

# OMEN X Desktop 900-010



**Don't just participate. Dominate.**

Insane power and innovative cooling easily take on the latest AAA games. And with an easily upgradable case, this PC can evolve to satisfy any future performance demands.

## Product overview

- **Customize and conquer:** Angled for easy access, this galvanized steel case delivers unprecedented upgradability.
- **Stay cool under pressure:** With tri-chamber thermal management and liquid cooling, you never have to compromise on performance.
- **Intimidating performance:** Overclocking Intel® processor, AMD graphics, 8 GB of DDR4 RAM, four 3.5" storage bays and one M.2 SSD storage slot, and a 1300W PSU.
- **VR ready. Gamer approved.** Tuned for optimal VR performance, get equipped for the future of gaming.

## Key specifications

- **Operating system:** Windows 10 Home<sup>(1)</sup>
- **Processor:** 6th generation Intel® Core™ i7-6700K processor<sup>(2b)</sup>
- **Memory:** 8 GB DDR4-2133 SDRAM memory<sup>(3)</sup> (1x8 GB)
- **Hard drive:** 2 TB 7200RPM SATA hard drive<sup>(4b)</sup>
- **Solid state drive:** 256 GB PCIe® NVMe™ M.2 Solid State Drive<sup>(15)</sup>
- **Graphics:** AMD Radeon™ RX 480 graphics card with 4 GB GDDR5 dedicated memory
- **USB ports:** 10 (8 x 3.0, 2 x USB 3.0 Type-C<sup>(16)</sup>)
- **Wireless:** Wireless LAN 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2<sup>(19a)(26)</sup>
- **Warranty:** 2-Year limited Hardware warranty.

## Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.<sup>(1)</sup>
- **AMD Radeon RX graphics:** Get the ultra-smooth top level gaming performance you need for incredible 4K and VR experiences.
- **6th generation Intel® Core™ processor:** Master multitasking with four cores that efficiently divide up your tasks.
- **Intel K Processor:** Game, stream, and edit videos like never before with exceptional power and more options for overclocking.<sup>(17)</sup>
- **Revolutionary thermal design:** The tri-chamber design separates the GPU, hard drives, and power supply into their own cooling chambers.
- **Tool-less access:** Easily swap out the hard drives or get inside the system with the included double-sided screwdriver.
- **Adheres to industry standards:** With an easy access angled design, and support for aftermarket parts, it's the ultimate DIY desktop.
- **Overclocking capability:** Boost your gaming performance with turbocharged processor speeds.<sup>(17)</sup>
- **Liquid cooling:** Hassle-free thermal management helps protect sensitive components from heat overload.
- **Quad Storage Bay:** Four hard drive bays let you swap out storage without even opening the case.
- **1300 watt power supply:** Easily power multiple hard drives, dual GPUs, and power hungry CPUs
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.<sup>(4a)</sup>
- **PCIe SSD storage:** PCIe solid state storage with up to 17x faster performance than a traditional desktop hard drive.<sup>(5a)</sup>
- **Dropbox cloud storage:** Get 25GB of free online storage for one year.<sup>(22)</sup>
- **McAfee® LiveSafe™:** Protect your operating system with a free 1-year McAfee LiveSafe subscription.<sup>(28)</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 OMEN X 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

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.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

### Support Options:

- **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/go/supportforum](http://hp.com/go/supportforum), on Twitter at [twitter.com/HPSupport](https://twitter.com/HPSupport), and Facebook at [facebook.com/HPSupport](https://facebook.com/HPSupport).<sup>(10)</sup>

### Extend your coverage:

- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit [www.hp.com/go/smartfriend](http://www.hp.com/go/smartfriend) to learn more or call toll-free 1.844.814.1800 to get started.<sup>(93)</sup>
- **Care Packs:** Extend protection beyond the standard limited warranty. For more info, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc) or call toll-free at 1.877.232.8009.<sup>(83)</sup>



