



# OMEN by HP 15-dc1030nr (6FE64UA)

## Overview

### The best never rest

You've got places to go, plays to make, and power to proclaim. With the OMEN by HP 15 Laptop, you can play at your best from anywhere - without sacrificing performance. Keep moving and improving your skills on a compact, portable rig designed to deliver desktop-class graphics performance, total immersion, and easy upgradability.



### Power designed to propel you forward

With NVIDIA® graphics, a high-performance Intel® Core™ processor, and an enhanced thermal solution - you've got the power to hone your skills anywhere.



### 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.



### Every last detail in your sight

Get lost in an immersive narrow bezel display with breathtaking resolution. A zoned backlit keyboard with 26-key rollover is strategically designed to accelerate your gaming reflexes.



# Features



## Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>[1]</sup>



## FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.<sup>[3]</sup>



## 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.



## 8th Generation Intel® Core™ processor

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own.<sup>[2]</sup>



## An exceptionally rich audio experience

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.



## PCIe SSD storage

Available in capacities up to 128 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.<sup>[4]</sup>

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[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>.

[2] 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. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

[3] Full high-definition (FHD) content is required to view FHD images.

[4] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

## Specifications

<b>Operating system</b>	Windows 10 Home 64
<b>Product color</b>	Shadow black
<b>Processor family</b>	8th Generation Intel® Core™ i7 processor
<b>Processor</b>	Intel® Core™ i7-8750H (2.2 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® HM370
<b>Memory</b>	16 GB DDR4-2666 SDRAM (2 x 8 GB)
<b>Internal Storage</b>	128 GB PCIe® NVMe™ M.2 SSD
<b>Hard drive (2nd)</b>	1 TB 7200 rpm SATA
<b>Product design</b>	Carbon fiber cover pattern, sandblasted hairline keyboard frame finish
<b>Optical drive</b>	Optical drive not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 630
<b>Display</b>	39.6 cm (15.6") diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
<b>Display</b>	15.6" diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
<b>Display size (diagonal)</b>	39.6 cm (15.6")
<b>Display size (diagonal)</b>	15.6"
<b>Audio features</b>	Bang & Olufsen, dual speakers, HP Audio Boost, DTS Headphone:X™ support
<b>Keyboard</b>	Full-size island-style white legend 4-zone lighting RGB backlit keyboard with numeric keypad
<b>Pointing device</b>	Touchpad with multi-touch gesture support and 26-Key Rollover Anti-Ghosting Key technology
<b>Input devices</b>	Accelerometer
<b>Webcam</b>	HP Wide Vision HD Camera with integrated dual array digital microphone
<b>Ports</b>	1 USB 3.1 Gen 2 Type-C™ with Thunderbolt™ 3 (40 Gb/s signaling rate, DisplayPort™ 1.4, HP Sleep and Charge); 3 USB 3.1 Gen 1 Type-A; 1 RJ-45; 1 headphone/microphone combo; 1 microphone; 1 AC smart pin; 1 Mini DisplayPort™
<b>Expansion slots</b>	1 multi-format SD media card reader
<b>Package weight</b>	3.95 kg
<b>Network interface</b>	Integrated 10/100/1000 GbE LAN
<b>Wireless</b>	802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 combo
<b>Power supply type</b>	200 W AC power adapter
<b>Battery type</b>	4-cell, 70 Wh Li-ion

<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup>
<b>Energy efficiency</b>	ENERGY STAR® certified; EPEAT® Silver registered
<b>Security management</b>	Kensington Security Slot™
<b>Software included</b>	McAfee LiveSafe™
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft Office 365 customers
<b>Cloud service</b>	Dropbox <sup>[1]</sup>

## Additional specifications

<b>Display</b>	39.6 cm (15.6") diagonal Full HD display
<b>Display</b>	15.6" diagonal Full HD display
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	NVIDIA® GeForce® RTX 2060 Graphics (6 GB GDDR6 dedicated)
<b>MDA key selling point</b>	Windows 10 Home or other operating systems available
<b>Memory and storage</b>	16 GB memory; 1 TB HDD storage; 128 GB SSD storage
<b>Processor speed</b>	2.2 GHz
<b>Product brand name</b>	HP
<b>Storage type</b>	SSD; HDD
<b>Touchscreen</b>	No

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[1] 25 GB of free online storage for one year 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.

