHz base frequency, up to 3.2 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores)[6,7]
Processor family: 7th Generation Intel® Core™ i5 processor
Memory
8 GB LPDDR3-1866 SDRAM (onboard)
Transfer rates up to 1866 MT/s.
Storage
256 GB PCIe® NVMe™ M.2 SSD
Dropbox[1]
Graphics
Integrated Intel® HD Graphics 615
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 17 hours and 30 minutes estimated battery time[3]
Maximum battery life video playback
Up to 19 hours[3]

Connectivity

Network interface
Intel® XMM™ 7360 LTE-Advanced Mobile Broadband Module
Wireless connectivity
Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible; MU-MIMO supported)
Ports
2 USB 3.1 Type-C™ Gen 1 (Data Transfer up to 5 Gb/s, Power Delivery, DP1.3, HP Sleep and Charge); 1 headphone/microphone combo, 1 nano-SIM
Webcam
HP IR Camera with integrated dual array digital microphone; HP Wide Vision 5MP Camera; HP 13MP Camera (rear-facing)

Design

Product Color
Natural silver aluminium with a sand blast anodizing finish; Sand blast anodizing cover, small pebble grain base and keyboard frame finish

Software

HP Apps
HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Pen Control
Software
Netflix; 1 month trial for new Microsoft Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 4BA51EA #ABU
UPC/EAN code: 193015108790
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
0.47 kg (tablet); 0.78 kg (tablet and base)
Dimensions
29.3 x 21.02 x 0.79 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.
Included accessories
Stylus
Keyboard
Full-size island-style backlit keyboard
HP Imagepad with multi-touch gesture support
Features
Connect to soft keyboard cover
Sensors
Accelerometer; Gyroscope; eCompass; GPS; NFC; Ambient Light Sensor

Recommended accessories*

* Not included.

Warranty services*

Care Pack
3-year pickup and return
UM963E

[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 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.

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. 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. Microsoft, Windows, and the Windows Logo are U.S. registered trademarks of Microsoft Corporation.Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government. All other trademarks are the property of their respective owners.

May 2018