Datasheet

OMEN by HP Desktop 870-100nh

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[1], 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.

[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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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i7-6700 (3.4 GHz, up to 4 GHz, 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: 4 DIMM
Storage
3 TB 7200 rpm SATA
256 GB SATA SSD
Ultra Slim-tray SuperMulti DVD burner
Dropbox[1]
Graphics
Discrete: NVIDIA® GeForce® GTX 1070 (8 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 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 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: Y1E14EA #BH5
UPC/EAN code: 190780615997
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

Warranty services*

Care Pack

3-year return to depot
U9787E

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