

# OMEN Obelisk Desktop 875-1010



## Power to train hard. And game harder.

Let nothing stop you from playing at your best. With the industry's latest components, micro-ATX compatible upgradability, and a design that you can personalize, the OMEN Obelisk delivers performance to achieve new heights.

### Product overview

- **Make a power statement:** Experience powerful, fluid gaming with NVIDIA® GeForce® RTX graphics and an Intel® Core™ processor.
- **Make it unbeatable:** Get inside quickly and upgrade how you want to with a tool-less design and adherence to micro-ATX standards.
- **Make it personal:** Stand out from the competition with a sleek chassis featuring customizable RGB lighting. A transparent side panel and interior RGB lighting put your power on display.
- **Gaming made even better:** Enhance your gaming experience with included OMEN Command Center software—enabling remote gaming through OMEN Game Stream,<sup>(81)</sup> customization of RGB lighting, and prioritization of gaming network traffic.<sup>(19)</sup>

### Key specifications

- **Operating system:** Windows 10 Home<sup>(1)</sup>
- **Processor:** 9th Generation Intel® Core™ i7-9700K processor<sup>(2b)</sup>
- **Memory:** HyperX® 16 GB DDR4-2666 SDRAM memory<sup>(97)</sup> (1 x 16 GB)
- **Internal Storage:**
  - 1 TB 7200RPM SATA hard drive<sup>(4b)</sup>
  - 512 GB PCIe® NVMe™ M.2 Solid State Drive<sup>(15)</sup>
- **Graphics:** NVIDIA® GeForce® RTX 2080 graphics card with 8 GB GDDR6 dedicated memory<sup>(3)</sup>
- **Mouse and keyboard:** HP black wired keyboard with volume control and wired optical mouse
- **USB ports:** 8 (6 USB 3.1 Gen 1, 1 USB 3.1 Gen 2, 1 USB 3.1 Gen 2 Type-C™<sup>(42)</sup>)
- **Wireless:** Wireless LAN 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2<sup>(19a)(26)</sup>
- **Warranty:** 1-year limited hardware warranty

### Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.<sup>(1)</sup>
- **Adheres to industry standards:** With an easy access angled design, and support for aftermarket parts, it's the ultimate DIY desktop.
- **Personalize your PC's RGB lighting:** Customize your OMEN Obelisk Desktop RGB LED lighting effects through OMEN Command Center.<sup>(82)</sup> You can set a single color or pre-programmed lighting animations on the front logo and interior lighting, seen through the side panel.
- **NVIDIA® GeForce® RTX 2080 graphics:** Enjoy new levels of gaming realism, speed, power efficiency, and immersion with real-time ray-tracing technologies for cutting-edge, hyper-realistic graphics.
- **Intel® Core™ processor (K-Series):** Game, stream, and edit videos with exceptional power.
- **Liquid cooling:** Hassle-free thermal management helps protect sensitive components from heat overload.
- **HyperX® DDR4 memory:** With its high performance, everything from multi-tasking to playing games gets a boost.<sup>(97)</sup>
- **OMEN Command Center:** Get the most out of your gaming experience. Network Booster prioritizes gaming and Dual Force splits network traffic across two data streams. For gaming action on your big screen TV, stream your games with OMEN Game Stream.<sup>(81)(82)</sup>
- **VR ready:** Tuned and tested for optimal VR performance right out of the box.<sup>(73)</sup>
- **Show off your hardware:** A tempered glass side panel shows off your internal components with RGB lighting effects. A clear EMI protective coating helps reduce the risk of electrical or magnetic interference with other devices.

