



## Unleash absolute fury

Going from average gamer to gaming legend takes power that doesn't call for reinforcements. The OMEN Desktop is geared with a cutting-edge design, the industry's latest hardware, and easy upgradability to crush the latest AAA titles, and give you the top-tier performance competition demands.



### Geared for the end-game

Holding the objective takes relentless force. That's why the OMEN Desktop can wield dual NVIDIA® or AMD graphics and the latest Intel® or AMD processors<sup>[1]</sup>, unlocked for overclocking<sup>[2]</sup>, so you can send opponents back to their respawn.

### Stay cool under pressure

All-around edge vents, a 120mm front fan, and optional liquid cooling help ensure when you're on fire in-game, your desktop won't become a molten core. Top that off with a machine-like design and at-the-ready carrying handle, and it's game over.

### Levels up with you

Soaring up the leaderboards takes a machine that climbs with you. The OMEN Desktop is geared for easy upgradability with a tool-less door for quick access and maintenance, and up to four 3.5" hard drive bays.



## Featuring

### Windows 10

Do great things confidently with the familiar feel of Windows - only better. <sup>[3]</sup>

### NVIDIA® GeForce® GTX 1080 graphics

With the advanced NVIDIA® Pascal™ architecture, get the raw performance needed to power the latest in VR, incredible 4K gaming content, and multiple ultra-high resolution monitors. You've never experienced anything like it. <sup>[4]</sup>

### 8th Generation Intel® Core™ processor

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own. <sup>[5]</sup>

### Dual storage configurations

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.

### PCIe SSD storage

Available in capacities up to 256 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive. <sup>[6]</sup>

## Specifications

|  |   |
|--|---|
| <b>Operating system</b>                      | Windows 10 Home 64  |
| <b>Product color</b>                         | Black   |
| <b>Processor family</b>                      | 8th Generation Intel® Core™ i7 processor  |
| <b>Processor</b>                             | Intel® Core™ i7-8700 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores) <sup>[6,7]</sup> |
| <b>Chipset</b>                               | Intel® Z370   |
| <b>Memory</b>                                | HyperX® 32 GB DDR4-2666 SDRAM (2 x 16 GB)   |
| <b>Memory Slots</b>                          | 4 DIMM  |
| <b>Internal Storage</b>                      | 256 GB PCIe® NVMe™ M.2 SSD  |
| <b>Hard drive (2nd)</b>                      | 3 TB 5400 rpm SATA  |
| <b>Memory card device</b>                    | HP 3-in-1 Media Card Reader   |
| <b>Internal drive bays</b>                   | One occupied; One available   |
| <b>External drive bays</b>                   | Two available   |
| <b>Optical drive</b>                         | DVD-Writer  |
| <b>Graphics</b>                              | Discrete  |
| <b>Graphics (discrete)</b>                   | NVIDIA® GeForce® GTX 1080 (8 GB GDDR5X dedicated)   |
| <b>Graphics</b>                              | Integrated  |
| <b>Graphics (integrated)</b>                 | Intel® UHD Graphics 630   |
| <b>Audio features</b>                        | DTS Studio Sound™; DTS Headphone:X™   |
| <b>Minimum dimensions (W x D x H)</b>        | 44.21 x 19.2 x 41.72 cm   |
| <b>Weight</b>                                | 17.6 kg   |
| <b>Keyboard</b>                              | HP Black wired keyboard   |
| <b>Pointing device</b>                       | HP Wired Black Mouse  |
| <b>Video connectors</b>                      | 1 DVI; 1 HDMI; 3 DisplayPort™   |
| <b>Ports</b>                                 | 2 USB 3.0; 2 USB 3.0 Type-C™; 1 microphone jack; 1 headphone jack   |
| <b>Expansion slots</b>                       | 2 PCIe x16; 2 M.2   |
| <b>Ports</b>                                 | 2 USB 2.0; 4 USB 3.0; 1 audio in; 1 audio out; 1 microphone in  |
| <b>Package dimensions (W x D x H)</b>        | 57.9 x 29.6 x 55.5 cm   |
| <b>Package weight</b>                        | 19.2 kg   |
| <b>Network interface</b>                     | Integrated 10/100/1000 Gigabit Ethernet LAN   |
| <b>Wireless</b>                              | Realtek Wi-Fi 5 (1x1) and Bluetooth® 4.2 combo  |
| <b>Power supply type</b>                     | 500 W Bronze efficiency power supply  |
| <b>Energy efficiency</b>                     | ENERGY STAR® certified  |
| <b>Pre-installed software</b>                | Netflix   |
| <b>Software included</b>                     | McAfee LiveSafe™  |
| <b>Software - Productivity &amp; finance</b> | 1 month trial for new Microsoft 365 customers <sup>[24]</sup>   |
| <b>Cloud service</b>                         | Dropbox <sup>[1]</sup>  |
| <b>UPC number</b>                            | 193015940185  |

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## Messaging Footnotes

[1] 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. Numbering is not a measurement of clock speed.

[2] Unlocked Intel® Core™ processors (K series) and unlocked AMD Ryzen processors on select skus only. 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, Intel, and AMD have not tested, and do not warrant, the operation of the processor beyond its specifications. HP, Intel, and AMD have not tested, and do not warrant, the operation of other system components beyond their industry standard specifications. HP, Intel, and AMD 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.

[3] 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>.

[4] Minimum Intel® Core™ i5 and 8 GB RAM with VR-capable components required for VR functionality.

[5] 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. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

[6] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

## Technical Specifications Footnotes

[1] 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 <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[6] 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.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[24] Must activate within 180 days of Windows activation.

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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>.

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