



HP Laptop 15s-eq2237ng (38S17EA)



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 15.6 inch Laptop features reliable performance and an expansive display, so you can stream, surf and speed through tasks.[1]



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 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.



Fingerprint reader

Seamlessly and securely log into your device with the touch of your finger.

Features



Windows 10

Do great things confidently with the familiar feel of Windows – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.^[2]



Full HD display

Sit back and enjoy crystal-clear visuals and images with the vibrant quality of 2 million pixels. The 1920 x 1080 resolution gives all your digital content a new dimension.^[3]



PCIe SSD storage

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



AMD Ryzen™ 5000 U Series Mobile Processors

If juggling video conferences, web browsing, building spreadsheets, and creating presentations is the norm, then AMD Ryzen™ 5000 Series Mobile Processor-powered devices are built with you in mind.



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.



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.^[4]

[1] Internet service required and not included.

[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>. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.

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

[4] 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
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 5300U (up to 3.8 GHz max boost clock, 4 MB L3 cache, 4 cores) ^[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Internal Storage	512 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, FHD (1920 x 1080), micro-edge, anti-glare, 250 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio features	Dual speakers
Minimum dimensions (W x D x H)	35.85 x 24.2 x 1.79 cm <i>(Dimensions vary by configuration)</i>
Weight	1.69 kg <i>(Weight varies by configuration)</i>
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 microphones
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
Wireless	Realtek RTL8821CE-M 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 9 hours and 30 minutes ^[3]

Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	210 g
Ecolabels	ENERGY STAR® certified; EPEAT® Silver registered
Pre-installed software	Alexa; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) [22]
Software included	McAfee LiveSafe™; 1-month Adobe free trial offer
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	195908065470
Manufacturer Warranty	1 year limited parts, labour, and pickup and return service

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life video playback	Up to 9 hours
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	250 nits
Color	Natural silver
Color gamut	45% NTSC
Datasheet photo 1	AHID/1d542e4e87a9b4937ff4ec7998d001a72031aa64
Datasheet photo 2	AHID/6b91a0205463131d14e59ac2dc35916372ab5668
Datasheet photo 3	AHID/f31bb6ef9552686cd43b35e2be4cb3d98fd038f1
Datasheet photo 4	AHID/55e07df847ef38abf298c9ed05ebc72abe929b55
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
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 (most common size)	20.47
Package depth, imperial (smallest possible size)	19.01
Package depth, metric (most common size)	52
Package depth, metric (smallest possible size)	48.3
Package height, imperial (most common size)	12
Package height, imperial (smallest possible size)	12
Package height, metric (most common size)	30.5
Package height, metric (smallest possible size)	30.5
Package width, imperial (most common size)	2.71
Package width, imperial (smallest possible size)	2.71
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 cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	3.8

Processor maximum frequency uom	GHz
Processor model	5300U
Processor threads	8
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 1	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	No
Wireless Model	RTL8821CE-M
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.

[22] Reverting to LastPass basic after 30 days.

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

Accessories

Cases and Covers

★ : Recommended

Backpacks

HP 15.6 in Value Backpack	KOB39AA ★	obsolete
HP 15.6 in Value Topload Case	KOB38AA ★	obsolete
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") Black Odyssey Backpack	L8J88AA	
HP 39.62 cm (15.6") Gray Odyssey Backpack	L8J89AA	
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Gold	4QF96AA	obsolete
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Silver	4QF97AA	obsolete
HP 39.62 cm(15.6") Classic Backpack	1FK05AA	
HP Commuter Backpack (Black)	5EE91AA	
HP ENVY Urban 15 Backpack	7XG56AA	obsolete
HP ENVY Urban 15 Topload Black	7XG57AA	obsolete
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 Lightweight 15.6 Laptop Backpack	1G6D3AA	
HP Pavilion Gaming Backpack 300	6EU56AA	
HP Pavilion Gaming Backpack 500	6EU58AA	
HP Prelude 15.6-inch Backpack	2Z8P3AA	
HP Prelude Backpack 15.6	1E7D6AA	
HP Renew 15 Grey Backpack	1A211AA	
HP Renew 15 Navy Backpack	1A212AA	
HP Renew Travel 15.6-inch Backpack	2Z8A3AA	
HP Spectre Folio Backpack	8GF06AA	
OMEN Transceptor 15 Backpack	7MT84AA	
OMEN Transceptor 15 Rolltop Backpack	7MT83AA	
OMEN by HP Gaming Backpack	4YJ80AA	

