

HP recommends Windows.

# HP ENVY Phoenix 810-470 PC



## Game on.

Step up your game with the powerful HP ENVY Phoenix 810—clad in battle-worthy armor and designed to dominate opponents with performance that's simply game changing. Get in the zone like never before with lightning-fast processing, stunning graphics, and sound that puts you right in the middle of the action.

## Product overview

- **Strength in design:** Dominate in style with glowing accents and an aggressive design.
- **Change the game:** Power up with extreme processing and graphics for thrilling performance.
- **Customize with ease:** Easily access your PC's hardware to make your own upgrades.
- **BeatsAudio™:** Hear the game like never before with BeatsAudio™, designed for the best sounding, richest audio available on a PC.

## Key specifications

- **Operating system:** Windows 8.1<sup>(1)</sup>
- **Processor:** 4th generation Intel® Core™ i5-4670K processor<sup>(2b)</sup>
- **Memory:** 12GB PC3-12800 DDR3-1600 SDRAM memory<sup>(3)</sup> 1x8GB and 1x4GB
- **Hard drive:** 1TB 7200RPM Serial ATA hard drive<sup>(4b)</sup>
- **Graphics:** Intel® HD Graphics 4600<sup>(16)</sup>
- **Mouse and keyboard:** Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse<sup>(1)(96)</sup>
- **Optical drive:** SuperMulti DVD Burner<sup>(6c)</sup>
- **USB ports:** 10 (6 x 2.0, 4 x 3.0)
- **Wireless:** Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology and integrated Bluetooth® 4.0<sup>(19)(26)</sup>
- **Warranty:** 1-Year limited hardware warranty

## Product features

- **Featuring Windows 8.1**
- **Multiple displays. Perfect for gaming:** Add a second or third screen for a more immersive gaming experience. Set up multiple displays with your HP ENVY Phoenix 810 and be ready for action.<sup>(94)</sup>
- **HP Connected Drive:** It's your data. Do what you want with it. With HP Connected Drive, access everything. Find anything. Collect what matters.<sup>(41)</sup>
- **HP Connected Photo:** Enjoy your photos with access from any device, all in one place. Easily access photos across your PC and mobile devices, then celebrate your memories with photo cards, gifts, and prints.<sup>(37)</sup>
- **HP Connected Music:** Listen to music from multiple sources – all from one app. Enjoy your local music and iTunes library together with streaming services, including TuneIn Radio.<sup>(36)</sup>
- **HP SimplePass security:** Access online accounts with a single password or PIN.<sup>(10)</sup>
- **Three months of Evernote Premium included:** Keep your life on track and set reminders with Evernote.<sup>(34)</sup>
- **Overclocking capability:** Boost your gaming performance with overclocking functionality.<sup>(17)</sup>
- **McAfee® LiveSafe™:** Protect your PC from dangerous online threats with a free 30-day McAfee LiveSafe trial.<sup>(8)</sup>

## Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY Phoenix 810 PC that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified<sup>(62)</sup>
- All HP computing products are delivered by SmartWay carriers.<sup>(63)</sup>
- Recycled Packaging: Count on easy recycling every time. HP designs products and packaging that can be conveniently recycled or reused.<sup>(31)</sup>

## Warranty and support

HP Total Care provides award-winning service and support in the U.S., Canada and Latin America.

### Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **HP Support Assistant:** A free self-help tool built right into your PC.<sup>(64)</sup> Immediate, always-on, problem solving, automatic updates and diagnostics. [www.hp.com/go/hpsupportassistant](http://www.hp.com/go/hpsupportassistant)
- **Online Support:** Access to the support website, chat,<sup>(10)</sup> support forums, troubleshooting tips, software and drivers, manuals, how to videos<sup>(57)</sup> and more at [www.hp.com/go/consumersupport](http://www.hp.com/go/consumersupport)
- **Phone Support:** This product includes 90 days of complimentary telephone support<sup>(53)</sup> [www.hp.com/go/contacthp](http://www.hp.com/go/contacthp)

