



# HP Laptop - 15-ef1077nr (9UX48UA)



## Overview

### Power through your day

Stay connected to what matters most with long-lasting battery life and a thin micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 15 Laptop features reliable performance and an expansive display, so you can stream, surf and speed through tasks.



### View more, carry less

Thin, light, and designed to travel. See more of your photos, videos and projects on a 6.5 mm micro-edge bezel display.



### Go longer, faster

Long-lasting battery life<sup>[1]</sup> and HP Fast Charge technology lets you work, watch, and stay connected all day. Integrated precision touchpad with multi-touch support speeds up navigation and productivity.



### Reliable performance

Tackle your busiest days with the performance of a reliable processor. Save more of what you love with abundant storage for all your photos, videos and documents.

## Features



### Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>[3]</sup>



### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

### Brilliant BrightView panel

Perfect for an ideal indoor experience, get a bright, clear picture for all your videos, photos, and documents.



### AMD Athlon™ 3000 Series Mobile Processors with Radeon™ Graphics

Get more done faster on a reliable laptop that can keep up with your everyday tasks. AMD Athlon™ 3000 Series Mobile Processors deliver modern features and responsiveness, so you can say goodbye to a PC that freezes. Stream movies\*\* with extra-long battery life in beautiful, crystal-clear detail.<sup>[4]</sup>



### High-definition display

See your digital world in a whole new way. Enjoy movies and photos with the great image quality and high-definition detail of 1 million pixels.<sup>[6]</sup>



### AMD Radeon™ graphics

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

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*[1] Windows 10/ MM14 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-2014/> for additional details.*

*[3] 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>.*

*[4] 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. Internet access required and not included*

*[6] High-definition (HD) content is required to view HD images.*

## Specifications

Operating system	Windows 10 Home 64
Product color	Pale rose gold cover and base, natural silver keyboard frame
Processor family	AMD Athlon™ Processor
Processor	AMD Athlon™ Gold 3150U (2.4 GHz base clock, up to 3.3 GHz max boost clock, 1 MB L2 cache, 2 cores) <sup>[6,7]</sup>
Chipset	AMD Integrated SoC
Memory	4 GB DDR4-2400 SDRAM (1 x 4 GB)
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Product design	Paint cover and base finish, vertical brushing pattern with IMR finish keyboard frame
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal HD, SVA, BrightView, micro-edge, WLED-backlit, 220 nits, 45% NTSC (1366 x 768)
Display	15.6" diagonal HD, SVA, BrightView, micro-edge, WLED-backlit, 220 nits, 45% NTSC (1366 x 768)
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Dual speakers
Minimum dimensions (W x D x H)	35.85 x 24.2 x 1.79 cm (Dimensions vary by configuration)
Minimum dimensions (W x D x H)	14.11 x 9.53 x 0.71 in
Weight	1.69 kg (Weight varies by configuration)
Weight	3.75 lb
Keyboard	Full-size, natural silver keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Webcam	HP True Vision 720p HD camera with integrated dual array digital microphone
Ports	1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 1.4b; 1 AC smart pin; 1 headphone/microphone combo
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 30.5 x 52 cm
Package weight	2.21 kg

<b>Wireless</b>	Realtek RTL8821CE 802.11b/g/n/ac (1x1) and Bluetooth® 4.2 Combo
<b>Power supply type</b>	45 W Smart AC power adapter
<b>Battery type</b>	3-cell, 41 Wh Li-ion
<b>Battery life</b>	Up to 7 hours and 15 minutes <sup>[3]</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 45 minutes <sup>[5]</sup>
<b>Battery weight</b>	7.4 oz
<b>Battery weight</b>	210 g
<b>Energy efficiency</b>	ENERGY STAR® certified; EPEAT® Silver registered
<b>Pre-installed software</b>	Netflix
<b>Software included</b>	McAfee LiveSafe™
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud service</b>	Dropbox <sup>[1]</sup>
<b>UPC number</b>	194850050657

## Additional specifications

Battery life video playback	Up to 9 hours and 15 minutes
Brightness	220 nits
Color gamut	45% NTSC
Display	39.6 cm (15.6") diagonal HD display
Display	15.6" diagonal HD display
ECC memory	No
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	4 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 4 GB
Memory module type	DIMM
Memory size	4
Memory size uom	GB
Memory speed	2400
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	1
Package dimensions (W x D x H)	2.72 x 12 x 20.47 in
Package weight	4.87 lb
Processor Brand	AMD
Processor base frequency	2.4
Processor base frequency uom	GHz
Processor cache	4
Processor core	2
Processor family	Athlon™ Gold
Processor maximum frequency	3.3
Processor maximum frequency uom	GHz
Processor model	3150U
Processor speed	2.4 GHz
Processor threads	4
Product brand name	HP
Storage type	SSD
Touchscreen	No

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[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.

