



# OMEN by HP Desktop 870-100nx

## 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 processors<sup>1</sup>, 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.

### HP Lounge, get closer to the Artists you love

With unlimited access to music and exclusive content for HP customers, there's no need to search for it, as it comes to you.<sup>17</sup>



<sup>1</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>17</sup> Unlimited access to Universal Music's portfolio for 12 months, free to HP customers. Internet access is required.

## OMEN by HP Desktop 870-100nx

---

### Featuring

#### Windows 10

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

#### Intel® K processor

This processor was made to game. Support for up to 64 GB of DDR4 RAM, more options for overclocking, and exceptional power let you game, stream, and edit videos with less slowdown than ever before.

#### NVIDIA® GeForce® GTX 960 Graphics

Get equipped with powerhouse graphics and experience what PC gaming can do. With smooth gameplay, realistic lighting, and deep shadows, even the most demanding games look incredible.

#### 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.

#### Overclocking capability

Boost your gaming performance and other tasks with turbocharged processor speed.

#### 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.

#### Hard drive storage

Don't worry about growing your collection of digital movies, songs, and pictures. With massive storage options you can save it all, and still have plenty of room left over.

---

<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> Actual speeds may vary. Don't copy copyright-protected materials.

<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 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.

# OMEN by HP Desktop 870-100nx



## Specifications

### Performance

#### Operating System

Windows 10 Home 64

#### Processor

Intel® Core™ i7-6700K (4 GHz, up to 4.2 GHz, 8 MB cache, 4 cores)

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

#### Chipset

Intel Z170

#### Memory

16 GB DDR4-2133 SDRAM (2 x 8 GB); Total slots: 4 DIMM

#### Storage

1 TB 7200 rpm SATA

128 GB SATA SSD

Ultra Slim-tray SuperMulti DVD burner

Dropbox<sup>1</sup>

#### Graphics

Discrete: NVIDIA® GeForce® GTX 960 (2 GB GDDR5 dedicated); Powered by NVIDIA®

Maxwell™ architecture

#### Audio

DTS Studio Sound™

#### Display description

LCD monitors sold separately. For more information please visit

[www.hp.com/eur/home-monitors](http://www.hp.com/eur/home-monitors).

#### Power

500 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

6 USB 2.0

4 USB 3.0

1 headphone/microphone combo

1 audio in

1 audio out

1 microphone in

1 PCIe x1; 1 PCIe x16; 1 MiniCard

7-in-1 memory card reader

External Drive Bays: One occupied; One available

Internal Drive Bays: Two occupied; One available

#### Video connectors

1 dual-link 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 Lounge; HP OMEN Control

#### Software

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

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: Y4L41EA #A2N

UPC/EAN code: 190781043362

#### 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; Liquid cooling solution

## Compatible accessories\*

\* Not included.



HP OMEN Mouse Pad with SteelSeries Series X7Z94AA



HP OMEN Headset with SteelSeries X7Z95AA



HP OMEN Mouse with SteelSeries X7Z96AA

## Warranty services\*



3-year return to depot U9787E

<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.)

