



HP Pavilion x360 Laptop - 14-dw0177ng (21B28EA)



Overview

Power that revolves around you

Be free to create, share, and connect in more ways on a powerful convertible laptop designed to move with you. Streaming, chatting, and getting things done is way more fun when you find your perfect position. Flex, bend and flip from anywhere with a 360-degree hinge and long-lasting battery life.



Born to perform

Take on everything life throws your way with a laptop that can keep up. Multitasking feels easy and fast with a high performance Intel® processor and technology to get things done.

See more. Hear it all.

Your photos and videos fill more of the screen with a 3-sided micro-edge display and true-to-life resolution. Experience rich authentic sound with dual top-firing speakers and HP Audio Boost with Audio by B&O.



Designed to go the distance

Made for a marathon. With long-lasting battery life and HP Fast Charge^[1], you'll always power through.

Features



10th Generation Intel® Core™ processor

Experience power and responsive performance to boost your productivity. Enjoy immersive entertainment and game, stream and create content with accelerated performance.^[2]



Intel® Iris® Plus Graphics

Experience more powerful computing with integrated Intel® Iris® Plus graphics. Crank up your creative drive with accelerated speeds and ultra-high resolutions for optimized entertainment.^[3]



FHD IPS touchscreen

Always see your content at its best with 178° wide-viewing angles and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen.^[4]



Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.



Liberating battery life

Take on your day without worrying about recharging. With up to 8 hours and 45 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.^[5]



PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

[1] 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 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.

[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, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.

[3] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. 4K content required to view full 4K images.

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

[5] 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	Natural silver
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-1065G7 (1.3 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-3200 SDRAM (1 x 16 GB)
Internal Storage	1 TB PCIe® NVMe™ M.2 SSD
Product design	Paint cover and base finish, anodized aluminium keyboard frame
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Plus Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC
Display size (diagonal)	35.6 cm (14")
Audio features	Audio by B&O; Dual speakers; HP Audio Boost 1.0
Minimum dimensions (W x D x H)	32.4 x 22.1 x 1.87 cm <i>(Dimensions vary by configuration)</i>
Weight	1.61 kg <i>(Weight varies by configuration)</i>
Keyboard	Full-size, backlit, natural silver keyboard
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Input devices	Accelerometer; Gyroscope; eCompass
Webcam	HP Wide Vision 720p HD camera with integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 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 48.3 x 30.5 cm
Package weight	2.03 kg
Wireless	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo ^[14]
Power supply type	45 W Smart AC power adapter
Battery type	3-cell, 43 Wh Li-ion

Battery life	Up to 8 hours and 45 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	185 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
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	195122719777
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	43
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 13 hours and 15 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 5
Brightness	250 nits
Color gamut	45% NTSC
Datasheet photo 1	AHID/af46154e3e60c69b4bd7d299a298b8b3387100e4
Datasheet photo 2	AHID/6aba501fe17c06577bc585da30ce86dafc017979
Datasheet photo 3	AHID/fcb16b54b0c7c59aacadd89ca5c21291a26c1597
Datasheet photo 4	AHID/cb41d9f1d209d5691fb21827dcd63053e09d8bcb
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)	14
Display size (diagonal, metric)	35.6
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 CoolSense; HP JumpStart; HP Support Assistant
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	16 GB memory; 1 TB SSD storage
Memory layout (slots & size)	1 x 16 GB

Memory module type	DIMM
Memory size	16
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	1
Package depth, imperial (extended size)	20.47
Package depth, imperial (most common size)	19.01
Package depth, metric (extended size)	52
Package depth, metric (most common size)	48.3
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	Intel®
Processor base frequency	1.3
Processor base frequency uom	GHz
Processor core	4
Processor family	Core™ i7

Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	3.9
Processor maximum frequency uom	GHz
Processor model	1065G7
Processor speed	1.3 GHz
Processor threads	8
Product brand name	HP
Product language options	#ABD
Service description	3-year pickup and return
Storage capacity 01	1
Storage capacity uom 01	TB
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 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 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 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, branding and/or naming 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.

[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

Keyboards/Mice and Input Devices

★ : Recommended

Mice

HP Bluetooth Travel Mouse	6SP25AA ★
HP Dual Mode Black Mouse 300	6CR71AA ★
HP Z3700 Silver Wireless Mouse	X7Q44AA ★
HP Bluetooth® Mouse Z5000	2HW67AA
HP Bluetooth® Mouse Z5000	E5C13AA
HP ENVY Rechargeable Mouse 500	2LX92AA
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 Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
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	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
HP Z3700 Gold Wireless Mouse	X7Q43AA
HP Z3700 Red Wireless Mouse	VOL82AA
HP Z3700 White Wireless Mouse	VOL80AA
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA
OMEN Vector Essential Mouse	8BC52AA
OMEN Vector Mouse	8BC53AA
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 Pavilion Keyboard and Mouse 200	9DF28AA ★
HP C2710 Combo Keyboard	M7P30AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Combo C2500	H3C53AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Pavilion Wireless Keyboard 600 Black	4CE98AA ★	
HP K1500 Keyboard	H3C52AA	
HP Pavilion Gaming Keyboard 500	3VN40AA	obsolete
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