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

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## Batteries/Chargers/Adapters

★ : Recommended

### AC Adapters

HP 65W Smart Power AC Adapter	<b>W5D56AA ★</b>
HP 65W Slim with USB AC Adapter	<b>G6H47AA ★</b>
HP 65W 4.5mm Non-EM AC Adapter	Y5Y43AA
HP 65W Slim AC Adapter	5SA18AA
HP Travel Power Adapter 65W	1MY05AA
HP Travel Power Adapter 65W	X7W51AA

### Travel Adapter and Chargers

HP Travel Adapter 90W	1HU30AA
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## Cases and Covers

### Backpacks

HP Commuter Backpack	<b>5EE91AA ★</b>
HP 15.6 in Value Backpack	<b>K0B39AA ★</b>
HP 15.6 in Value Topload Case	<b>K0B38AA ★</b>
HP 15.6 Duotone Backpack	4QF96AA
HP 15.6 Duotone Backpack	4QF97AA
HP 15.6 Odyssey Backpack	5WK92AA
HP 15.6 Odyssey Backpack	5WK93AA
HP 15.6 Odyssey Backpack	5WK94AA
HP 15.6 Odyssey Backpack	7XG61AA
HP 15.6 Odyssey Backpack	7XG62AA
HP 15.6 Odyssey Backpack	Y5Y50AA
HP 15.6 in Black Odyssey Backpack	L8J88AA
HP 15.6 in Green/Gray Odyssey Backpack	L8J89AA
HP 17.3 in OMEN Gaming Backpack	K5Q03AA
HP Active Backpack	1LU22AA
HP Active Backpack	1LU23AA
HP Active Backpack	1LU24AA
HP Active Backpack	1MR61AA

HP Commuter Backpack	5EE92AA
HP Commuter Backpack	5EE94AA
HP ENVY Uptown Backpack	5DW97AA
HP ENVY Urban 14 Sleeve	3KJ71AA
HP ENVY Urban 14 Sleeve	7XG59AA
HP ENVY Urban 15 Backpack	3KJ72AA
HP ENVY Urban 15 Backpack	7XG56AA
HP ENVY Urban 15 Briefcase	3KJ73AA
HP ENVY Urban 15.6 Briefcase	7XG57AA
HP Pavilion Gaming Backpack 300	6EU56AA
HP Pavilion Gaming Backpack 400	6EU57AA
HP Pavilion Gaming Backpack 500	6EU58AA
HP Pavilion Rolltop Backpack	5EE87AA
HP Pavilion Rolltop Backpack	5EE88AA
HP Pavilion Rolltop Backpack	5EE90AA
HP Pavilion Tech Backpack	5EE99AA
HP Pavilion Tech Backpack	5EF00AA
HP Pavilion Tech Backpack	5EF01AA
HP Pavilion Tech Backpack	5EF02AA
HP Pavilion Wayfarer Backpack	5EE95AA
HP Pavilion Wayfarer Backpack	5EE98AA
HP Renew Backpack	1A211AA
HP Renew 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

## Covers

HP 15 Reversible Protective Sleeve	6UY96AA
HP 15 Reversible Protective Sleeve	7KX13AA
HP 15.6 Black/Red Neoprene Sleeve	V5C30AA
HP 15.6 Neoprene Sleeve	V5C31AA
HP Carry Sleeve 15	3XD35AA
HP Carry Sleeve 15	3XD36AA



HP Carry Sleeve 17	3XD37AA
HP Carry Sleeve 17	3XD38AA
HP Envy Urban 15.6 Sleeve	2UF58AA
HP Envy Urban 15.6 Sleeve	3KJ70AA
HP Envy Urban 15.6 Sleeve	7XG60AA
HP Pavilion 15 Everyday Sleeve	6JY51AA

## Cases

HP 15.6 Duotone Briefcase	4QF94AA
HP 15.6 Duotone Briefcase	4QF95AA
HP 17.3 Value Topload Case	T0E18AA
HP ENVY Uptown Convertible Pack	5DW93AA
HP Renew Slim Briefcase	1A214AA
HP Renew Slim Briefcase	1A215AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

## Keyboards/Mice and Input Devices

### Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA ★	
HP Pavilion Keyboard and Mouse 200	9DF28AA ★	
HP C2500 Desktop	H3C53AA ★	
HP C2500 Desktop	J8F15AA	
HP C2710 Combo Keyboard	M7P30AA	
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA	
HP Pavilion Wireless Keyboard and Mouse 600	3ML05AA	
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA	
HP Wired Keyboard and Mouse 160	6HD76AA	
HP Wireless Keyboard and Mouse 200	Z3Q63AA	obsolete
HP Wireless Keyboard and Mouse 250	6JU16AA	
HP Wireless Keyboard and Mouse 300	3ML04AA	

### Mice

HP Wireless Mouse 200	X6W31AA ★	
HP Wired Mouse 1000	4QM14AA ★	
HP 201 Silver Wireless Mouse	3DH83AA	obsolete

