



# OMEN X by HP Compact Desktop with VR Backpack P1000-000na

Adaptable gaming PC. Free to move. Free to game.

Play your favorite PC games the way you want to play them. The OMEN X Compact Desktop is your gateway to freedom with three diverse game modes.<sup>1</sup> Easily move from your desktop, to the couch, or strap onto the VR Backpack for immersive VR, with this power packed, adaptable desktop that opens the world of gaming.



### Liberate your game

Play at your desk, on the couch, or fully immerse with the VR backpack—it's up to you.<sup>1</sup> With the unique docking station and integrated rechargeable battery, you're no longer tied down.

### Unleash the beast

Take over the game, even in the heat of battle with factory overclocked GeForce® GTX 1080 graphics and an Intel® Core™ processor (K series)<sup>2</sup>, unlocked for overclocking<sup>3</sup>. And with an advanced thermal solution, your critical components stay cool.

### Virtual reality. Real freedom.

Possess the power to run even the most demanding VR games and experience fully immersive, tether-free VR gaming with the VR backpack. And with the DTS Headphone:X jack delivering true-to-life surround sound, you'll feel like you're right on the frontline.<sup>4</sup>



OMEN



<sup>1</sup> Three gaming modes may require additional accessories or 3rd party gaming software to provide the described functionality. <sup>2</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. <sup>3</sup> Unlocked Intel® Core™ processors (K series) 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 and Intel have not tested, and do not warrant, the operation of the processor beyond its specifications. HP and Intel have not tested, and do not warrant, 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>4</sup> May require additional accessories or 3rd party gaming software to provide the described functionality.

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### Featuring

#### Windows 10

Do great things confidently with the familiar feel of Windows—only better.

#### NVIDIA® 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.

#### 7th generation Intel® Core™ processors

Powerful performance easily keeps up with all your multitasking demands, enables new ways to interact with your PC, and delivers enhanced 4K video capabilities.

#### DDR4 RAM options

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

#### PCIe® SSD storage

Available in 512 GB, PCIe®-based flash storage is up to 17x faster than a traditional 5400 rpm laptop hard drive.

#### Immersion done right

With the PC strapped onto your back, you're free to roam and take on new worlds in virtual reality.<sup>6</sup>

#### Batteries at your side

Easily swap batteries mid-game without removing the backpack or interrupting your flow thanks to two waist-mounted battery holsters and a third battery inside the PC.

#### Keep on playing

A charging dock and two pairs of batteries with up to one hour of battery life<sup>7</sup> each enable you to use one pair while fast charging the other for extended VR gaming sessions.<sup>7</sup>

#### Easy on the shoulders

Padded straps with adjustable clips have been designed to help reduce shoulder fatigue and fit a variety of body types.

#### Keep your cool

Get solid airflow and less heat transfer thanks to a special-designed frame that pushes the PC away from your back.

#### We've got your back

The lower support structure helps evenly distribute weight across your lower back and waist to keep you well-balanced, comfortable, and in the game.

#### Lean. Mean. Machine.

The PC, backpack, and batteries weigh in at under 4.54 kilograms, giving you unparalleled freedom without the bulk.

#### OMEN lighting control

Customize your battle station with 9 lighting zones and 4 color modes. Light up each zone with its own color, transition between colors, and even adjust the color gradient based on your system usage and temperature.

#### DTS Headphone:X technology

By producing authentic, spatially accurate 3D sound through any headphones or earbuds, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible.<sup>5</sup>

#### Clip in. Cables out.

Cable management is crucial, so we added a top-mounted headset clip to efficiently route the cables out of your way.

#### Less cord. Less hassle.

The shortened 3-in-1 headset cable provided for the HTC Vive reduces the risk of tripping over cords and disconnecting while in use.

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<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>2</sup> Minimum Intel® Core™ i5 and 8GB RAM with VR-capable components required for VR functionality.

<sup>3</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>4</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read-only) compared to traditional 5400 rpm HDD.

<sup>5</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>6</sup> Free roaming capabilities subject to boundaries of compatible VR/MR headsets.

<sup>7</sup> Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.

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## Specifications

### Performance

#### Operating System

Windows 10 Home 64

#### Processor

Intel® Core™ i7-7820HK (2.9 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)  
Processor family: 7th Generation Intel® Core™ i7 processor

#### Memory

16 GB DDR4-2400 SDRAM (2 x 8 GB)  
Transfer rates up to 2400 MT/s

#### Storage

512 GB PCIe® NVMe™ M.2 SSD  
Dropbox<sup>1</sup>

#### Graphics

Discrete: NVIDIA® GeForce® GTX 1080 (8 GB GDDR5X dedicated); Powered by NVIDIA® Pascal™ architecture

#### Audio

DTS Headphone:X™

#### Power

330 W active PFC Smart AC power adapter; 1 internal battery pack (55 W); 2 external battery packs (73 W each)

### Connectivity

#### Network interface

Integrated 10/100/1000 Gigabit Ethernet LAN

#### Wireless connectivity

802.11 a/b/g/n/ac (2x2) and Bluetooth® 4.2 combo (MU-MIMO supported)

#### Ports

Top: 1 USB 3.1 Type-C™; 2 USB 3.0; 1 headphone/microphone combo  
Side: 2 USB 3.0

1 USB 3.0 Type-C™; 5 USB 3.0; 1 Mini DisplayPort™; 1 HDMI; 1 RJ-45 (on the docking station)

#### Video connectors

1 DisplayPort™; 1 mini DisplayPort™; 2 HDMI 2.0

### Design

#### Product Color

Jet black

### Software

#### HP Apps

OMEN Control; HP Audio Switch; HP JumpStart; HP Sure Connect; HP Orbit

#### Software

Netflix; 1 month trial for new Microsoft® Office 365 customers

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: 2MQ03EA #ABU

UPC/EAN code: 192018125186

#### Energy Efficiency Compliance

ENERGY STAR® certified; EPEAT® Silver registered

#### Weight

2 kg (PC); 4 kg (with VR backpack battery accessory kit); Packed: 7.66 kg

#### Dimensions

22.9 x 6.08 x 33.2 cm (PC); 30.28 x 7.41 x 12.9 cm (docking station); Packed: 41.1 x 23.05 x 32.7 cm (PC); 54.05 x 22.2 x 37.4 cm (VR backpack battery accessory kit)

#### Warranty

1-year limited parts, labour, and pickup and return service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

#### Included accessories

Docking; Backpack harness; 2 external battery holders; 4 external batteries; 1 external battery charger and charger cable; HMD cable for Vive headset (HDMI, DC-OUT and USB 3.0)

## Compatible accessories\*

\* Not included.



OMEN by HP 27 Display Z4D33AA

## Warranty services\*



3-year pickup and return UC994E

<sup>1</sup> 25 GB of free online storage for 12 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>2</sup> McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.) <sup>6</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>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

