HP Pavilion Laptop 15-eh0476ng (2T0T9EA)



Overview

Sophistication at work. Gratification at play.

The Pavilion 15 Laptop packs more performance into a smaller profile, so you can get more done wherever you go. Enjoy mind-blowing entertainment with a micro-edge screen and Audio by B&O.

Productivity simplified

Performance that's one step ahead. Experience a laptop that can keep up with you with a premium AMD® processor.

A screen that steals the show

With Audio by B&O, a larger screen-to-body ratio, and micro-edge bezels that maximize your view, entertainment on your laptop feels like stuffing a large popcorn into the small bag.

More delight in a smaller package

A compact laptop that makes it easy to get work done on the go with a Precision Touchpad, while the long battery life and HP Fast Charge[1] let you keep moving.

Features



Windows 10

Do great things confidently with the familiar feel of Windows - only better.[2]



AMD Ryzen™ 7 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.[3]



Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 45 minutes.[4]



PCIe SSD storage

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



Wi-Fi 5 (1x1) & Bluetooth® 4.2 (802.11a/b/g/n/ac)

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.[5]

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[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 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.

[2] 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.

[3] 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.

[4] 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.

[5] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. 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.

Specifications

Operating system	Windows 10 Home 64
Product color	Natural silver aluminum cover and keyboard frame, natural silver base
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 4700U (2.0 GHz base clock, up to 4.1 GHz max boost clock, 8 MB L3 cache, 8 cores)[6,7]
Chipset	AMD Integrated SoC
Memory	16 GB DDR4-3200 SDRAM (2 x 8 GB)
Internal Storage	1 TB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted cover and keyboard frame, paint finish base
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio features	Audio by B&O; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	36.02 x 23.4 x 1.79 cm *(Dimensions vary by configuration)*
Weight	1.75 kg *(Weight varies by configuration)*
Keyboard	Full-size, backlit, natural silver keyboard with numeric keypad
Pointing device	Imagepad with multi-touch gesture support; Precision Touchpad Support
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 52 x 30.5 cm
Package weight	2.34 kg
Wireless	Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo
Power supply type	45 W Smart AC power adapter
Battery type	3-cell, 41 Wh Li-ion
Battery life	Up to 7 hours and 45 minutes[3]

Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Security management	Kensington Nano Security lock slot
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	195161818349
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 capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 9 hours
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	250 nits
Color gamut	45% NTSC
Datasheet photo 1	AHID/273974112800a29d6a1a3fc2485833048a4eac37
Datasheet photo 2	AHID/56bd4418310fa69674fbe895bd2ff782f410ad5c
Datasheet photo 3	AHID/0838dbd006b5ae899ae382dbfdf548ea00858d7c
Datasheet photo 4	AHID/a3ccd4c4c984dbc270033a96475a222bef80d74d
Datasheet photo 5	Publication logos/HP_Care_Pack_RGB_blue_NT.jpg
Display	39.6 cm (15.6") diagonal FHD display
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
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 surface treatment	anti-glare
ECC memory	No
Fingerprint reader	Fingerprint reader not available
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)	2 x 8 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	2
Package depth, imperial (extended size)	21.73
Package depth, imperial (most common size)	20.47
Package depth, imperial (smallest possible size)	19.01
Package depth, metric (extended size)	55.2
Package depth, metric (most common size)	52
Package depth, metric (smallest possible size)	48.3
Package height, imperial (extended size)	12
Package height, imperial (most common size)	12
Package height, imperial (smallest possible size)	12
Package height, metric (extended size)	30.5
Package height, metric (most common size)	30.5
Package height, metric (smallest possible size)	30.5
Package width, imperial (extended size)	2.71
Package width, imperial (most common size)	2.71
Package width, imperial (smallest possible size)	2.71
Package width, metric (extended size)	6.9
Package width, metric (most common size)	6.9

