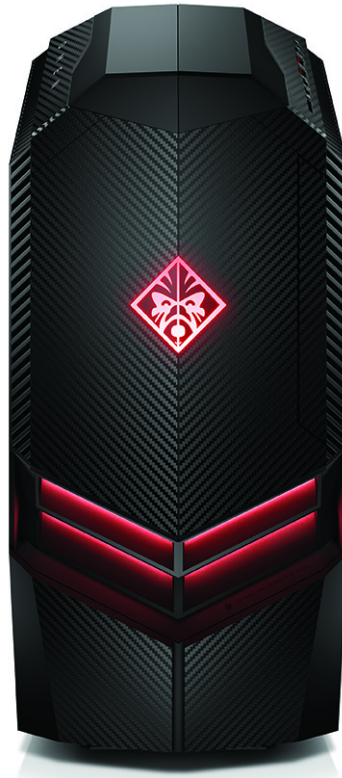# OMEN Desktop 880-139na

Ultra-powerful desktop designed for gamers

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 up top dual NVIDIA® or AMD graphics and the latest Intel® processor[1], unlocked for overclocking[2], so you can send opponents back to their respawn.

Stay cool under pressure
All-around edge vents, two 120 mm fans, and liquid cooling (on select models) 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 (on select models).

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[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 warranty, 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.

OMEN Desktop 880-139na

Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better.

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.

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 capacities up to 256 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.

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.

Tool-less access
Easily access and swap out any of the four external hard drives without even opening the chassis. And when you need to get inside the system, a double-sided screwdriver and replacement screws are included behind the OMEN logo.

Adheres to industry standards
With support for micro-ATX motherboard builds, your aftermarket parts fit and work in this galvanized steel chassis. And with an easy access angled design, and superb cable management, it's the ultimate DIY desktop.

USB-C™
Power your device, transfer up to 10Gb/s of data, or connect to an external display all from just one reversible USB-C port. And it's reversible, so you never have to worry about plugging in upside down.

Oculus ready
We've collaborated with Oculus to tune and test our machines for a smooth, seamless VR experience right out of the box.

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Specifications

Performance

Operating system
Windows 10 Home 64

Processor
Intel® Core™ i7-8700K (3.7 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores)
Processor family: 8th Generation Intel® Core™ i7 processor [6,7]

Chipset
Intel® Z370

Memory
16 GB DDR4-2400 SDRAM (2 x 8 GB); Total slots: 4 DIMM
Transfer rates up to 2400 MT/s.

Storage
2 TB 7200 rpm SATA
256 GB PCIe® NVMe™ M.2 SSD
DVD-Writer
Dropbox[1]

Graphics
Integrated: Intel® UHD Graphics 630;
Discrete: NVIDIA® GeForce® GTX 1080 Ti (11 GB GDDR5X dedicated);
Powered by NVIDIA® Pascal™ architecture

Audio
DTS Studio Sound™; DTS Headphone:X™

Display description
LCD monitors sold separately. For more information please visit www.hp.com/eur/home-monitors.

Power
500 W AC power supply;

Connectivity

Network interface
Integrated 10/100/1000 Gigabit Ethernet LAN

Wireless connectivity
802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2 combo

Ports
Top: 2 USB 3.0; 2 USB 3.0 Type-C™; 1 microphone jack; 1 headphone jack Rear: 2 USB 2.0; 4 USB 3.0; 1 audio in; 1 audio out; 1 microphone in
HP 3-in-1 Media Card Reader
External drive bays: Two available
Internal drive bays: One occupied; One available

Video connectors
1 HDMI; 3 DisplayPort™

Design

Product color
Black, side window

Software

HP apps
OMEN Command Center; HP Audio Switch; HP JumpStart

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

Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 4NH00EA #ABU
UPC/EAN code: 193424194179

Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered

Weight
17.6 kg;
Packed: 19.2 kg

Dimensions
44.21 x 19.2 x 41.72 cm;
Packed: 57.9 x 29.6 x 55.5 cm

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.

Features
Liquid cooling solution for processor

Recommended accessories

* Not included.

OMEN by HP 68.58 cm (27") Display
Z4D33AA

Warranty services*

3-year pickup and return
UC994E