HP ENVY x360 Laptop - 15-ee0154ng (1B2E7EA)

Overview

Made to follow your creative lead

Create on-the-go with a convertible laptop designed to move with you. The power of a 360 degree hinge combined with the simultaneous use of touch and pen[2] make for vibrant, accurate creations. With a long battery life and peace of mind features, you can create from day to night with ease.

The power to bring your creations to life

With the powerful AMD Ryzen processor[1] with Radeon Graphics, a long battery life, ample SSD storage and HP Command Center, your creative possibilities are endless.

Privacy for your peace of mind

Keep it confidential with an unhackable camera shutter and dedicated microphone mute button.

Thoughtfully designed

The vivid, Full high definition micro-edge display[3] ensures colors are vibrant and accurate. The 360 degree hinge adapts so you can capture every intricate sketch with precision.
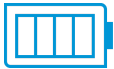
Features

Windows 10

Do great things confidently with the familiar feel of Windows - only better.[4]

AMD Ryzen™ 5 Processor

Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.[5]

AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.

Authentic wood accents. Crafted to be as unique as you.

This exquisitely designed PC is accented with a one-of-a-kind, authentic wood grain pattern. The precision touchpad and retained wood texture is crafted for a seamless and warm experience.[6]

Battery life for long days

Extend your day into the night with up to 11 hours and 30 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.[7]

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

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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. AMD's numbering is not a measurement of clock speed.

[2] Pen or stylus sold separately.

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

[4] 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.

[5] 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.

[6] Wood grain pattern will vary by PC.

[7] 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 https://bapco.com/products/mobilemark-2018/ for additional details.

Specifications

Operating system	Windows 10 Home 64
Product color	Nightfall black aluminum
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 4500U (2.3 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores)[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-3200 SDRAM (2 x 4 GB)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted anodized finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio features	Audio by Bang & Olufsen; 3 speakers; HP Audio Boost 2.0
Minimum dimensions (W x D x H)	35.8 x 23 x 1.89 cm *(Dimensions vary by configuration)*
Weight	2 kg *(Weight varies by configuration)*
Keyboard	Full-size, backlit, nightfall black keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Input devices	Accelerometer; Gyroscope; eCompass; IR Thermal sensor
Webcam	HP Wide Vision 720p HD camera with camera shutter and integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 AC smart pin; 1 headphone/microphone combo[19]
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 55.2 x 30.5 cm
Package weight	2.86 kg
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo[14]
Power supply type	65 W AC power adapter

Battery type	3-cell, 51 Wh Li-ion
Battery life	Up to 11 hours and 30 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
Battery weight	210 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Security management	All-in-One keyboard; Camera Shutter
Pre-installed software	Alexa; Netflix; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)[22]
Software included	McAfee LiveSafe™
Software – Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	Dropbox[1]
UPC number	195122244569
Warranty	2 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 capacity	51
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 13 hours
Battery type	Li-ion
Bluetooth version	Bluetooth® 5
Brightness	250 nits
Color gamut	45% NTSC
Datasheet photo 1	AHID/7a3ef8b9bd0e90ada3f5e351e50efe12e0753036
Datasheet photo 2	AHID/221169c26f278424d72d06da5969fc5259d1c349
Datasheet photo 3	AHID/4c44ad8e9bdab2a6dfb906f0f34f4a716c6612a3
Datasheet photo 4	AHID/c9e3bbfe4c9435d98788bb3e7f13d9f57ad91b7c
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
Display design	edge-to-edge glass
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display touchscreen type	multitouch-enabled
ECC memory	No
Fingerprint reader	Fingerprint reader
HP apps	HP 3D DriveGuard; HP Audio Switch; HP Command Center; HP JumpStart; HP Support Assistant
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 512 GB SSD storage
Memory layout (slots & size)	2 x 4 GB

Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	2
Package depth, imperial (extended size)	21.73
Package depth, imperial (most common size)	20.47
Package depth, metric (extended size)	55.2
Package depth, metric (most common size)	52
Package height, imperial (extended size)	12
Package height, imperial (most common size)	12
Package height, metric (extended size)	30.5
Package height, metric (most common size)	30.5
Package width, imperial (extended size)	2.71
Package width, imperial (most common size)	2.71
Package width, metric (extended size)	6.9
Package width, metric (most common size)	6.9
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	AMD
Processor base frequency	2.3
Processor base frequency uom	GHz
Processor core	6
Processor family	Ryzen™ 5