### Extend your coverage:

- **HP SmartFriend Service:** Personalized support by phone or protected remote PC access to make the most of your product, available at any time.<sup>(95)</sup> [www.hp.com/go/smartfriend](http://www.hp.com/go/smartfriend)
- **HP Care Packs:** Enhance and extend your protection beyond the standard limited warranty with HP Care Packs. [www.hp.com/go/totalcare](http://www.hp.com/go/totalcare)



## Specifications

<b>Operating System</b>	• Windows 8.1 <sup>(1)</sup>
<b>Processor</b>	• 4th generation Intel® Core™ i5-4670K processor <sup>(2b)</sup>
<b>Processor Speed</b>	• 3.40GHz <sup>(7)</sup>
<b>Cache</b>	• 6MB Cache
<b>Memory</b>	• 12GB PC3-12800 DDR3-1600 SDRAM memory <sup>(3)</sup> 1x8GB and 1x4GB (expandable to 32GB unbuffered with 8GB DIMMs)
<b>Hard Drive</b>	• 1TB 7200RPM Serial ATA hard drive <sup>(4b)</sup>
<b>Optical Drive(s)</b>	• SuperMulti DVD Burner <sup>(5d)</sup> • <b>Write:</b> 16x max DVD±R, 8x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 40x max CD-R, 24x max CD-RW • <b>Read:</b> 16x max DVD-ROM, 40x max CD-ROM • Data transfer rates up to 6,000 KB/s (CD read/write) and 21,600 KB/s (DVD read/write)
<b>Video Graphics</b>	• Intel® HD Graphics 4600 <sup>(16)</sup> • Up to 1792MB Total Available Graphics Memory as allocated by Windows 8
<b>Network Interface</b>	• 10/100/1000 Base-T Network <sup>(29)</sup>
<b>Wireless Connectivity</b>	• Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 2x2 MIMO technology and integrated Bluetooth® 4.0 <sup>(19)(26)</sup>
<b>Sound</b>	• High Definition Audio with up to 7.1 surround sound capabilities • BeatsAudio™ <sup>(50)</sup>
<b>Memory Slots</b>	• 4 DIMM (240-pin) (two available)
<b>Expansion Slots</b>	• 1 PCI-E x1 (occupied) • 1 PCI-E x16 (available) • 1 PCI-E x 0.5 mini socket slot (occupied)
<b>Expansion Bays</b>	• 2 External 5.25" (one available) • 3 Internal 3.5" (two available)
<b>Memory Card Reader</b>	• HP 15-in-1 Multi-slot Media Card Reader - Supports SD, SDHC, SDXC, Compact Flash I, Compact Flash II, Microdrive, Smart Media, Memory Stick, Memory Stick Select, Memory Stick PRO, Memory Stick MagicGate, Memory Stick Duo, Memory Stick PRO Duo, Memory Stick MagicGate Duo, Memory Stick PRO-HG Duo (8-bit)
<b>External Ports</b>	• Headphone and Microphone • Top I/O: 2 USB 3.0 • Rear: 2 USB 2.0, 2 USB 3.0 • Optical Audio Output • Rear I/O Panel Surround Audio Jacks (Surround L/R, Center/LFE, Surround rear L/R) • Front I/O: 4 USB 2.0
<b>Multi-Display Capable</b>	• One DVI-I+ One HDMI at rear I/O area
<b>Mouse and Keyboard</b>	• Wireless chiclet-style keyboard with volume control, Windows 8 hot keys and optical mouse <sup>(10)(9)</sup>
<b>Power Supply</b>	• 460W Power Supply (Internal)
<b>Dimensions</b>	• <b>Unpackaged:</b> 16.88 in (L) x 6.86 in (W) x 16.29 in (H) approx. • <b>Packaged:</b> 19.65 in (L) x 11.22 in (W) x 20.51 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 22.07 lb approx. • <b>Packaged:</b> 27.25 lb approx.
<b>Warranty and Support</b>	• 1-Year limited hardware warranty. Additional information available at <a href="http://www.hp.com/support">www.hp.com/support</a> • Complimentary chat support within warranty period, <sup>(10)</sup> available at <a href="http://www.hp.com/go/contacthp">www.hp.com/go/contacthp</a> • 90-Days Phone Support (from date of purchase) <sup>(23)</sup>