### Additional product features

- **Dual storage configuration:** By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.<sup>(4b)</sup>
- **DTS Headphone:X® technology:** Produces spatially accurate 3D sound through any headphones for immersive sound quality.<sup>(47)</sup>
- **5.1 surround sound output:** All the necessary ports for truly immersive sound quality with 5.1 surround sound.
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) Wi-Fi adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.<sup>(18)(19a)(26)</sup>
- **McAfee LiveSafe™:** Protect your operating system 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 OMEN Obelisk Desktop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified<sup>(62)</sup>
- EPEAT® registered<sup>(27a)</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>(55)</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 Community at [hp.com/go/community](http://hp.com/go/community), 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>(95)</sup>
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services) or call toll-free at 1.877.232.8009.<sup>(83)</sup>



## Specifications

<b>Operating system</b>	• Windows 10 Home <sup>(1)</sup>
<b>Processor</b>	• 9th Generation Intel® Core™ i7-9700K processor <sup>(2b)</sup> • 8-Core
<b>Processor speed</b>	• 3.60GHz <sup>(2b)</sup>
<b>Cache</b>	• 12 MB Cache
<b>Memory</b>	• HyperX® 16 GB DDR4-2666 SDRAM memory <sup>(97)</sup> (1 x 16 GB) (expandable to 64 GB unbuffered with 16 GB DIMMs)
<b>Internal storage</b>	• 1 TB 7200RPM SATA hard drive <sup>(4b)</sup> • 512 GB PCIe® NVMe™ M.2 Solid State Drive <sup>(15)</sup>
<b>Finish</b>	• HP finish in shadow black • Tempered glass panel with EMC protection
<b>Video graphics</b>	• NVIDIA® GeForce® RTX 2080 graphics card with 8 GB GDDR6 dedicated memory <sup>(13)</sup>
<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>Sound</b>	• 5.1 surround sound
<b>Memory slots</b>	• 4 DIMM (288-pin) (three available)
<b>Expansion slots</b>	• 1 PCI-E Gen 1 x16 (occupied) • 3 M.2 (one available)
<b>Expansion bays</b>	• HDD: 2 x 3.5" (one available)
<b>External ports</b>	• Front I/O: 2 USB 3.1 Gen 1, Headphone/Microphone Combo, Microphone Jack • Rear: 4 USB 3.1 Gen 1, 1 USB 3.1 Gen 2, 1 USB 3.1 Gen 2 Type-C™ <sup>(42)</sup> , optical audio output • HDMI • 3 DisplayPort™ <sup>(50)</sup> • VirtualLink
<b>Total USB ports</b>	• 8 (6 USB 3.1 Gen 1, 1 USB 3.1 Gen 2, 1 USB 3.1 Gen 2 Type-C™ <sup>(42)</sup> )
<b>Multi-display capable</b>	• DisplayPort and HDMI capabilities, NVIDIA® Surround™ multi-display technology, support for Microsoft® DirectX® 12 <sup>(13)</sup>
<b>Mouse and keyboard</b>	• HP black wired keyboard with volume control and wired optical mouse
<b>Power supply</b>	• 750 W Platinum efficiency power supply
<b>Dimensions</b>	• <b>Unpackaged:</b> 14.06 in (L) x 6.5 in (W) x 17.05 in (H) approx. • <b>Packaged:</b> 19.53 in (L) x 11.77 in (W) x 20.31 in (H) approx.
<b>Weight</b>	• <b>Unpackaged:</b> 20.28 lb approx. (with metal side cover), 23.15 lb approx. (with glass side cover) • <b>Packaged:</b> 26.72 lb approx.

