Datasheet

OMEN X by HP Desktop 900-105na

Don't just participate. Dominate.

Designed for gaming from the ground up, this revolutionary tower has no equal. Insane power and innovative cooling easily take on the latest AAA games, even at their highest settings. And with an easily upgradable custom case, this PC can evolve to satisfy any future performance demands.



Customize and conquer
You never have to be limited by your hardware with a case developed for the best current and next gen technology. Angled for easy access, this galvanized steel case was designed for unprecedented upgradability with industry standard components and a spacious, chambered interior.

Stay cool under pressure
Monstrous power demands serious cooling. Liquid cooling on select models, an innovative tri-chamber design that separates hot components into their own thermal systems, and top mounted angled vents keep your rig ice cold.[1]

Intimidating performance
Overclocking Intel® processor[2] on select models, dual AMD or Nvidia® graphics, up to 32 GB of DDR4 RAM, four 3.5" storage bays and one M.2 SSD storage slot, and up to a 1300 W PSU.

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.[17]

[1] Not applicable on products that are "Fanless" or that do not have an Accelerometer. [2] 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 does not warranty, the operation of the processor beyond its specifications. HP and Intel have not tested, and do not warranty, 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. [17] Unlimited access to Universal Music's portfolio for 12 months, free to HP customers. Internet access is required.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i5-7600K (3.8 GHz, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Processor family: 7th Generation Intel® Core™ i5 processor
Chipset
Intel Z170
Memory
16 GB DDR4-2133 SDRAM (2 x 8 GB); Total slots: 4 DIMM
Storage
256 GB PCIe® NVMe™ M.2 SSD
DVD-Writer
Dropbox[1]
Graphics
Discrete: Dual NVIDIA® GeForce® GTX 1080 (8 GB GDDR5X dedicated, SLI® bridge support); Air cooled; 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
1300 W AC power adapter

Connectivity

Network interface
Integrated 10/100/1000 Gigabit Ethernet LAN
Wireless connectivity
802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 combo
Ports
8 USB 3.0
2 USB 3.0 (Type-C™)
1 headphone/microphone combo
1 optical audio out
1 RJ-45
2 M.2
3-in-1 memory card reader
External Drive Bays: One occupied
Video connectors
1 dual-link DVI; 1 HDMI; 3 DisplayPort

Design

Product Color
Jet black

Software

HP Apps
HP Audio Switch; HP JumpStart; HP Lounge; HP OMEN Control; HP Orbit
Software
DTS Headphone:X; Netflix; 1 month trial for new Microsoft® Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: Z7C27EA #ABU
UPC/EAN code: 190781464143
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
28.2 kg; Packed: 33.5 kg
Dimensions
50.42 x 40.6 x 51.53 cm; Packed: 59 x 48.5 x 63.2 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

Compatible accessories*

* Not included.



OMEN by Mouse Pad with SteelSeries
X7Z94AA



OMEN by HP Headset with SteelSeries
X7Z95AA

Warranty services*

3-year pickup and return
UC994E

HP Smart Friend 1 Month SVC
HG382E

[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.)

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