## Learn more at [hp.com](http://hp.com)

<sup>(1)</sup> Not all features are available in all editions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See <http://www.microsoft.com> <sup>(2a)</sup> Intel's numbering is not a measurement of higher performance. Dual-core/multi-core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. <sup>(3)</sup> Up to 512MB of main system memory may be allocated to support video graphics. <sup>(4a)</sup> For hard drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of hard drive is reserved for system recovery software. <sup>(4b)</sup> Actual speeds may vary. Don't copy copyright-protected materials. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 GB Double Sided - Version 1.0 media. <sup>(7)</sup> GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. <sup>(8)</sup> Internet access required and not included. Subscription required after 30 days trial period. <sup>(10)</sup> Internet access required and not included. <sup>(16)</sup> Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available for other use by other programs. <sup>(19)</sup> Altering clock frequency and/or voltage may: (i) reduce system stability and useful life of the system, processor, and other system components; (ii) cause the processor and other system components to fail; (iii) cause reductions in system performance; (iv) cause additional heat or other damage; and (v) affect system data integrity. HP and Intel have not tested, and does not warranty, the operation of the processor beyond its specifications. HP and Intel have not tested, and do not warranty, the operation of other system components beyond their industry standard specifications. HP and Intel assume no responsibility that the processor and other system components, including if used with altered clock frequencies and/or voltages, will be fit for any particular purpose. <sup>(19)</sup> Wireless access point and Internet service required and not included. Availability of public wireless access points limited. <sup>(22)</sup> 25GB of free online storage for six months from date of registration. For complete details and terms of use, including cancellation policies, visit the website at [www.dropbox.com](http://www.dropbox.com). Internet service required and not included. <sup>(26)</sup> Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. Optional features sold separately or as add-on features. <sup>(29)</sup> Actual speeds may vary. <sup>(31)</sup> Free recycling in select countries. Program may not be available in your area. Check [www.hp.com/go/recycling](http://www.hp.com/go/recycling) to see if HP offers free recycling in your area. <sup>(37)</sup> Availability of features varies by country and operating system. Supported on Android and Windows 8 & 8.1 operating systems. Synchronizes with Snapfish app, available on iOS and Android operating systems. Free Snapfish membership required. Internet service required and not included. Print ordering through Snapfish available for pick up at select retailers in the U.S. only. <sup>(38)</sup> Availability of features varies by country. Streaming services may require a paid subscription. May not be compatible with all music files. Not compatible with DRM tracks. Internet service required and not included. <sup>(41)</sup> Supported on Android, Windows 8, and iOS operating systems. Internet service required and not included. Available only in the US, UK, New Zealand, and Australia. <sup>(49)</sup> Headphones or speakers required for BeatsAudio™ sound and sold separately. <sup>(53)</sup> Call 1.800.474.6836 or [www.hp.com/go/contacthp](http://www.hp.com/go/contacthp) for more information on Care Packs available after 90 days. <sup>(56)</sup> For more information visit [hp.com/go/hpsupportassistant](http://hp.com/go/hpsupportassistant). Link will vary outside of the U.S. HP Support Assistant is available for Android and Windows based PCs. <sup>(57)</sup> Internet connection required for updating and connecting to HP Support. <sup>(62)</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. <sup>(63)</sup> Designation based on actions to reduce transportation-related emissions. <sup>(64)</sup> Internet service required and not included. Click the Office icon for more details on the Office product that is right for you. Optional features sold separately or as add-on features. <sup>(79)</sup> Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included. <sup>(84)</sup> Sold separately or as an optional feature. <sup>(95)</sup> HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24 x 7 support available in the US only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. <sup>(96)</sup> Hot keys on the Windows 8 keyboard will only function on a Windows 8 system. For full functionality of the share hot key, internet access is required and not included. Monitor and speakers sold separately. Actual product may vary from image shown on datasheet. ©2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. 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## Software

