

# HP Pavilion 23-q110 All-in-One



## More than a PC. A centerpiece.

This leading All-in-One's distinctive look brings fashionable design to the center of your home.

### Product overview

- The wow factor:** Beautifully engineered to be the perfect addition to your décor.
- Powered to do more:** An exciting level of power with the latest processor technology.
- Edge-to-edge entertainment:** Full HD resolution with an edge-to-edge glass IPS display brings your movies to life.<sup>(33)</sup>
- A truly powerful audio experience:** Immerse yourself in a truly authentic audio experience. Don't just listen...let HP with B&O PLAY move you.

### Key specifications

- Operating system:** Windows 10 Home<sup>(1b)</sup>
- Processor:** AMD Quad-Core A8-7410 Accelerated Processor<sup>(2a)</sup>
- Integrated Display:** 10-point touch-enabled 23" diagonal widescreen IPS Full HD<sup>(33)</sup> LED backlit display (1920x1080)
- Memory:** 4GB PC3-12800 DDR3L-1600 SDRAM memory<sup>(3)</sup> 1X4GB
- Hard drive:** 1TB 7200RPM Serial ATA hard drive<sup>(4b)</sup>
- Graphics:** AMD Radeon™ R5 Graphics<sup>(16)</sup>
- Mouse and keyboard:** Black and white wireless chiclet-style keyboard with volume control and black and white optical mouse
- Optical drive:** Ultra Slim Tray SuperMulti DVD Burner<sup>(6c)</sup>
- USB ports:** 6 (4 x 2.0, 2 x 3.0)
- Connectivity:** HDMI Out
- Wireless:** Integrated Bluetooth® 4.0 and Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 1x1 technology<sup>(19)(26)</sup>
- Warranty:** 1-Year limited hardware warranty

### Product features

- Windows 10 Home is here. Do great things.<sup>(1b)</sup>**
- Adjustable touchscreen:** Adjust the touchscreen to your most natural position, no matter how you use your PC.
- Re-writable DVD drive:** Watch DVD movies. Or write your own media.<sup>(6c)</sup>
- Snapshot:** Enjoy your photos with access from any device, all in one place. Celebrate your memories with photo gifts and prints for delivery by mail, in-store pick-up, or print to any printer anywhere.<sup>(36)</sup>
- Packed with ports:** Connect to displays, printers, devices, and more with ease.
- Store more:** Up to 1TB of storage for more music, videos, and photos.<sup>(4b)</sup>
- Dual displays:** Perfect for productivity. Add a second display for a more immersive computing experience.
- Dropbox:** Get 25GB of free online storage for six months with Dropbox.<sup>(22)</sup>
- Three months of Evernote Premium included:** Keep your life on track and set reminders with Evernote.<sup>(34)</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 Pavilion All-in-One that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified<sup>(62)</sup>
- EPEAT® Silver registered<sup>(27)</sup>
- Mercury-free display backlights
- Low Halogen<sup>(61)</sup>
- Arsenic-free display glass
- 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>(56)</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.<sup>(63)</sup> [www.hp.com/go/cpc](http://www.hp.com/go/cpc)



## Specifications

<b>Operating System</b>	• <b>Windows 10 Home<sup>(1b)</sup></b>
<b>Processor</b>	• AMD Quad-Core A8-7410 Accelerated Processor <sup>(2a)</sup>
<b>Processor Speed</b>	• 2.20GHz <sup>(7)</sup>
<b>Cache</b>	• 2MB L2 Cache
<b>Memory</b>	• 4GB PC3-12800 DDR3L-1600 SDRAM memory <sup>(3)</sup> 1X4GB (expandable to 16GB)
<b>Hard Drive</b>	• 1TB 7200RPM Serial ATA hard drive <sup>(4b)</sup>
<b>Optical Drive(s)</b>	• Ultra Slim Tray SuperMulti DVD Burner <sup>(6c)</sup> • <b>Write:</b> 8x max DVD±R SL, 6x max DVD±R DL, 8x max DVD+RW, 6x max DVD-RW, 5x max DVD-RAM, 24x max CD-R, 10x max CD-RW • <b>Read:</b> 8x max DVD-ROM/±R (SL/DL), 8x max DVD±RW, 5x max DVD-RAM, 24x max CD-ROM/R/RW • Data transfer rates up to 3,600 KB/s (CD read/write) and 10,800 KB/s (DVD read/write)
<b>Video Graphics</b>	• AMD Radeon™ R5 Graphics <sup>(1b)</sup> • Up to 2048MB Total Available Graphics Memory as allocated by Windows 10
<b>Network Interface</b>	• 10/100/1000 Base-T Network <sup>(2b)</sup>
<b>Wireless Connectivity</b>	• Integrated Bluetooth® 4.0 and Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 1x1 technology <sup>(19)(26)</sup>
<b>Sound</b>	• Integrated speakers • B&O PLAY
<b>Memory Slots</b>	• 2 DDR3 DIMM (SO-DIMM) (one available)
<b>Expansion Slots</b>	• 1 M.2 (occupied)
<b>Memory Card Reader</b>	• HP 3-in-1 Media Card Reader—Supports SD, SDHC, SDXC.
<b>External Ports</b>	• Headphone/Microphone Combo • HDMI Out • Rear I/O: 4 USB 2.0 • Bottom: 2 USB 3.0
<b>Mouse and Keyboard</b>	• Black and white wireless chiclet-style keyboard with volume control and black and white optical mouse
<b>Web Camera</b>	• Fixed 720p HD low-light Webcam with Built-in Microphone Array <sup>(10)</sup>
<b>Integrated Display</b>	• 10-point touch-enabled 23" diagonal widescreen IPS Full HD <sup>(33)</sup> LED backlit display (1920x1080)
<b>Display Resolution</b>	• 1920x1080 (Full HD) <sup>(20)</sup>
<b>Tilt/Stand Design</b>	• <b>Tilt Angle:</b> -5 to 30 • <b>Stand Type:</b> Cantilever
<b>Power Supply</b>	• 90W Power Supply (external)
<b>Dimensions</b>	• <b>Unpackaged:</b> 22.35 in (L) x 7.60 in (W) x 17.74 in (H) approx. • <b>Packaged:</b> 26.22 in (L) x 9.09 in (W) x 21.38 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 17.75 lb approx. • <b>Packaged:</b> 24.62 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> • 90-Days Phone Support (from date of purchase) <sup>(53)</sup>