[5] Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

[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. Intel's numbering is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

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## Accessories

### Apparel

#### Tops

OMEN by HP Ascendant Full Zip Hoodie	5RV85AA
OMEN by HP Mask Long Sleeve Tee	5RW38AA
OMEN by HP Voodoo Pullover Hoodie	5RW97AA
OMEN by HP Meridian Long Sleeve Tee	5RW52AA
OMEN by HP Voodoo Pullover Hoodie	5RX08AA
OMEN by HP Ascendant Full Zip Hoodie	5RV96AA
OMEN by HP Courier Short Sleeve Tee	5RW05AA
OMEN by HP Quadrant Short Sleeve Tee	5RW80AA
OMEN by HP Dynamo Short Sleeve Tee	5RW23AA
OMEN by HP Offset Short Sleeve Tee	5RW67AA

### Keyboards/Mice/Monitors and Input Devices

#### Keyboards

HP Pavilion Gaming Keyboard 500	3VN40AA
HP Pavilion Wireless Keyboard 600	4CE98AA
HP K1500 Keyboard	J8F16AA
HP Pavilion Wireless Keyboard 400	4XL88AA
HP Pavilion Wired Keyboard 300	4CE96AA
OMEN by HP Keyboard 1100	1MY13AA
OMEN by HP Sequencer Keyboard	2VN99AA
HP K2500 Wireless Keyboard	E5E77AA
HP Spectre Rechargeable Keyboard 1000	2ER92AA
HP K1500 Keyboard	H3C52AA
HP Keyboard 100	2UN30AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Classic Wired Keyboard	WZ972AA

#### Mice

HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	VOL82AA

HP Spectre Rechargeable Mouse 700	3NZ71AA
HP Wireless Mouse 200	2GN97AA
HP Z3700 Valentine Wireless Mouse	1CA96AA
OMEN by HP Mouse 400	3ML38AA
HP Wireless Mouse 200	3FV66AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP X3000 Blizzard White Wireless Mouse	N4G64AA
HP X4500 Wireless (Metal Black) Mouse	H2W26AA
HP Wireless Mouse X3000	2HW70AA
HP X500 Wired Mouse	E5E76AA
HP Elite Presenter Mouse	3YF38AA
HP Wireless Mouse Z3700	4VY81AA
HP X900 Wired Mouse	V1S46AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA
HP Wireless Mouse X3000	2HW69AA
HP Wireless Mouse Z3700	4VY82AA
HP Z5000 Bluetooth Mouse	E5C13AA
HP Wireless Mouse 202	2NE06AA
HP X3300 (Gray) Wireless Mouse	H4N93AA
HP X3000 Sunset Red Wireless Mouse	N4G65AA
HP Wireless Mouse 200	2HU82AA
HP Spectre Rechargeable Mouse 700	4YH34AA
HP ENVY Rechargeable Mouse 500	2WX69AA
HP Wireless Mouse 201	3XA55AA
HP Z3700 White Wireless Mouse	VOL80AA
HP X4500 Wireless (Black) Mouse	H2W16AA
HP Spectre Rechargeable Mouse 700	4YH33AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP 201 Silver Wireless Mouse	3DH83AA
HP Wireless Mouse 200	X6W31AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Wireless Mouse 250	3FV67AA
HP Red Wireless Mouse	2VY33AA
HP Spectre Rechargeable Mouse 700	3NZ70AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Wireless Mouse Z4000	H5N61AA

HP Pavilion Gaming Mouse 300	4PH30AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Wireless Mouse Z4000	2HW66AA
HP Spectre Bluetooth Mouse 500	1AM58AA
HP X3000 Silver Wireless Mouse	K5D28AA
OMEN by HP Mouse 600	1KF75AA
HP Spectre Bluetooth Mouse 500	1AM57AA
HP Wireless Mouse X3000	2HW68AA
HP X3000 Purple Wireless Mouse	K5D29AA
HP Red Wireless Mouse	2VY32AA
HP Wireless Mouse 200	2HU84AA
HP Red Wireless Mouse	2VY30AA
HP Red Wireless Mouse	2VY31AA
HP Wireless Mouse 200	2HU85AA
HP Wireless Mouse X3000	2ET89AA
HP X3300 (White) Wireless Mouse	H4N94AA
HP X3000 Wireless Mouse	H2C22AA
HP X3000 Cobalt Blue Wireless Mouse	N4G63AA
HP Wired Mouse X1200	2HY55AA
HP Pavilion Gaming Mouse 300	4PH31AA
OMEN by HP Reactor Mouse	2VP02AA
HP Wired Mouse 1000	4QM14AA
HP X3000 Red Wireless Mouse	K5D26AA
HP Z3200 Natural Silver Wireless Mouse	N4G84AA
HP Red Wireless Mouse	2VY29AA
HP Wireless Mouse 200	2HU83AA

## Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 600	3ML05AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA
HP Wireless Keyboard and Mouse 200	Z3Q63AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Wireless Keyboard and Mouse 300	3ML04AA

## Audio/Multimedia and Communication Devices

## Headsets

HP H2800 Black Headset	J8F10AA
HP In-Ear Headset 150	2AP92AA
HP H2310 White In-ear Headset	J8H43AA
HP In-Ear Headset 150	2AP91AA
HP In-Ear Headphone 100	1KF56AA
HP In-Ear Headphone 100	1KF54AA
HP 2800 Stereo DF Blue Headset	W1Y20AA
HP Bluetooth® Headset 400	2ZW81AA
HP On-Ear Headphone 200	2VB10AA
HP H2800 White Headset	F6J04AA
HP 2800 Red Stereo Headset	W1Y21AA
HP On-Ear Headphone 200	2VB09AA
HP In-Ear Headset 150	2AP93AA
HP USB Headset 500	1NC57AA
HP Bluetooth® Headset 400	5AX91AA
HP Bluetooth® Headset 400	2ZW82AA
HP On-Ear Headphone 200	2VB08AA
HP Headset H2310	1XF62AA
HP Pavilion Gaming Headset 400	4BX31AA
HP Earbuds Black Headset 150	X7B04AA
HP In-Ear Headphone 100	1KF55AA
HP Pavilion Bluetooth® Headset 600	1SH06AA
HP Stereo Headset H2800	2AP94AA
HP Pavilion Gaming Headset 600	4BX33AA
HP H2310 Black In-ear Headset	J8H42AA
HP Boom Mic Headset 150	2EM62AA
HP In-Ear Headset 150	2AP90AA
HP Stereo Headset H2800	2AP95AA
OMEN by HP Headset 800	1KF76AA

## Speakers

HP White S6500 Wireless Speaker	N5G10AA
HP Wireless Mini Speaker S6500	2HM66AA
HP Bluetooth® Mini Speaker 300	2CB31AA
HP S3100 Black USB Speaker	V3Y47AA

HP Speaker System 400	1FN47AA
HP Bluetooth Speaker 400	2CB29AA
HP Black S6500 Wireless Speaker	N5G09AA
HP Wireless Mini Speaker S6500	2HM63AA
HP Speaker System 400	1FU68AA
HP Bluetooth Speaker 400	XON08AA
HP Bluetooth® Mini Speaker 300	2CB32AA
HP Wireless Mini Speaker S6500	2HM61AA
HP Mini Bluetooth Speaker 300	XON11AA

## Headphones

HP H3100 Black Wired Headphone	T3U77AA
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## Cases and Covers

### Backpacks

HP 15.6 in Odyssey Green/Black Backpack	T5P98AA
HP 15.6 Odyssey Backpack	Y5Y50AA
HP 15.6 Duotone Backpack	4QF96AA
HP 15.6 in Green/Gray Odyssey Backpack	L8J89AA
OMEN X by HP Transceptor Backpack	3KJ69AA
HP ENVY Urban 15 Backpack	3KJ72AA
HP 15.6 in Black Odyssey Backpack	L8J88AA
HP 15.6 in Odyssey Red/Black Backpack	X0R83AA
HP 15.6 in Spectrum Black Sleeve	M5Q08AA
HP ENVY Urban 14 Sleeve	3KJ70AA
HP 15.6 Duotone Backpack	4QF97AA
HP 17.3 in OMEN Gaming Backpack	K5Q03AA
HP 15.6 Duotone Orange Backpack	Y4T23AA
OMEN by HP Gaming Backpack	4YJ80AA

### Cases

HP 15.6 Duotone Briefcase	4QF95AA
HP 15.6 Duotone Blue BriefCase	Y4T19AA
HP 15.6 Duotone Briefcase	4QF94AA
HP 15.6 Duotone Red BriefCase	Y4T18AA

## Covers

HP Carry Sleeve 17	3XD38AA
HP Carry Sleeve 17	3XD37AA

## Batteries/Chargers/Adapters

### Power Adapters

HP Pavilion High Power Adapter 150W	2DR33AA
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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>.

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