OMEN by HP – 15-dc0029na (4KG54EA)

Overview

Powerful. Portable. Nothing holds you back.

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 up to NVIDIA® GeForce® GTX 1070 graphics with Max-Q design, an 8th generation 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 either a 4K[1], or FHD[1] with 60 Hz or 144 Hz refresh rate[2], and NVIDIA® G-SYNC™ on select models[3]. A zoned backlit keyboard with 26-key rollover is strategically designed to accelerate your gaming reflexes.

OMEN   HP Fast Charge   epeat SILVER   ENERGY STAR   NVIDIA GEFORCE GTX

Features

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.

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.

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.

DTS Headphone: X technology

By producing authentic, spatially accurate 3D sound through any headphones or earbuds, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible.

Single access panel

Quickly access your PC's internals with the large, single panel on the bottom of the laptop. Held on by only a few screws, it's easily removable for upgrading or maintenance.

USB 3.0 connector

With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

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[1] 4K content required to view full 4K images. Full HD (FHD) content required to view FHD images.

[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[3] See www.hp.com for available features.

Specifications

Operating system	Windows 10 Home 64
Product color	Shadow black
Processor family	8th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-8750H (2.2 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores)[6,7]
Chipset	Intel® HM370
Memory	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Internal Storage	1 TB 7200 rpm SATA
Product design	Carbon fiber cover pattern, sandblasted hairline keyboard frame finish
Graphics	Discrete
Graphics	NVIDIA® GeForce® GTX 1060 (6 GB GDDR5 dedicated)
Display	39.6 cm (15.6") diagonal FHD 144 Hz IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
Display	15.6" diagonal FHD 144 Hz IPS anti-glare micro-edge WLED-backlit (1920 x 1080)
Display size (diagonal)	39.6 cm (15.6")
Audio features	Bang & Olufsen, dual speakers, HP Audio Boost, DTS Headphone:X™ support
Minimum dimensions (W x D x H)	36 x 26.3 x 2.5 cm *(Dimensions vary by configuration)*
Weight	2.52 kg *(Weight varies by configuration)*
Keyboard	Full-size 4-zone lighting backlit keyboard with numeric keypad and NKRO
Pointing device	Touchpad with multi-touch gesture support
Input devices	Accelerometer
Webcam	HP Wide Vision HD Camera with integrated dual array digital microphone
Ports	1 Thunderbolt™ 3 (Data Transfer up to 40 Gb/s, DP1.2, HP Sleep and Charge); 3 USB 3.1 Gen 1 (1 HP Sleep and Charge); 1 Mini DisplayPort™; 1 HDMI; 1 RJ-45; 1 headphone/microphone combo; 1 microphone-in
Expansion slots	1 multi-format SD media card reader
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo
Power supply type	200 W AC power adapter
Battery type	4-cell, 70 Wh Li-ion
Battery life	Up to 6 hours and 15 minutes[3]

Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Special features	NVIDIA G-SYNC™ technology
Security management	Kensington MiniSaver™ security lock support
Pre-installed software	Netflix
Software included	McAfee LiveSafe™
Software – Productivity & finance	1 month trial for new Microsoft Office 365 customers
Cloud service	Dropbox[1]
UPC number	193015178908
Warranty	1 year limited parts, labour, and pickup and return service
Limited warranty coverage and exceptions	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.

Additional specifications

Additional information about HP	http://www.hp.com
Battery life video playback	Up to 4 hours and 45 minutes
HP apps	OMEN Command Center; HP Audio Switch; HP CoolSense; HP JumpStart
Hard drive (2nd)	256 GB PCIe® NVMe™ M.2 SSD
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 1 TB HDD storage; 256 GB SSD storage
Processor speed	2.2 GHz
Product language options	#ABU
Service description	3-year pickup and return
Storage type	SSD; HDD

[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. Internet service required and not included.

[3] Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com for additional details.