## Software

<b>Games</b>	• <b>Wild Tangent Games for HP pre-installed.</b> Your HP computer comes with 10 free sessions of Delicious Emily's Wonder Wedding Premium Edition (\$19.99 value) and 10 free sessions of Runefall (\$9.99 value). <sup>(79)</sup>
<b>HP Help and Support</b>	• <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>

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

<sup>(1b)</sup> Not all features are available in all editions or versions of Windows 10. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows 10 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><sup>(2a)</sup> AMD's numbering is not a measurement of clock speed. 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. AMD and Radeon are trademarks of Advanced Micro Devices, Inc.<sup>(3)</sup> Up to 512MB of main system memory may be allocated to support video graphics.<sup>(4b)</sup> For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software.<sup>(6c)</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. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries.<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> Wireless access point and Internet service required and not included. Availability of public wireless access points limited.<sup>(20)</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.<sup>(22)</sup> 256GB 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>(23)</sup> Intended for your original content and other lawful purposes. Do not copy copyright-protected material.<sup>(24)</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.<sup>(27)</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.<sup>(28)</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>(33)</sup> High-definition (HD) content is required to view high definition images.<sup>(34)</sup> Subscription required after 90 days.<sup>(36)</sup> App availability varies by country. Supported on Windows 8.1 and above, Android and iOS operating systems. Free Snapfish membership required. Internet service required and not included. Print ordering for pick-up at select retailers available in U.S. only.<sup>(53)</sup> Call 1.877.232.8009 or [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services) 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>(61)</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.<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 as an add-on feature.<sup>(78)</sup> Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included.<sup>(80)</sup> Service levels and response times for HP Care Pack Services may vary depending on geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. HP Care Packs are sold separately. See [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services) for details.<sup>(95)</sup> HP SmartFriend will support any major brand of computer and tablet running Windows, OSX, iOS, Android, and Chrome OS. 24 x 7 phone support is available in the US only. Service availability varies by country/region. Internet connection required for remote support. HP SmartFriend sold separately or as an add-on feature. Actual product may vary from image shown on datasheet. © Copyright 2015 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 shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 08/6\_r7jr

## Books, Music, Photos and Videos

- **CyberLink PhotoDirector:** 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.<sup>(23)</sup>
- **CyberLink YouCam:** Take pictures, record video, and get creative with special photo editing and video effects.
- **Netflix:** Watch movies and TV online or via DVDs with subscription.
- **CyberLink PowerDirector:** 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.<sup>(23)</sup>
- **CyberLink Power Media Player:** Upgrade your video watching experience with CyberLink's TrueTheater technology including enhanced lighting features and improved audio quality.
- **B&O PLAY:** Immerse yourself in a truly authentic audio experience. Don't just listen ... let HP with B&O PLAY move you.
- **Snapfish:** Enjoy your photos with access from any device, all in one place. Celebrate your memories with photo gifts and prints for delivery by mail, in-store pick-up, or print to any printer anywhere.<sup>(36)</sup>

## Productivity and Tools

- **Meet the new Office:** The most powerful Office yet. Your content when and where you need it.<sup>(64)</sup>
- **HP Recovery Manager:** Recover, restore, and create recovery media for your PC.
- **Dropbox:** 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>
- **Three months of Evernote Premium included:** Keep your life on track and set reminders with Evernote.<sup>(34)</sup>

## Security and Protection

- **McAfee®:** Protect your PC from dangerous online threats with a free 30-day McAfee LiveSafe™ trial.<sup>(8)</sup>

## Additional information

<b>Product Number</b>	• M9Z59AA#ABA
<b>Ad embargo date</b>	• 9/13/2015
<b>UPC code</b>	• 889296919889
<b>Country of origin</b>	• China • Mexico
<b>Tariff number</b>	• 8471500085
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 69.40 in (H) approx. • <b>Total weight:</b> 447.50 lb approx. • <b>Layers:</b> 3 • <b>Products per layer:</b> 6 • <b>Total products per pallet:</b> 18