## Learn more at [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, branding and/or naming 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>(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>(4c)</sup> For hard drives, TB = 1 trillion bytes. For solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 35GB of system disk is reserved for system recovery software. Data is split across both drives and may become inaccessible in the event of a drive failure. <sup>(9)</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 service required and not included. <sup>(13)</sup> NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. <sup>(15)</sup> Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. <sup>(18)</sup> Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. <sup>(19)</sup> Wireless access point and Internet access required and not included. Availability of public wireless access points is limited. <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 PC to communicate with other 802.11ac WLAN devices. <sup>(22)</sup> New Dropbox users are eligible to get 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 Hewlett-Packard Company under license. <sup>(27a)</sup> EPEAT® Bronze registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at [www.hp.com/go/options](http://www.hp.com/go/options). <sup>(29)</sup> Actual speeds may vary. <sup>(42)</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. <sup>(43)</sup> Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume. <sup>(50)</sup> DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. <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>(54)</sup> For more information visit <http://www.hp.com/go/hpsupportassistant>. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. <sup>(67)</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. <sup>(73)</sup> Requires minimum NVIDIA® GTX 970 or AMD® R9 390X graphics card, Intel® Core™ i5 processor, and 8GB RAM. All other system components must be VR capable. <sup>(81)</sup> OMEN Game Stream is cloud-based service that streams high-end gaming to other Windows 10 PCs. Must activate a Game Stream account on your OMEN PC and download the OMEN Command Center app from the Microsoft Store onto another Windows 10 PC with these minimum requirements: OS: Windows 10 (Fall Creators Update or later), CPU: Intel® Core™ i5 processor (5th Generation or later), GPU: Intel® HD 4000 / NVIDIA® 8000 series / AMD 2000 series or better with latest graphics drivers, Memory: 4GB DDR3. Minimum upload and download speed of 10 Mb/s at 5GHz is required. Internet service required and not included. <sup>(82)</sup> Secure remote access requires using your Game Stream account credentials and downloading the OMEN Command Center app from the Microsoft Store. Compatible with Windows 10 PCs only. Internet service required and not included. <sup>(83)</sup> Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. 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. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) 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>(97)</sup> HyperX is a registered trademark of Kingston Technology Corporation. Actual product may vary from image shown on datasheet. © Copyright 2019 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. 12/18\_r1.jr

<b>Warranty and support</b>	<ul style="list-style-type: none"> <li>• 1-year limited hardware warranty. Additional information available at <a href="http://www.support.hp.com">www.support.hp.com</a></li> <li>• 90 days limited technical support for software and initial setup (from date of purchase)<sup>(53)</sup></li> </ul>
-----------------------------	---

## Software

<b>HP help and support</b>	<ul style="list-style-type: none"> <li>• <b>HP Support Assistant:</b> Help with your HP PC and printers whenever you need it.<sup>(56)</sup></li> <li>• <b>HP JumpStart:</b> When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features.</li> </ul>
----------------------------	---

<b>Books, music, photos and videos</b>	<ul style="list-style-type: none"> <li>• <b>Netflix:</b> Watch movies and TV online with subscription.<sup>(10)</sup></li> <li>• <b>DTS Headphone:X™:</b> Produces spatially accurate 3D sound through any headphones for immersive sound quality.<sup>(47)</sup></li> </ul>
--	--

<b>Productivity and tools</b>	<ul style="list-style-type: none"> <li>• <b>OMEN Command Center:</b> Up your game with Network Booster, Dual Force, and OMEN Game Stream functionality.<sup>(61)(82)</sup></li> <li>• <b>Dropbox cloud storage:</b> Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.<sup>(22)</sup></li> <li>• <b>HP Connection Optimizer:</b> Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.<sup>(10)</sup></li> </ul>
-------------------------------	--

<b>Security and protection</b>	<ul style="list-style-type: none"> <li>• <b>McAfee LiveSafe™:</b> Protect your operating system with a free 30-day McAfee LiveSafe™ trial.<sup>(6)</sup></li> </ul>
--------------------------------	---

## Additional information

<b>Product number</b>	• 5QB29AA#ABA
<b>Ad embargo date</b>	• 12/02/2018
<b>UPC code</b>	• ABA:193808254123
<b>UPC code</b>	• 193808254123
<b>Country of origin</b>	• China
<b>Tariff number</b>	• 8471500000 (US PC)
<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 86.38 in (H) approx.</li> <li>• <b>Total weight:</b> 866.25 lb approx.</li> <li>• <b>Layers:</b> 4</li> <li>• <b>Products per layer:</b> 8</li> <li>• <b>Total products per pallet:</b> 32</li> </ul>

