OMEN Laptop 15-dc0030nr

Power that goes the distance

Play at your best from anywhere – without sacrificing performance. The OMEN 15 Laptop keeps you moving and improving, with desktop-class graphics performance, immersion, and upgradability.

Product overview

- **Power designed to propel you forward:** With NVIDIA® GeForce® GTX series graphics and an Intel® Core™ processor, you've got the power to go.
- **Every last detail in your sight:** Get lost in an immersive narrow bezel FHD display.[39] A zoned backlit keyboard with 26-key rollover is strategically designed to accelerate your gaming reflexes.
- **Upgrade. Expand. Evolve.** The OMEN 15 Laptop is geared for easy upgrades and maintenance with single panel access to HDD, SSD, and RAM. Plus, take advantage of a generous port selection for your favorite accessories and external displays.

Key specifications

- **Operating system: Windows 10 Home**[1]
- **Processor:** 8th Generation Intel® Core™ i7-8750H Processor[2b]
- **Display:** 15.6-inch diagonal FHD[39] IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
- **Memory:** 16 GB DDR4-2666 SDRAM (1 x 16 GB)
- **Internal storage:**
  128 GB PCIe® NVMe™ M.2 Solid State Drive[15][58]
  1 TB 7200 RPM SATA hard drive[4b]
- **Graphics:** NVIDIA® GeForce® GTX 1060 (6 GB GDDR5 dedicated)[13]
- **Audio:** Bang & Olufsen with dual speakers
- **Battery life:**
  Up to 6 hours and 15 minutes (mixed usage)[70]
  Up to 4 hours (video playback)[75]
  Up to 3 hours and 15 minutes (wireless streaming)[80]
- **Wireless:** Intel® 802.11b/g/n/ac (2x2)[19a] Wi-Fi and Bluetooth®[26] 4.2 Combo (MU-MIMO supported)
- **Webcam:** Front-facing HP Wide Vision HD Webcam with integrated dual array digital microphones[89]
- **Product weight:** 5.56 lb[76]
- **Keyboard:** Full-size 4-zone lighting backlit keyboard with numeric keypad and NKRO

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.[1]
- **NVIDIA® GeForce® GTX 1060 graphics:** The NVIDIA® GeForce® GTX 1060 graphics card is loaded with innovative new gaming technologies and the groundbreaking NVIDIA® Pascal™ architecture, making it the perfect choice for the latest high-definition games.
- **8th generation Intel® Core™ i processor:** Upgrade performance with smooth responsiveness, and stream premium content or even create your own.
- **Full HD IPS display:** Enjoy vibrant, crystal-clear images with 178° wide-viewing angles.[39]
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **DTS Headphone: X technology:** Produces spatially accurate 3D sound through any headphones for immersive sound quality.[47]
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) WiFi adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.[18][19a][26]
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **An exceptionally rich audio experience:** HP Dual Speakers, HP Audio Boost, and expert tuning by Bang & Olufsen bring audio perfection to your PC.
- **VR ready:** Tuned and tested for optimal VR performance right out of the box.[73]
- **Four-zone island-style backlit keyboard:** Backlight 4 independent zones with different RGB lighting. WASD keys are outlined to highlight key controls.

Additional product features

- **Single access panel:** Easy access to your PC's internals make upgrades and maintenance simple.
- **DDR4-2666 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **Dual storage configuration:** By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.
- **HP Wide Vision HD Camera:** 88-degree, wide-angle field of view for video chats with the whole family.[89]
- **OMEN Command Center:** Reduces network delays and online lag to benefit overall gaming performance on with the help of NVIDIA® GeForce® GTX 1060 graphics.
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP Laptop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified[62]
- EPEAT® Silver registered[27]
- Low Halogen[61]
- Mercury-free display backlights
- Arsenic-free display glass

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.[56][57]
- **Online Support:** For technical support with this product, visit HP Customer Support http://support.hp.com.[9]
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Forum at hp.com/go/supportforum, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.[9]

Extend your coverage:

- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1.844.814.1800 to get started.[95]
- **Care Packs:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/cpc or call toll-free at 1.877.232.8009.[83]

Windows 10 · intel CORE i7 8th Gen · NVIDIA GEFORCE GTX · McAfee LiveSafe · ENERGY STAR · epeat SILVER · Dropbox · dts HEADPHONE:X · BANG & OLUFSEN AUDIO