Processor maximum frequency	4.0
Processor maximum frequency uom	GHz
Processor model	4500U
Processor speed	2.3 GHz
Processor threads	6
Product brand name	HP
Product language options	#ABD
Service description	3-year pickup and return
Storage capacity 01	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Technology logo, print 2	Publication logos/AMD RYZEN LOGO.jpg
Technology logo, print 3	Publication logos/EPEAT_silver_3C11.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
Touchscreen	Yes
Wireless Model	RTL8822CE
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] 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 https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.

[3] Windows 10 MobileMark 18 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 https://bapco.com/products/mobilemark-2018/ for additional details.

[5] Recharges your battery up to 50% within 30 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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

[19] HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality.

[22] Reverting to LastPass basic after 30 days.

[24] Must activate within 180 days of Windows activation.

Accessories

Cases and Covers

Covers

HP 15.6 Sleeve	**14V33AA ★**
HP ENVY Urban 39.62 cm (15.6") Sleeve	**3KJ70AA ★**
HP 35.56 cm (14") Carry Sleeve Black/Silver	3XD34AA
HP 39.62 cm (15.6") Black/Blue Neoprene Sleeve	V5C31AA
HP 39.62 cm (15.6") Black/Red Neoprene Sleeve	V5C30AA
HP 39.62 cm (15.6") Carry Sleeve Black/Gold	3XD35AA
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA
HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA
HP Envy Urban 15.6 Sleeve	7XG60AA

Backpacks

HP Renew 15 Grey Backpack	**1A211AA ★**
HP 15.6 Odyssey Backpack	7XG61AA
HP 15.6 Odyssey Backpack	7XG62AA
HP 15.6 Odyssey Sport Backpack - Facets Grey	5WK93AA
HP 15.6 Odyssey Sport Backpack - Facets White	5WK92AA
HP 15.6 in Value Backpack	K0B39AA
HP 15.6 in Value Topload Case	K0B38AA
HP 17.3 in OMEN Gaming Backpack	K5Q03AA
HP 39.62 cm (15.6") Active Backpack (Black/Mint Green)	1LU22AA
HP 39.62 cm (15.6") Active Backpack (Grey/Neon Yellow)	1LU23AA
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Gold	4QF96AA
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Silver	4QF97AA
HP Commuter Backpack (Black)	5EE91AA
HP Commuter Backpack (Blue)	5EE92AA
HP ENVY Urban 14 Sleeve	7XG59AA
HP ENVY Urban 14 Tote	7XG58AA
HP ENVY Urban 15 Backpack	7XG56AA
HP ENVY Urban 15 Topload Black	7XG57AA
HP ENVY Urban 35.56 cm (14") Sleeve	3KJ71AA
HP ENVY Urban 39.62 cm (15.6") Backpack	3KJ72AA

HP ENVY Urban 39.62 cm (15.6") Briefcase	3KJ73AA
HP Pavilion Gaming Backpack 400	6EU57AA
HP Pavilion Gaming Backpack 500	6EU58AA
HP Pavilion Tech Backpack	5EF00AA
HP Pavilion Wayfarer Backpack	5EE95AA
HP Renew 15 Navy Backpack	1A212AA
HP Spectre Folio Backpack	8GF06AA
OMEN Transceptor 15 Backpack	7MT84AA
OMEN Transceptor 15 Rolltop Backpack	7MT83AA
OMEN X by HP Transceptor Backpack	3KJ69AA
OMEN by HP Gaming Backpack	4YJ80AA

Cases

HP 39.62 cm(15.6") Pavilion Accent Black/Gold	4QF94AA
HP 39.62 cm(15.6") Pavilion Accent Black/Silver	4QF95AA
HP 43.94 cm (17.3") Value Topload Case	T0E18AA
HP ENVY Uptown Tote	5DW95AA
HP Renew 14 Grey Slim Briefcase	1A214AA
HP Renew 14 Navy Slim Briefcase	1A215AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

