

OMEN Desktop 880-172na



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® processor¹, unlocked for overclocking², so you can send opponents back to their respawn.



Stay cool under pressure

All-around edge vents, two 120 mm fans, and 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 (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 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.

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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

Chipset

Intel® Z370

Memory

32 GB DDR4-2400 SDRAM (4 x 8 GB); Total slots: 4 DIMM

Transfer rates up to 2400 MT/s.

Storage

512 GB PCIe® NVMe™ M.2 SSD

2 TB 7200 rpm SATA

DVD-Writer

Dropbox¹

Graphics

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 dual-link DVI; 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: 2XC34EA #ABU

UPC/EAN code: 192545067416

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

Warranty services*



¹ 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. Internet service required and not included. ² McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.) ³ 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. ⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