## Specifications

<b>Operating System</b>	• <b>Windows 10 Home</b> <sup>(1)</sup>
<b>Processor</b>	• 6th generation Intel® Core™ i7-6700K processor <sup>(2b)</sup> • Quad-Core • Liquid cooling
<b>Processor Speed</b>	• 4.00GHz <sup>(7)</sup>
<b>Cache</b>	• 8MB Cache
<b>Memory</b>	• 8 GB DDR4-2133 SDRAM memory <sup>(3)</sup> (1x8 GB) (expandable to 32 GB unbuffered with 8 GB DIMMs)
<b>Hard Drive</b>	• 2 TB 7200RPM SATA hard drive <sup>(4b)</sup>
<b>Solid-State Drive</b>	• 256 GB PCIe® NVMe™ M.2 Solid State Drive <sup>(15)</sup>
<b>Finish</b>	• HP finish in jet black
<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 • <b>Data transfer rates</b> up to 3,600 KB/s (CD read/write) and 10,800 KB/s (DVD read/write)
<b>Video Graphics</b>	• AMD Radeon™ RX 480 graphics card with 4 GB GDDRS dedicated memory
<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 (2x2) and Bluetooth® 4.2 M.2 <sup>(19a)(26)</sup>
<b>Memory Slots</b>	• 4 DDR4 DIMM (288-pin) (three available)
<b>Expansion Slots</b>	• 2 M.2 (occupied)
<b>Expansion Bays</b>	• 1 9.5mm Ultralim ODD (occupied) • 4 Internal 3.5" (three available)
<b>Memory Card Reader</b>	• HP 3-in-1 Media Card Reader—Supports SD, SDHC, SDXC.
<b>External Ports</b>	• Headphone/Microphone Combo • Front I/O: 2 USB 3.0, 2 USB 3.0 Type-C™ <sup>(42)</sup> • Rear I/O: 6 USB 3.0, Optical Audio Output • HDMI • 3 DisplayPort
<b>Power Supply</b>	• 1300 W Gold efficiency power supply
<b>Dimensions</b>	• <b>Unpackaged:</b> 19.85 in (L) x 15.98 in (W) x 20.28 in (H) approx. • <b>Packaged:</b> 22.83 in (L) x 19.29 in (W) x 24.33 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 62.17 lb approx. • <b>Packaged:</b> 73.87 lb approx.

## 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>(2b)</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. 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. <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> For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. <sup>(6a)</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>(8a)</sup> Internet access required and not included. Subscription required after expiration. 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>(15)</sup> Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. <sup>(17)</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>(19a)</sup> Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices. <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>(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>(37)</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>(42)</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. <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>(64)</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>(58)</sup> Performance is sequentially faster (read only) compared to traditional HDD. Performance enhancement may vary depending on system hardware and configuration. <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>(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>(95)</sup> HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OS, 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. All other trademarks are property of their respective owners. 08/10\_r1 jr

## Warranty and Support

- 2-Year limited Hardware warranty. Additional information available at [www.support.hp.com](http://www.support.hp.com)
- 90 days Limited Technical support for Software and Initial Setup (from date of purchase)<sup>(53)</sup>

## Software

<b>HP Help and Support</b>	• <b>HP Support Assistant:</b> Help with your HP PC and printers whenever you need it. <sup>(56)(57)</sup>
<b>Books, Music, Photos and Videos</b>	• <b>CyberLink Power Media Player:</b> Universal media player with enhanced playback quality. • <b>Netflix:</b> Watch movies and TV online or via DVDs with subscription. <sup>(10)</sup>
<b>Productivity and Tools</b>	• <b>Dropbox:</b> Keep your files safe, synced, and easy to share with Dropbox. Get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices. <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> Free 1-year subscription of McAfee LiveSafe™ service included. McAfee LiveSafe service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence. <sup>(86b)</sup>

## Additional information

<b>Product Number</b>	• X6F56AA#ABA
<b>Ad embargo date</b>	• 10/16/2016
<b>UPC code</b>	• 190780042946
<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 83.70 in (H) approx. • <b>Total weight:</b> 930.00 lb approx. • <b>Layers:</b> 3 • <b>Products per layer:</b> 4 • <b>Total products per pallet:</b> 12