Cases and Covers

Backpacks

HP Renew 15 Navy Backpack	1A212AA ★
HP Pavilion Tech Backpack	5EF00AA ★
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	KOB39AA
HP 15.6 in Value Topload Case	KOB38AA
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 35.56 cm (14") Tote	3KJ74AA
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 Wayfarer Backpack	5EE95AA
HP Renew 15 Grey Backpack	1A211AA
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

Covers

HP 35.56 cm (14") Black/Blue Neoprene Sleeve	V5C27AA
HP 35.56 cm (14") Black/Red Neoprene Sleeve	V5C26AA
HP 35.56 cm (14") Carry Sleeve Black/Gold	3XD33AA
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 ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA
HP Envy Urban 15.6 Sleeve	7XG60AA
HP Spectre Folio Pouch	5DC31AA
HP Spectre Folio Sleeve	5DC30AA

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	TOE18AA
HP ENVY Uptown Tote	5DW95AA
HP Renew 14 Grey Slim Briefcase	1A214AA
HP Renew 14 Grey Tote	1A216AA
HP Renew 14 Navy Slim Briefcase	1A215AA
HP Renew 14 Navy Tote	1A217AA
HP Renew 15 Grey Topload	1A213AA
HP Renew 15 Navy Topload	1A218AA
HP Spectre Folio Top Load	8GF07AA

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub

5LX63AA ★

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB-C to HDMI/ USB 3.0/ USB-C

1BG94AA ★

HP Spectre USB-C Travel Dock

2SR85AA

HP USB Type-C to RJ45 Adapter

V8Y76AA

HP USB-C to USB-A Hub

Z8W90AA

HP USB-C to VGA Display Adapter

P7Z54AA

Batteries/Chargers/Adapters

AC Adapters

HP 65W USB-C Slim Travel Power Adapter

7EZ26AA

HP USB-C Travel Power Adapter 65W

X7W50AA

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter

2PC54AA

Audio/Multimedia and Communication Devices

Headsets

HP Earbuds Black Headset 150

X7B04AA

HP In-Ear Headset 150 (Marine Blue)

2AP91AA

HP Pavilion Gaming Headset 400

4BX31AA

HP Pavilion Gaming Headset 600

4BX33AA

HP Stereo Headset H2800 (Black w. Silk Gold)

2AP94AA

HP Stereo Headset H2800 (White w. Pike Silver)

2AP95AA

HP X1000 Wireless Gaming Headset

7HC42AA

HP X1000 Wireless Gaming Headset

7HC43AA

OMEN Frequency Wireless Headset

9FL60AA

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

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

Security Management Software

★ : Recommended

Internet Security Management Software

Kaspersky Bundle Internet Security 3 devices	W7C40AA	obsolete
Kaspersky Bundle Internet Security 5 devices	W7C42AA	obsolete
Kaspersky Internet Security 3 devices	W7C39AA	obsolete
Kaspersky Internet Security 5 devices	W7C41AA	obsolete

Application Software

Desktop Application Software

Microsoft Office 2013 Home and Business English	N1R77AA	
Microsoft Office 2013 Home and Business French	N1R78AA	
Microsoft Office 2013 Home and Business German	N1R79AA	
Microsoft Office 2013 Home and Business Italian	N1R80AA	
Microsoft Office 2016 Home and Business Software	W7C38AA	obsolete
Microsoft Office 2016 Home and Business Software	X7Q47AA	
Microsoft Office 2016 Home and Business Software	X7W31AA	obsolete
Microsoft Office 2016 Home and Business Software	YG146AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	
Microsoft Office 365 Home	M7K88AA	
Microsoft Office 365 Home English	N1R69AA	
Microsoft Office 365 Home French	N1R70AA	
Microsoft Office 365 Home German	N1R71AA	
Microsoft Office 365 Home Italian	N1R72AA	
Microsoft Office 365 Personal	M7K89AA	
Microsoft Office 365 Personal English	N1R73AA	
Microsoft Office 365 Personal French	N1R74AA	
Microsoft Office 365 Personal German	N1R75AA	
Microsoft Office 365 Personal Italian	N1R76AA	
Microsoft® Office Home and Business 2016 English	T7T87AA	obsolete
Microsoft® Office Home and Business 2016 French	T7T88AA	obsolete
Microsoft® Office Home and Business 2016 German	T7T86AA	obsolete
Microsoft® Office Home and Business 2016 Italian	T7T89AA	obsolete

Microsoft® Office Home and Student 2016 English	T7T91AA	obsolete
Microsoft® Office Home and Student 2016 French	T7T92AA	obsolete
Microsoft® Office Home and Student 2016 German	T7T90AA	obsolete
Microsoft® Office Home and Student 2016 Italian	T7T93AA	obsolete

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