

OMEN Desktop 870-100ne



Rank up or be forgotten

Go from gamer to gaming legend with the thrilling level of power competition demands. This OMEN desktop combines cutting-edge design and the industry's latest hardware to deliver a performance monster, ready to handle intensive AAA games with ease, and look good doing it.



Championship-caliber performance

When competition is this intense, high FPS and crystal-clear graphics are everything. That's why we packed this beast with Intel® Core™ i5 or i7 processors¹, high-end NVIDIA® GTX™ and AMD R9 graphics, and overclocking controls on select models.

Equipped with the best

This desktop can evolve with you. With liquid cooling on select models and tool-less access to the hardware, crank up your gaming power with addictive customizability.

Built for the podium

The sleek, brushed-metal chassis and customizable LED lighting strikes the perfect balance of sophisticated looks and raw, gamer attitude.

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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. Intel's numbering is not a measurement of higher performance.

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Featuring

Windows 10

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

6th generation Intel® Core™ processor (quad-core)

Get the peak performance and top-tier speed needed to tackle your toughest multitasking demands. Four cores efficiently divide up the work, and with revolutionary Intel® Hyper-Threading Technology each core can work on more tasks at once.

Intel® HD Graphics

Impressive graphics help with everything you do. Whether it's watching a video or just surfing the web, Intel® HD Graphics render all the visuals on your screen with smooth, vivid quality.

802.11ac (1x1) WLAN & Bluetooth® 4.2

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.

Re-writable DVD drive

Watch and write DVDs using the integrated optical drive.

DisplayPort

This robust digital video and audio port transmits up to 8K performance or allows you to connect multiple displays together.

HDMI-out

It's never been easier to give your device a bigger or second display. With an HDMI output you can transmit HD video and sound with just one standard cable.

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.⁸

⁴ 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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⁶ Actual speeds may vary. Don't copy copyright-protected materials.

⁷ 8K content required to view 8K images.

⁸ For solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 35 GB of hard drive is reserved for system recovery software.

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Specifications

Performance

Operating System

Windows 10 Home 64

Processor

Intel® Core™ i7-6700 (3.4 GHz, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)

Processor family: 6th Generation Intel® Core™ i7 processor

Chipset

Intel H170

Memory

16 GB DDR4-2133 SDRAM (2 x 8 GB); Total slots: 2 DIMM

Storage

2 TB 7200 rpm SATA

256 GB SATA SSD

DVD-Writer

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce® GTX 1060 (3 GB GDDR5 dedicated); Powered by NVIDIA® Pascal™ architecture

Audio

DTS Studio Sound™

Display description

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

Power

300 W AC power adapter

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

2 USB 2.0

4 USB 3.0

1 USB 3.0 Type-C™

1 headphone jack

1 microphone jack

1 audio in

1 audio out

1 microphone in

1 PCIe x1; 1 PCIe x16; 2 M.2

7-in-1 memory card reader

External Drive Bays: One occupied; One available

Internal Drive Bays: Two occupied; One available

Video connectors

1 DVI; 1 HDMI; 3 DisplayPort

Design

Product Color

Gunmetal silver, with jack black front bezel trim; Brushed aluminum front bezel

Software

HP Apps

HP Audio Switch; HP JumpStart; HP OMEN Control

Software

Netflix; SteelSeries Engine 3; 1 month trial for new Microsoft® Office 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: Z3G87EA #ABV

UPC/EAN code: 190781601838

Energy Efficiency Compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

10.52 kg; Packed: 13.4 kg

Dimensions

42 x 16.5 x 40.1 cm; Packed: 49.9 x 28.5 x 52.1 cm

Warranty

1-year limited parts, labour, and carry-in service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

Included accessories

USB black keyboard

USB optical mouse

Features

Landing pad on the top for easy access to ports; Air cooling solution

Compatible accessories*

* Not included.



Warranty services*



3-year return to depot U9787E

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.)