Keyboards/Mice and Input Devices

Mice

HP Pavilion Gaming Mouse Pad 400	5JH72AA ★
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA ★
HP ENVY Rechargeable Mouse 500	2LX92AA ★
HP Pavilion Gaming Mouse Pad 300	4PZ84AA ★
HP Bluetooth Travel Mouse	6SP25AA ★
OMEN by HP Mouse Pad 300	1MY15AA ★
HP Bluetooth® Mouse Z5000	2HW67AA
HP Bluetooth® Mouse Z5000	E5C13AA
HP Dual Mode Black Mouse 300	6CR71AA
HP Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA

HP Pavilion Gaming Mouse 300	4PH30AA
HP Spectre Rechargeable Mouse 700	4YH33AA
HP Spectre Rechargeable Mouse 700	4YH34AA
HP Spectre Rechargeable Mouse 700 (Bordeaux Burgundy)	5VD59AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Wired Mouse 1000	4QM14AA
HP Wireless Mouse 200	X6W31AA
HP Wireless Mouse 200 (Empress Red)	2HU82AA
HP Wireless Mouse 200 (Pike Silver)	2HU84AA
HP Wireless Mouse 200 (Silk Gold)	2HU83AA
HP Wireless Mouse 220	3FV66AA
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA
HP Wireless Mouse 220 (Snow White)	7KX12AA
HP Wireless Mouse 220 (Sunset Red)	7KX10AA
HP Wireless Mouse 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	7UH85AA
HP Wireless Mouse Z3700	7UH86AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700	7UH89AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP Wireless Mouse Z4000	H5N61AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X4500 Wireless (Metal Black) Mouse	H2W26AA
HP X500 Wired Mouse	E5E76AA
HP X900 Wired Mouse	V1S46AA
HP Z3700 Black Wireless Mouse	V0L79AA
HP Z3700 Blue Wireless Mouse	V0L81AA
HP Z3700 Ceramic White Wireless Mouse	171D8AA
HP Z3700 Forest Teal Wireless Mouse	171D9AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	V0L82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	V0L80AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA
OMEN Vector Essential Mouse	8BC52AA

OMEN Vector Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA
OMEN by HP Mouse 400	3ML38AA
OMEN by HP Mouse 600	1KF75AA
OMEN by HP Photon Wireless Mouse	6CL96AA
OMEN by HP Reactor Mouse	2VP02AA
OMEN by HP Reactor Mouse	7ZF19AA

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	**4CE99AA ★**
HP C2710 Combo Keyboard	M7P30AA
HP Pavilion Keyboard and Mouse 200	9DF28AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Combo C2500	H3C53AA
HP Wired Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Pavilion Wireless Keyboard 600 Black	**4CE98AA ★**
HP K1500 Keyboard	H3C52AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Gaming Keyboard 800	5JS06AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 600 White	4CF02AA
OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Keyboard 1100	1MY13AA
OMEN by HP Sequencer Keyboard	2VN99AA

Pointing Devices

HP Pen	1MR94AA
HP Rechargeable MPP 2.0 Tilt Pen (Black)	3J122AA
HP Rechargeable MPP 2.0 Tilt Pen (Silver)	3J123AA

Audio/Multimedia and Communication Devices

Headsets

HP Stereo Headset H2800 (Black w. Silk Gold)	**2AP94AA ★**	
HP Earbuds Black Headset 150	**X7B04AA ★**	
HP X1000 Wireless Gaming Headset	**7HC43AA ★**	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	obsolete
HP Pavilion Gaming Headset 600	4BX33AA	obsolete
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	
Omen X by HP Mindframe Headset	3XT27AA	

Speakers

HP Gaming Speakers X1000	8PB07AA

Headphones

OMEN Dyad Earbuds	8JE67AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

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

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA

Batteries/Chargers/Adapters

Power Adapters

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

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

Application Software

★ : Recommended

Desktop Application Software

Microsoft Office 2016 Home and Business Software	X7Q47AA
Microsoft Office 2016 Home and Student Software	X7Q46AA

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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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