

# HP Slimline 450-a120



## Slim on size. Big on reliability.

Conquer your day with this newly redesigned HP tower that is reliable, slimmer, and also affordable.

### Product overview

- **Quality engineering:** Rigorously tested hardware so you can buy confidently and affordably.
- **Names you know. Performance you can trust.** Reliable and proven technology with an AMD processor and Windows 10 Home.<sup>(1b)</sup>
- **Built for creativity:** Create picture-perfect portraits and pro-quality videos with powerful editing tools.
- **DTS Studio Sound™:** Enjoy dynamic audio nuances and rich sounds with DTS Studio Sound.<sup>(49a)</sup>

### Key specifications

- **Operating system:** Windows 10 Home<sup>(1b)</sup>
- **Processor:** AMD E1-6015 Accelerated Processor<sup>(2a)</sup>
- **Memory:** 4GB PC3-12800 DDR3-1600 SDRAM memory<sup>(3)</sup> 1x4GB
- **Hard drive:** 500GB 7200RPM Serial ATA hard drive<sup>(4a)</sup>
- **Graphics:** AMD Radeon™ R2 Graphics<sup>(16)</sup>
- **Mouse and keyboard:** USB keyboard with volume control and optical mouse
- **Optical drive:** Ultra Slim Tray SuperMulti DVD Burner<sup>(6c)</sup>
- **USB ports:** 6 (4 x 2.0, 2 x 3.0)
- **Wireless:** Wireless LAN 802.11b/g/n featuring Single-band (2.4GHz) 1x1 SISO technology<sup>(19)</sup>
- **Warranty:** 1-Year limited hardware warranty

### Product features

- **Windows 10 Home is here. Do great things.**<sup>(1b)</sup>
- **Dropbox:** Get 25GB of free online storage for six months with Dropbox.<sup>(22)</sup>
- **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>
- **Packed with ports:** Connect to displays, printers, devices, and more with ease.
- **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 Slimline that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified<sup>(62)</sup>
- EPEAT® Silver registered<sup>(27)</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>(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>(83)</sup> [www.hp.com/go/cpc](http://www.hp.com/go/cpc)



## Specifications

<b>Operating System</b>	• <b>Windows 10 Home</b> <sup>(19)</sup>
<b>Processor</b>	• AMD E1-6015 Accelerated Processor <sup>(2a)</sup> • Dual-Core
<b>Processor Speed</b>	• 1.40GHz <sup>(7)</sup>
<b>Cache</b>	• 1MB L2 cache
<b>Memory</b>	• 4GB PC3-12800 DDR3-1600 SDRAM memory <sup>(3)</sup> 1x4GB (expandable to 16GB)
<b>Hard Drive</b>	• 500GB 7200RPM Serial ATA hard drive <sup>(4a)</sup>
<b>Optical Drive(s)</b>	• Ultra Slim Tray SuperMulti DVD Burner <sup>(5c)</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 2048MB Total Available Graphics Memory as allocated by Windows 10
<b>Network Interface</b>	• 10/100 Base-T Network <sup>(29)</sup>
<b>Wireless Connectivity</b>	• Wireless LAN 802.11b/g/n featuring Single-band (2.4GHz) 1x1 SISO technology <sup>(19)</sup>
<b>Sound</b>	• High Definition Audio with up to 5.1 surround sound capabilities • DTS Studio Sound™ <sup>(49a)</sup>
<b>Memory Slots</b>	• 2 DDR3 DIMM (240-pin) (one available)
<b>Expansion Slots</b>	• 1 PCI-E x0.5 mini socket slot (occupied)
<b>Expansion Bays</b>	• 1 internal 3.5" (occupied)
<b>Memory Card Reader</b>	• HP 7-in-1 Media Card Reader-Supports SD, SDHC, SDXC, Memory Stick, Memory Stick Select, Memory Stick PRO, Memory Stick MagicGate.
<b>External Ports</b>	• Headphone/Microphone Combo • Front I/O: 2 USB 2.0 • Rear: 2 USB 2.0, 2 USB 3.0
<b>Multi-Display Capable</b>	• VGA+DVI-D at rear I/O area
<b>Mouse and Keyboard</b>	• USB keyboard with volume control and optical mouse
<b>Power Supply</b>	• 65W Power Supply (external)
<b>Dimensions</b>	• <b>Unpackaged:</b> 15.59 in (L) x 3.94 in (W) x 12.58 in (H) approx. • <b>Packaged:</b> 19.41 in (L) x 15.67 in (W) x 9.57 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 13.12 lb approx. • <b>Packaged:</b> 15.37 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>(50)(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>(16)</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>(4a)</sup> For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 35GB of 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. 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>(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>(23)</sup> Intended for your original content and other lawful purposes. Do not copy copyright protected material. <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>(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>(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>(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>(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>(54)</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>(89)</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>(99)</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. Monitor and speakers sold separately. 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. 09/8\_r1r

<b>Books, Music, Photos and Videos</b>	<ul style="list-style-type: none"> <li>• <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.<sup>(23)</sup></li> <li>• <b>Netflix:</b> Watch movies and TV online or via DVDs with subscription.</li> <li>• <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.<sup>(23)</sup></li> <li>• <b>CyberLink Power Media Player:</b> Upgrade your video watching experience with CyberLink's TrueTheater technology including enhanced lighting features and improved audio quality.</li> <li>• <b>DTS Studio Sound™:</b> Enjoy dynamic audio nuances and rich sounds with DTS Studio Sound.<sup>(49a)</sup></li> <li>• <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></li> </ul>
<b>Productivity and Tools</b>	<ul style="list-style-type: none"> <li>• <b>Meet the new Office:</b> The most powerful Office yet. Your content when and where you need it.<sup>(64)</sup></li> <li>• <b>HP Recovery Manager:</b> Recover, restore, and create recovery media for your PC.</li> <li>• <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></li> <li>• <b>Three months of Evernote Premium included:</b> Keep your life on track and set reminders with Evernote.<sup>(34)</sup></li> </ul>
<b>Security and Protection</b>	<ul style="list-style-type: none"> <li>• <b>McAfee®:</b> Protect your PC from dangerous online threats with a free 30-day McAfee LiveSafe™ trial.<sup>(69)</sup></li> </ul>

## Additional information

<b>Product Number</b>	• M9Z80AA#ABA
<b>Ad embargo date</b>	• 9/06/2015
<b>UPC code</b>	• 889296939948
<b>Country of origin</b>	• Mexico
<b>Tariff number</b>	• 8471500085
<b>Pallet information</b>	<ul style="list-style-type: none"> <li>• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 88.19 in (H) approx.</li> <li>• <b>Total weight:</b> 860.00 lb approx.</li> <li>• <b>Layers:</b> 9</li> <li>• <b>Products per layer:</b> 6</li> <li>• <b>Total products per pallet:</b> 54</li> </ul>

