

# HP All-in-One 20-c020



**Redesigned. Reliable.  
Ready for you.**

Whether your family is looking to surf, stream or tackle that next big assignment, this budget friendly All-in-One has been redesigned to give everyone what they need.

## Product overview

- **Powered for every day:** The latest processors and plenty of storage power your family's content to new heights.
- **Quality everyone can count on:** Backed by over 100 tests, your HP All-in-One is family approved.<sup>(52)</sup>
- **A pop of personality:** Completely redesigned with a stylish ripple pattern and a new, elevated stand.

## Key specifications

- **Operating system:** Windows 10 Home<sup>(1)</sup>
- **Processor:** AMD E2-7110 Processor<sup>(2a)</sup>
- **Integrated Display:** 19.5" diagonal widescreen HD+<sup>(33a)</sup> TN WLED-backlit display (1600 x 900)
- **Memory:** 4 GB DDR3L-1600 SDRAM memory<sup>(3)</sup> (1x4 GB)
- **Hard drive:** 1 TB 7200RPM SATA hard drive<sup>(4b)</sup>
- **Graphics:** AMD Radeon™ R2 Graphics<sup>(16)</sup>
- **Mouse and keyboard:** HP USB White Wired Keyboard with volume control and USB White Wired Optical Mouse
- **Optical drive:** Ultra Slim-tray SuperMulti DVD Burner<sup>(6c)</sup>
- **USB ports:** 4 (2 x 2.0, 2 x 3.0)
- **Connectivity:** HDMI Out
- **Wireless:** Wireless LAN 802.11b/g/n (1x1) and Bluetooth® 4.0 M.2<sup>(19)(26)</sup>
- **Warranty:** 1-Year limited Hardware warranty.

## Product features

- **Windows 10 Home is here. Do great things.<sup>(1)</sup>**
- **Quad-core processors:** Quality processing power means everyday productivity.
- **Crisp details:** Enjoy your photos, movies, and games with this HD+ display in crystal-clear quality.<sup>(33a)</sup>
- **HDD Storage:** Grow your digital collections and still have room left over.
- **Surrounded by exceptional audio:** DTS Studio Sound provides an immersive listening experience for music, videos, and games.<sup>(49a)</sup>
- **Re-writable DVD drive:** Watch DVD movies. Or write your own media.<sup>(6c)</sup>
- **Face-to-face from anywhere:** Enjoy the crisp details and clarity of smoother video chats.<sup>(10)</sup>
- **One year of free cloud storage:** Get 25GB of free online storage for one year with Dropbox.<sup>(22)</sup>
- **McAfee® LiveSafe™:** Protect your operating systems 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 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>
- Low Halogen<sup>(61)</sup>
- Mercury-free display backlights
- 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

Our Customer Support Team consistently provides quick, responsive assistance 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 - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.<sup>(56)(57)</sup>
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com><sup>(10)</sup>
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Forum at [hp.com/supportforum](http://hp.com/supportforum), on Twitter at [twitter.com/HPSupport](https://twitter.com/HPSupport), and Facebook at [facebook.com/HPSupport](https://facebook.com/HPSupport)<sup>(10)</sup>
- **Phone Support:** This product includes 90 days of complimentary phone support<sup>(53)</sup> After 90 days, a fee may apply.