Specifications

Operating system	• **Windows 10 Home**[1]
Processor	• 8th Generation Intel® Core™ i7-8750H Processor[2b] • 6-Core
Processor speed	• 2.2 GHz base frequency[2b], up to 4.1 GHz with Intel® Turbo Boost Technology[2g]
Processor cache	• 9 MB cache
Memory	• 16 GB DDR4-2666 SDRAM (1 x 16 GB)
Accessible memory slots	• 2
Video graphics	• NVIDIA® GeForce® GTX 1060 (6 GB GDDR5 dedicated)[13]
Internal storage	• 128 GB PCIe® NVMe™ M.2 Solid State Drive[15][58] • 1 TB 7200 RPM SATA hard drive[4b]
Finish and features	• HP sandblasted hairline brushing finish and carbon fiber pattern in shadow black • Front-facing HP Wide Vision HD Webcam with integrated dual array digital microphones[89]
Display	• 15.6-inch diagonal FHD[39] IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
Network card	• Integrated 10/100/1000 GbE LAN[29]
Wireless connectivity	• Intel® 802.11b/g/n/ac (2x2)[19a] Wi-Fi and Bluetooth®[26] 4.2 Combo (MU-MIMO supported)
Digital media	• Multi-format digital media card reader
Audio	• Bang & Olufsen with dual speakers • Supports DTS Headphone: X[47]
Keyboard	• Full-size 4-zone lighting backlit keyboard with numeric keypad and NKRO
Pointing device	• Touchpad supporting multi-touch gestures without on/off button
External notebook ports	• 1 Thunderbolt™ 3 (Data up to 40Gb/s, DisplayPort™ 1.2, HP Sleep and Charge)[41] • 3 USB 3.1 Gen 1 (1 HP Sleep and Charge) • 1 Mini DisplayPort™[50] • 1 HDMI 2.0 • 1 RJ-45 • 1 Headphone/microphone combo (DTS Headphone:X® enabled)[47] • 1 Microphone in
Dimensions	• **Unpackaged:** 14.17 in (W) x 10.35 in (D) x 1.02 in (H) • **Packaged:** 20.47 in (L) x 2.72 in (W) x 12.00 in (H)
Weight	• **Unpackaged:** 5.56 lb[76] • **Packaged:** 8.72 lb
Security	• Kensington NanoSaver™ Security Lock Support
Power	• 200W AC adapter • 4-cell 70 Whr lithium-ion polymer battery
Battery life	• Up to 6 hours and 15 minutes (mixed usage)[70] • Up to 4 hours (video playback)[75] • Up to 3 hours and 15 minutes (wireless streaming)[80]
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com[9] • 90 days limited technical support for software and initial setup (from date of purchase)[53]

Software

HP help and support	• **HP Jumpstart:** When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features. • **HP Support Assistant:** Included with your computer, this free self-help tool makes it easier than ever to get help with your HP PC and printers.[56][57]
Books, music, photos and videos	• **Netflix:** Watch movies and TV online with subscription.[9]
Productivity and tools	• **OMEN Command Center:** Up your game with custom keyboard backlighting and network task prioritization. • **HP ePrint:** Wirelessly print from anywhere, anytime, on any HP ePrint-enabled printer.[85a] • **Dropbox:** Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices.[22] • **HP Audio Switch:** Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. • **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[9]
Security and protection	• **HP Recovery Manager:** Recover, restore, and create recovery media for your PC. • **HP 3D DriveGuard:** Your PC's data stays safe from accidental bumps and bruises with HP 3D DriveGuard. It senses motion and locks your spinning hard drive, so a single bump won't delete your entire digital life. • **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Additional Information

Product number	• 3WE66UA#ABA
Ad embargo date	• 07/29/2018
UPC Code	• 192545208215
Country of origin	• China
Tariff number	• 8471300000
Pallet information	• **Dimensions:** 42.32 in (H) x 39.37 in (W) x 47.24 in (L) • **Total weight:** 792.60 lb • **Layers:** 3 • **Products per layer:** 29
Battery regulatory data	• **Transportation or storage regulations:** Y • **UN# and proper shipping name:** UN3481 - Lithium ion batteries packed with equipment • **Number of batteries:** 1 • **Primary battery regulated material:** 287g • **Primary battery watt hours:** 70 • **Applicable CPSC regulations:** N

Learn more at hp.com

[1] 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 [2b] 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. [2g] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information. [4b] For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. [8] Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. [9] Internet access required and not included. Availability of public wireless access points limited. [13] NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. [15] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. [18] Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. [19a] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac Wi-Fi are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ac Wi-Fi devices. [22] New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at www.dropbox.com. Internet service required and not included. [26] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. [27] EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. [29] Actual speeds may vary. [39] Full High Definition (FHD) content is required to view FHD images. [41] Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. [47] Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume. [50] DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. [53] Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. [56] For more information visit hp.com/go/hpsupportassistant [Link will vary outside of the U.S.] HP Support Assistant is available for Android and Windows based PCs. [57] Internet connection required for updating and connecting to HP Support. [58] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. [61] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. [62] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. [70] Windows 10 MM14 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See http://www.bapco.com for additional details. [73] Requires minimum NVIDIA® GTX 970 or AMD® R9 390X graphics card, Intel® Core™ i5 processor, and 8GB RAM. All other system components must be VR capable. [75] Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. [76] Weight and system dimensions may fluctuate due to configuration and manufacturing variances. [80] Battery life tested by HP using continuous Netflix video playback, Windows 10 Netflix app, 150 nits brightness, system audio level 17%, headphone attached, played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. [83] Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit www.hp.com/go/carepack-services. [85a] Requires an Internet connection, not included, to an HP web-enabled printer and HP ePrint account registration. For complete details, see www.hp.com/go/mobileprinting [89] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. [95] HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. Actual product may vary from image shown on datasheet. © Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners. 05/16_r2 kc