[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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

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

Accessories

Audio/Multimedia and Communication Devices

Headsets

HP H2800 Purple Headset	F6J06AA
HP Pavilion Bluetooth® Headset 600	1SH06AA
HP 2800 Stereo DF Blue Headset	W1Y20AA
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA
HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA
HP USB Headset 500	1NC57AA
HP In-Ear Stereo Headset H2310 (Black w. Silk Gold)	1XF62AA
HP 2800 Red Stereo Headset	W1Y21AA
Plantronics Blackwire 325.1-M	X1H27AA
Plantronics Voyager Legend UC B235-M	X1H24AA
Plantronics Voyager Focus UC B825-M	X1H25AA
OMEN by HP Headset 800	1KF76AA
Blackwire C310-M	X1H26AA

Speakers

HP Mini Bluetooth Speaker 300	X0N11AA
HP Black S6500 Wireless Speaker	N5G09AA
HP Bluetooth Speaker 400	X0N08AA
HP Speaker System 400	1FU68AA
HP S3100 Black USB Speaker	V3Y47AA
HP White S6500 Wireless Speaker	N5G10AA

Keyboards/Mice/Monitors and Input Devices

Mice

HP Bluetooth® Mouse Z5000	2HW67AA
HP X1200 Revolutionary Blue Wired Mouse	H6F00AA
HP X3000 Wireless Mouse	H2C22AA
HP X1200 Flyer Red Wired Mouse	H6F01AA
HP Wireless Mouse X3000 (Pike Silver)	2HW68AA
HP X9000 OMEN Mouse	J6N88AA

HP X3000 Blizzard White Wireless Mouse	N4G64AA
HP X900 Wired Mouse	V1S46AA
HP Wireless Mouse 200 (Silk Gold)	2HU83AA
HP Spectre Bluetooth® Mouse 500 (Pike Silver)	1AM58AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Z3200 Black Wireless Mouse	J0E44AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Wired Mouse X1200	2HY55AA
HP Wireless Mouse 200 (Empress Red)	2HU82AA
HP Z3700 White Wireless Mouse	V0L80AA
HP ENVY Rechargeable Mouse 500	2WX69AA
HP Z3700 Blue Wireless Mouse	V0L81AA
HP Z3200 Natural Silver Wireless Mouse	N4G84AA
HP Z3700 Red Wireless Mouse	V0L82AA
HP Z3700 Purple Wireless Mouse	X7Q45AA
HP X1000 Mouse	H2C21AA
OMEN by HP Mouse Pad 300	1MY15AA
HP X4500 Wireless (Metal Black) Mouse	H2W26AA
HP Wireless Mouse 200	X6W31AA
HP X3500 Wireless Mouse	H4K65AA
HP Spectre Bluetooth® Mouse 500 (Dark Ash Wood)	1AM57AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA
HP X1500 Mouse	H4K66AA
HP Wireless Mouse Z4000	2HW66AA
HP X1200 Sparkling Black Wired Mouse	H6E99AA
HP Bluetooth® Mouse Z5000	E5C13AA
HP Z3700 Black Wireless Mouse	V0L79AA
HP X500 Wired Mouse	E5E76AA
HP X3000 Cobalt Blue Wireless Mouse	N4G63AA
HP Wireless Mouse 200 (Pike Silver)	2HU84AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
OMEN by HP Mouse 600	1KF75AA

Keyboards

HP K2500 Wireless Keyboard	E5E78AA
OMEN by HP Keyboard 1100	1MY13AA

HP K3010 Keyboard	P0Q50AA

Keyboard and Mouse Kits

HP Wireless Keyboard and Mouse 200	Z3Q63AA
HP Wired Combo C2500	H3C53AA
HP C2710 Combo Keyboard	M7P30AA

Webcams

Web Cameras

HP Webcam HD2300	Y3G74AA
HP HD 4310 Webcam	Y2T22AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB-C to USB 3 Adapter	P7Z56AA
HP USB-C to USB-A Hub	Z8W90AA
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP Spectre USB-C™ Travel Dock	2SR85AA
HP USB-C to VGA Display Adapter	P7Z54AA
HP USB-C to HDMI/ USB 3.0/ USB-C	1BG94AA

Cases and Covers

Backpacks

HP 15.6 in Value Backpack	K0B39AA
HP 15.6 in Value Topload Case	K0B38AA
HP 39.62 cm(15.6") Classic Backpack and Mouse	1FK04AA
HP 17.3 in OMEN Gaming Backpack	K5Q03AA

Cases

HP 39.62 cm(15.6") Classic Briefcase and Mouse	1FK06AA
HP Value Briefcase and Wireless Mouse Kit	2GJ35AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

Batteries/Chargers/Adapters

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter	2PC54AA

Software

Application Software

Desktop Application Software

Microsoft Office 2016 Home and Business Software	X7W31AA

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