## Specifications

<b>Operating System</b>	• <b>Windows 10 Home</b> <sup>(1)</sup>
<b>Processor</b>	• AMD E2-7110 Processor <sup>(2a)</sup> • Quad-Core
<b>Processor Speed</b>	• 1.80GHz <sup>(7)</sup>
<b>Cache</b>	• 2MB L2 cache
<b>Memory</b>	• 4 GB DDR3L-1600 SDRAM memory <sup>(3)</sup> (1 x4 GB) (expandable to 8 GB)
<b>Hard Drive</b>	• 1 TB 7200RPM SATA hard drive <sup>(4b)</sup>
<b>Finish</b>	• HP finish in snow white
<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™ R2 Graphics <sup>(16)</sup> • Up to 2142 MB Total Available Graphics Memory as allocated by Windows 10
<b>Network Interface</b>	• 10/100/1000 Base-T Network <sup>(29)</sup>
<b>Wireless Connectivity</b>	• Wireless LAN 802.11b/g/n (1x1) and Bluetooth® 4.0 M.2 <sup>(19)(26)</sup>
<b>Sound</b>	• Integrated speakers • DTS Studio Sound™ <sup>(49a)</sup>
<b>Memory Slots</b>	• 1 DDR3L DIMM (SODIMM) (occupied)
<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: 2 USB 2.0, 2 USB 3.0
<b>Mouse and Keyboard</b>	• HP USB White Wired Keyboard with volume control and USB White Wired Optical Mouse
<b>Web Camera</b>	• HP Webcam <sup>(10)</sup>
<b>Microphone</b>	• Dual array digital microphones
<b>Integrated Display</b>	• 19.5" diagonal widescreen HD+ <sup>(93a)</sup> TN WLED-backlit display (1600 x 900)
<b>Display Resolution</b>	• 1600 x 900 (HD+) <sup>(20)</sup>
<b>Power Supply</b>	• 65 W external AC power adapter
<b>Dimensions</b>	• <b>Unpackaged:</b> 18.40 in (L) x 7.24 in (W) x 14.56 in (H) approx. • <b>Packaged:</b> 23.40 in (L) x 8.90 in (W) x 18.54 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 10.56 lb approx. • <b>Packaged:</b> 15.30 lb approx.
<b>Warranty and Support</b>	• 1-Year limited Hardware warranty. Additional information available at <a href="http://www.support.hp.com">www.support.hp.com</a> • 90 days Limited Technical support for Software and Initial Setup (from date of purchase) <sup>(53)</sup>

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

<sup>(1)</sup> 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>. <sup>(2a)</sup> 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. AMD's numbering is not a measurement of clock speed. 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>(9)</sup> Internet access required and not included. <sup>(10)</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> 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox 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>(26)</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. <sup>(27)</sup> EPEAT® Silver registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. <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>(32a)</sup> High-definition Plus (HD+) content is required to view high definition plus images. <sup>(32b)</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>(49a)</sup> For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS Studio Sound is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved. <sup>(52)</sup> HP Total Test Protection Care Pack is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack. <sup>(53)</sup> Call 1.800.474.6836 or [www.support.hp.com](http://www.support.hp.com) for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. <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 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>(83)</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. For details, visit [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services). <sup>(85)</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. Actual product may vary from image shown on datasheet. © Copyright 2016 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. 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## 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> Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it. <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>Netflix:</b> Watch movies and TV online or via DVDs with subscription. <sup>(10)</sup> • <b>Cyberlink PowerDirector:</b> Create picture-perfect portraits and pro-quality videos with powerful editing tools. <sup>(23)</sup> • <b>CyberLink Power Media Player:</b> Universal media player with enhanced playback quality • <b>DTS Studio Sound™:</b> Provides an immersive listening experience for music, videos, and games. <sup>(49a)</sup> • <b>Snapfish:</b> 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>
<b>Productivity and Tools</b>	• <b>Dropbox:</b> Get 25GB of free online storage for one year with Dropbox. <sup>(22)</sup> • <b>HP Recovery Manager:</b> Recover, restore, and create recovery media for your PC. • <b>Meet the new Office:</b> The most powerful Office yet. Your content when and where you need it. <sup>(64)</sup>
<b>Security and Protection</b>	• <b>McAfee®:</b> Protect your operating systems with a free 30-day McAfee LiveSafe™ trial. <sup>(6)</sup>

## Additional information

<b>Product Number</b>	• V8P23AA#ABA
<b>Ad embargo date</b>	• 7/3/2016
<b>UPC code</b>	• 889899325377
<b>Country of origin</b>	• China
<b>Tariff number</b>	• 8471500085
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 80.00 in (H) approx. • <b>Total weight:</b> 538.00 lb approx. • <b>Layers:</b> 4 • <b>Products per layer:</b> 8 • <b>Total products per pallet:</b> 32

