Datasheet

OMEN Desktop 880-010na

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 NVIDIA® or AMD graphics and the latest AMD processor[1], unlocked for overclocking[2], so you can send opponents back to their respawn.

Stay cool under pressure
All-around edge vents, two 120 mm fans, 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 have not tested, and do not warranty, the operation of other system components beyond their industry standard 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
AMD Ryzen™ 5 1400 (3.2 GHz base frequency, up to 3.4 GHz burst frequency, 8 MB cache, 4 cores)
Memory
8 GB DDR4-2400 SDRAM (1 x 8 GB); Total slots: 4 DIMM
Storage
1 TB 7200 rpm SATA
128 GB PCIe® NVMe™ M.2 SSD
DVD-Writer
Dropbox[1]
Graphics
Discrete: AMD Radeon™ RX 580 (4 GB GDDR5 dedicated);
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
300 W AC power supply

Connectivity

Network interface
Integrated 10/100/1000 Gigabit Ethernet LAN
Wireless connectivity
802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 combo (MU-MIMO supported)
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 HDMI; 3 DisplayPort

Design

Product Color
Black

Software

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

Additional information

Part Number
P/N: 1QX15EA #ABU
UPC/EAN code: 191628268504
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
Air cooling solution for processor

Compatible accessories*

* Not included.



HP H3100 Black Wired Headphone
T3U77AA



OMEN by HP 27 Display
Z4D33AA

Warranty services*

3-year pickup and return
UC994E

[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 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.) [6] 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. AMD's numbering is not a measurement of clock speed. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. [7] Burst frequency performance varies depending on hardware, software and overall system configuration.

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