Cases

HP 15.6 SMB Topload Case	TOF83AA	
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HP 39.62 cm (15.6") Focus Topload	T9B50AA	obsolete
HP 39.62 cm (15.6") SMB Backpack Case	T0F84AA	
HP 39.62 cm (15.6") Signature Slim Topload Case	L6V68AA	obsolete
HP 39.62 cm(15.6") Classic Briefcase	1FK07AA	
HP 39.62 cm(15.6") Pavilion Accent Black/Gold	4QF94AA	obsolete
HP 39.62 cm(15.6") Pavilion Accent Black/Silver	4QF95AA	obsolete
HP 43.94 cm (17.3") Signature Slim Topload Case	T0E19AA	obsolete
HP 43.94 cm (17.3") Value Topload Case	T0E18AA	obsolete
HP Lightweight 15.6 Laptop Bag	1G6D5AA	
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA	
HP Prelude 17.3-inch Laptop Bag	34Y64AA	
HP Prelude Topload	1E7D7AA	
HP Renew 15 Grey Topload	1A213AA	
HP Renew 15 Navy Topload	1A218AA	
HP Renew Travel 15.6-inch Laptop Bag	2Z8A4AA	
HP Spectre Folio Top Load	8GF07AA	
OMEN Transceptor 17 Duffel Bag	7MT82AA	

Covers

HP 15.6 Sleeve	14V33AA	
HP 39.62 cm (15.6") Black/Blue Neoprene Sleeve	V5C31AA	obsolete
HP 39.62 cm (15.6") Black/Red Neoprene Sleeve	V5C30AA	obsolete
HP 39.62 cm (15.6") Carry Sleeve Black/Gold	3XD35AA	obsolete
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA	obsolete
HP 39.62 cm (15.6") Neoprene Reversible Sleeve	2TX17AA	obsolete
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Gold)	2UF60AA	obsolete
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Silver)	2UF62AA	obsolete
HP ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA	
HP Envy Urban 15.6 Sleeve	7XG60AA	obsolete
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA	
HP Reversible Protective 15.6-inch Blue Laptop Sleeve	2F1X7AA	
HP Reversible Protective 15.6-inch Geo Laptop Sleeve	2F2L0AA	
HP Reversible Protective 15.6-inch Gold Laptop Sleeve	2F2K6AA	
HP Reversible Protective 15.6-inch Mauve Laptop Sleeve	2F1W8AA	
HP Reversible Protective 15.6-inch Silver Laptop Sleeve	2F2K5AA	
OMEN Transceptor 15 Sleeve	3J044AA	

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	4CE99AA ★
HP Pavilion Keyboard and Mouse 200	9DF28AA ★
HP Wired Keyboard and Mouse 160	6HD76AA ★
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Mice

HP Wireless Mouse 220	3FV66AA ★	obsolete
HP Wireless Mouse 200	X6W31AA ★	
HP 220 Silent Wireless Mouse	391R4AA	
HP 930 Creator Wireless Mouse	1D0K9AA	
HP Bluetooth Travel Mouse	6SP25AA	
HP Bluetooth® Mouse Z5000	2HW67AA	
HP Bluetooth® Mouse Z5000	E5C13AA	
HP Dual Mode Black Mouse 300	6CR71AA	
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	4YH34AA	
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA	
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA	
HP Wired Mouse 100	6VY96AA	
HP Wired Mouse 1000	4QM14AA	
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	258A1AA	
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	obsolete
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	
HP Wireless Silent 280M Mouse	19U64AA	
HP X1500 Mouse	H4K66AA	obsolete
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	obsolete
HP X500 Wired Mouse	E5E76AA	
HP Z3700 Black Wireless Mouse	26V63AA	
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 Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	obsolete

Keyboards

HP Dual Mode Keyboard 1000	18J71AA	
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 Black	4CE98AA	
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 Sequencer Keyboard	2VN99AA	obsolete

Audio/Multimedia and Communication Devices

Speakers

HP Black Bluetooth Speaker 350	2D802AA	
HP Black Bluetooth Speaker 360	2D799AA	
HP Blue Bluetooth Speaker 350	2D803AA	
HP Gaming Speakers X1000	8PB07AA	
HP Silver Bluetooth Speaker 350	2D804AA	

Headsets

HP Bluetooth Headset 500	2J875AA	
HP Earbuds Black Headset 150	X7B04AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	obsolete
HP Pavilion Gaming Headset 600	4BX33AA	
HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN Blast Headset	1A858AA	
OMEN by HP Headset 800	1KF76AA	obsolete
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	

Headphones

HP Wireless Earbuds G2	169H9AA	
OMEN Dyad Earbuds	8JE67AA	

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA	
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Docking and Port Replicators

Docking Stations

HP Travel USB-C Multi Port Hub	1C1Y5AA
HP USB-C Travel Hub G2	235N8AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to USB-A Hub	Z6A00AA

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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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