<b>Communication and Chat</b>	• <b>mySMS text messaging:</b> Send and receive texts on your PC. <sup>(10)</sup>
<b>Games</b>	• <b>Wild Tangent Games for HP pre-installed.</b> Your HP computer comes with 10 Free Sessions of Plants vs. Zombies (\$9.99 value) and preloaded with a free game Farm Frenzy (\$9.99 value). <sup>(79)</sup> • <b>Microsoft Games:</b> (Solitaire, Mahjong) Free pre-installed Windows 8 games, ready to play.
<b>HP Help and Support</b>	• <b>Getting Started with Windows 8:</b> Enjoy a whole new way of using your PC. Our Windows 8.1 introduction shows you all the tips and tricks for keeping focused on what matters to you. <sup>(11)</sup> • <b>HP Support Assistant:</b> Enjoy immediate, always-on, self-help support built right into your PC, for the life of your PC, absolutely free. <sup>(56)(57)</sup>
<b>Shopping and Services</b>	• <b>TripAdvisor:</b> Easily find the lowest airfare, the best hotels, great restaurants, and fun things to do wherever you go. <sup>(10)</sup>
<b>Books, Music, Photos and Videos</b>	• <b>BeatsAudio™:</b> With BeatsAudio™, dual speaker, and a subwoofer port, the HP ENVY is designed for the best sounding, richest audio available on a PC. • <b>CyberLink MediaEspresso:</b> Convert videos, photos, and music files across devices blazingly fast. • <b>CyberLink PhotoDirector:</b> Makes it easy to create spectacular photos. From the moment your images are imported, the software empowers you with the tools you need to create eye-catching images, including photo management, photo adjustment and advanced editing features. • <b>CyberLink PowerDirector:</b> Fast, feature-rich and easy to use, the powerful set of integrated tools lets you create brilliant videos. Whether you're practically an expert or a novice. Packed with intuitive and exciting features and is designed for creating brilliant high definition videos that will amaze your friends and family. • <b>CyberLink Power Media Player:</b> Upgrade your video watching experience with CyberLink's TrueTheater technology including enhanced lighting features and improved audio quality. • <b>HP Connected Music:</b> Listen to music from multiple sources – all from one app. Enjoy your local music and iTunes library together with streaming services, including Tuneln Radio. <sup>(58)</sup> • <b>HP Connected Photo:</b> Enjoy your photos with access from any device, all in one place. Easily access photos across your PC and mobile devices and celebrate your memories with photo cards, gifts, and prints for delivery by mail, in-store pick up, or even print at home. <sup>(57)</sup> • <b>Netflix:</b> Watch movies and TV online or via DVDs with subscription.
<b>Productivity and Tools</b>	• <b>7-Zip:</b> File Archive Utility • <b>Meet the new Office:</b> The most powerful Office yet. Your content when and where you need it. <sup>(64)</sup> • <b>CyberLink PowerBackup:</b> Archive files, folders, and application data and schedule automatic backups. • <b>Dropbox:</b> Store and synchronize your content online with Dropbox. Get 25GB of storage to access, manage, and share your photos, music, and files from anywhere with Internet access. <sup>(22)</sup> • <b>Three months of Evernote Premium included:</b> Organize your everyday life. <sup>(34)</sup> • <b>Foxit PhantomPDF:</b> Read, create, sign, annotate, and print PDF documents and fill out PDF forms with this fast, protected, feature-rich PDF solution. • <b>HP Connected Drive:</b> It's your data. Do what you want with it. With HP Connected Drive, access everything. Find anything. Collect what matters. <sup>(41)</sup> • <b>HP Recovery Manager:</b> Recover, restore, and create recovery media for your PC.
<b>Security and Protection</b>	• <b>HP SimplePass security:</b> Access online accounts with a single password or PIN. <sup>(10)</sup> • <b>McAfee®:</b> Protect your PC from dangerous online threats with a free 30-day McAfee LiveSafe™ trial. <sup>(6)</sup>

## Additional information

<b>Product Number</b>	• K5G97AA#ABA
<b>Ad embargo date</b>	• 02/08/2015
<b>UPC code</b>	• 889296048985
<b>Country of origin</b>	• Mexico
<b>Tariff number</b>	• 8471500085
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 88.19 in (H) approx. • <b>Total weight:</b> 894.17 lb approx. • <b>Layers:</b> 4 • <b>Products per layer:</b> 8 • <b>Total products per pallet:</b> 32