HP Bluetooth Travel Mouse	6SP25AA	
HP Bluetooth® Mouse 250	6CR73AA	
HP Bluetooth® Mouse Z5000	2HW67AA	
HP Dual Mode Mouse	6CR71AA	
HP ENVY Rechargeable Mouse 500	2LX92AA	
HP ENVY Rechargeable Mouse 500	2WX69AA	
HP Elite Presenter Mouse	3YF38AA	
HP Pavilion Gaming Mouse 200	5JS07AA	
HP Pavilion Gaming Mouse 300	4PH30AA	
HP Pavilion Gaming Mouse 300	4PH31AA	
HP Retractable Wired Mouse 100	6GJ71AA	
HP Spectre Bluetooth Mouse 500	1AM57AA	obsolete
HP Spectre Bluetooth Mouse 500	1AM58AA	
HP Spectre Rechargeable Mouse 700	3NZ70AA	
HP Spectre Rechargeable Mouse 700	3NZ71AA	
HP Spectre Rechargeable Mouse 700	4YH33AA	
HP Spectre Rechargeable Mouse 700	4YH34AA	
HP Spectre Rechargeable Mouse 700	5VD59AA	
HP Wired Mouse 100	6VY96AA	
HP Wireless Mouse 200	2HU82AA	
HP Wireless Mouse 200	2HU83AA	
HP Wireless Mouse 200	2HU84AA	
HP Wireless Mouse 200	2HU85AA	
HP Wireless Mouse 200	2VY31AA	
HP Wireless Mouse 200	2VY33AA	
HP Wireless Mouse 201	3XA55AA	
HP Wireless Mouse 202	2NE06AA	
HP Wireless Mouse 220	3FV66AA	
HP Wireless Mouse 220	7KX10AA	
HP Wireless Mouse 220	7KX11AA	
HP Wireless Mouse 220	7KX12AA	
HP Wireless Mouse 220 with Pouch	6JA61AA	
HP Wireless Mouse 220 with Pouch	6JA62AA	
HP Wireless Mouse 220 with Pouch	6JA63AA	
HP Wireless Mouse 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	

HP Wireless Mouse X3000	2HW68AA	obsolete
HP Wireless Mouse X3000	2HW69AA	
HP Wireless Mouse Z3700	4QF62AA	obsolete
HP Wireless Mouse Z3700	4VY81AA	
HP Wireless Mouse Z3700	4VY82AA	
HP Wireless Mouse Z3700	6SD49AA	
HP Wireless Mouse Z3700	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z4000	2HW66AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 Wireless Mouse	H2C22AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	
HP Z3200 Black Wireless Mouse	J0E44AA	
HP Z3200 White Wireless Mouse	E5J19AA	
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 Bluetooth Mouse	E5C13AA	
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	

## Keyboards

HP Classic Wired Keyboard	WZ972AA
HP K1500 Keyboard	H3C52AA
HP K1500 Keyboard	J8F16AA
HP K2500 Wireless Keyboard	E5E77AA
HP Keyboard 100	2UN30AA
HP Pavilion Gaming Keyboard 500	3VN40AA
HP Pavilion Gaming Keyboard 550	9LY71AA
HP Pavilion Gaming Keyboard 800	5JS06AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 400	4XL88AA
HP Pavilion Wireless Keyboard 600	4CE98AA
HP Pavilion Wireless Keyboard 600	4CF02AA
HP Spectre Rechargeable Keyboard 1000	2ER92AA
OMEN by HP Encoder Keyboard	6YW75AA
OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Keyboard 1100	1MY13AA
OMEN by HP Sequencer Keyboard	2VN99AA

## Cables/Cable Kits/Cable Adapters

### Cable Adapters

HP USB-C to USB-A Hub	Z8W90AA ★	
HP USB-C to USB 3 Adapter	P7Z56AA ★	obsolete
HP Spectre USB-C Travel Dock	2SR85AA	
HP USB Type-C to RJ45 Adapter	V8Y76AA	
HP USB-C Dock	YOK80AA	
HP USB-C to Multi-port Hub	1BG94AA	

## Audio/Multimedia and Communication Devices

### Headphones

HP Black Doha In-Ear Headset 150	Z3M53AA
OMEN Dyad Earbuds	8JE67AA

## Headsets

HP Bluetooth Headset 400	2ZW81AA	
HP Bluetooth Headset 400	2ZW82AA	
HP Boom Mic Headset 150	2EM62AA	
HP Earbuds Black Headset 150	X7B04AA	
HP H2800 Black Headset	J8F10AA	
HP In-Ear Headphone 100	1KF54AA	
HP In-Ear Headphone 100	1KF55AA	
HP In-Ear Headphone 100	1KF56AA	
HP In-Ear Headset 150	2AP90AA	
HP In-Ear Headset 150	2AP91AA	
HP In-Ear Headset 150	2AP92AA	
HP In-Ear Headset 150	2AP93AA	
HP On-Ear Headphone 200	2VB08AA	
HP On-Ear Headphone 200	2VB09AA	obsolete
HP On-Ear Headphone 200	2VB10AA	obsolete
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 400	4BX32AA	obsolete
HP Pavilion Gaming Headset 600	4BX33AA	
HP Pavilion Gaming Headset 600	5RY19AA	
HP Stereo Headset H2800	2AP94AA	
HP Stereo Headset H2800	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
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
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## Networking Products

### Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA
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# Graphics Cards

## Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA
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# Docking and Port Replicators

## Docking Stations

HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA
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# PC Drives and Storage

## PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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