Package width, metric (smallest possible size)	6.9
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	AMD
Processor base frequency	2.0
Processor base frequency uom	GHz
Processor cache	8 MB L3
Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	4.2
Processor maximum frequency uom	GHz
Processor model	4700U
Processor speed	2.0 GHz
Processor threads	16
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	No
Wireless Model	RTL8821CE
Wireless antenna	1x1
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. 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.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[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 Pavilion Gaming Mouse Pad 400	**5JH72AA ★**	
HP Dual Mode Black Mouse 300	**6CR71AA ★**	
HP Pavilion Gaming Mouse Pad 300	**4PZ84AA ★**	
HP Z3700 Silver Wireless Mouse	**X7Q44AA ★**	
OMEN by HP Mouse Pad 300	**1MY15AA ★**	
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	obsolete
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	obsolete

HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X1500 Mouse	H4K66AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	obsolete
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 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	obsolete
OMEN by HP Mouse 600	1KF75AA	obsolete
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 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 K2500 Wireless Keyboard	E5E78AA	
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 Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Keyboard 1100	1MY13AA	obsolete
OMEN by HP Sequencer Keyboard	2VN99AA	

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	**5LX63AA ★**	

Cases and Covers

Backpacks

HP Renew 15 Navy Backpack	**1A212AA ★**	
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 39.62 cm(15.6") Classic Backpack	1FK05AA	
HP Commuter Backpack (Black)	5EE91AA	

HP Commuter Backpack (Blue)	5EE92AA	obsolete
HP ENVY Urban 15 Backpack	7XG56AA	
HP ENVY Urban 15 Topload Black	7XG57AA	
HP ENVY Urban 39.62 cm (15.6") Backpack	3KJ72AA	
HP ENVY Urban 39.62 cm (15.6") Briefcase	3KJ73AA	
HP Lightweight 15.6 Laptop Backpack	1G6D3AA	
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 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	obsolete
OMEN by HP Gaming Backpack	4YJ80AA	

Cases

HP Renew 15 Navy Topload	**1A218AA ★**	
HP 15.6 SMB Topload Case	T0F83AA	
HP 39.62 cm (15.6") Focus Topload	T9B50AA	
HP 39.62 cm (15.6") SMB Backpack Case	T0F84AA	
HP 39.62 cm (15.6") Signature Slim Topload Case	L6V68AA	
HP 39.62 cm(15.6") Classic Briefcase	1FK07AA	
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") Signature Slim Topload Case	T0E19AA	
HP 43.94 cm (17.3") Value Topload Case	T0E18AA	
HP ENVY Uptown Tote	5DW95AA	
HP Lightweight 15.6 Laptop Bag	1G6D5AA	
HP Renew 14 Grey Slim Briefcase	1A214AA	
HP Renew 14 Navy Slim Briefcase	1A215AA	
HP Renew 15 Grey Topload	1A213AA	
HP Spectre Folio Top Load	8GF07AA	
OMEN Transceptor 17 Duffel Bag	7MT82AA	

Covers

HP 15.6 Sleeve	14V33AA	
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 39.62 cm (15.6") Neoprene Reversible Sleeve	2TX17AA	
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Gold)	2UF60AA	
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Silver)	2UF62AA	
HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA	
HP ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA	
HP Envy Urban 15.6 Sleeve	7XG60AA	
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA	
OMEN Transceptor 15 Sleeve	3J044AA	

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 Bluetooth Headset 500	2J875AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
OMEN Blast Headset	1A858AA	
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	obsolete

Speakers

HP Gaming Speakers X1000	8PB07AA	

Headphones

OMEN Dyad Earbuds	8JE67AA	

Batteries/Chargers/Adapters

AC Adapters

HP 65W USB-C Slim Travel Power Adapter	7EZ26AA	

Power Adapters

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

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA	

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP Spectre USB-C Travel Dock	2SR85AA	
HP Spectre USB-C™ Power Pack	2XF31AA	obsolete
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	obsolete
HP USB-C to VGA Display Adapter	P7Z54AA	

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	

Software

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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