



HP Notebook 15s-fq1008nv (7ZL46EA)

Overview



Thin, dependable laptop with an expansive screen

Stay connected to what matters most with long-lasting battery life[1] and thin and portable, micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 39.6 cm (15.6") diagonal laptop features reliable performance and an expansive display - letting you stream, surf and speed through tasks from sun up to sun down.



Take it anywhere. See more.

With its thin and light design, 6.5 mm micro-edge bezel display, with its 81% screen to body ratio[2] – take this PC anywhere and see and do more.



Powered up and productive. All day long.

With a long battery life[1] and fast-charge technology, this laptop lets you work, watch, and stay connected all day. Integrated precision touchpad with multi-touch support speeds up both navigation and productivity.



Reliable performance for every day

Powerful enough for your busiest days, this PC features an Intel® processor[3] and reliable flash-based storage at a great value.

Features



Windows 10 in S Mode

Experience the most secure Windows ever built. With fast boot times, increased responsiveness, and added protection against phishing and malicious software, applications run more smoothly.^[4]



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.^[5]



PCIe SSD storage

Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.^[6]



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.^[7]



DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.



USB 3.1 connector

With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

[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.

[2] Screen is measured by active screen area.

[3] Intel, the Intel Logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

[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>. Windows 10 in S Mode works exclusively with apps from the Microsoft Store within Windows. Certain default settings, features, and apps cannot be changed. Some accessories and apps compatible with Windows 10 may not work (including some antivirus, PDF Writers, driver utilities and accessibility apps) and performance may vary, even if you switch to Windows 10 Home configuration (fee may apply). You can't switch back to Windows 10 in S Mode. Learn more at Windows.com/Windows10SFAQ.

[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. Intel's numbering is not a measurement of higher performance. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

[6] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

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

Specifications

Operating system	Windows 10 Home in S mode ^[38] <i>(This PC comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. The Windows 11 upgrade will be delivered late 2021 into 2022. Timing varies by device. Certain features require specific hardware. See aka.ms/windows11-spec)</i>
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 cache, 4 cores) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	12 GB DDR4-2666 SDRAM (1 x 4 GB, 1 x 8 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)	Intel® UHD Graphics
Display	39.6 cm (15.6") diagonal FHD SVA anti-glare micro-edge WLED-backlit (1920 x 1080)
Display size (diagonal)	39.6 cm (15.6")
Audio	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 island-style ash silver keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Webcam	HP TrueVision HD Camera with integrated dual array digital microphone
Ports	1 USB 3.1 Gen 1 Type-C™ (Data Transfer Only, 5 Gb/s signaling rate); 2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo
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	2.21 kg
Wireless	Realtek RTL8821CE 802.11b/g/n/ac (1x1) and Bluetooth® 4.2 Combo
Power supply type	45 W AC power adapter
Battery type	3-cell, 41 Wh Li-ion

Battery life	Up to 10 hours and 15 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
Energy star certified	ENERGY STAR® certified
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft Office 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	194441046144
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 8 hours and 30 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Camera brand	HP Wide Vision
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Natural silver
Color gamut	45% NTSC
Datasheet photo 1	Publication photos/Langkawi_15_Natural_Silver_Ash_Silver_HD_No_ODD_FPR_W10_main.jpg
Datasheet photo 2	Publication photos/Langkawi_15_Natural_Silver_Ash_Silver_HD_No_ODD_FPR_W10_secondary1.jpg
Datasheet photo 3	Publication photos/Langkawi_15_Natural_Silver_Ash_Silver_HD_No_ODD_FPR_W10_secondary2.jpg
Datasheet photo 4	Publication photos/Langkawi_15_Natural_Silver_Ash_Silver_HD_No_ODD_No_FPR_secondary3.jpg
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display bezel	micro-edge
Display brightness	220
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	non-ECC
Fingerprint reader	Fingerprint reader not available
HP apps	HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Support Assistant
Keyboard backlight	backlit
Keyboard color	ash silver
Keyboard keypad	numeric keypad
Keyboard size	Full-size
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	12 GB memory; 512 GB SSD storage
Memory layout (slots & size)	1 x 4 GB, 1 x 8 GB
Memory module type	DIMM
Memory size	12
Memory size uom	GB
Memory speed	2666
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, metric (most common size)	52

Package height, imperial (most common size)	12
Package height, metric (most common size)	30.5
Package width, imperial (most common size)	2.71
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 cache	8 MB L3
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 threads	8
Product brand name	HP
Product language options	#AB7
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 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
UNSPSC code	43211503
Wireless Model	RTL8821CE
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[1] 25 GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included.

[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.

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

[38] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP 27mq Display	1F2J9AA ★
HP 22f 22-inch Display	2XN58AS
HP 22f Display	2XN58AA
HP 22fw 22-inch Display	3KS60AS
HP 22fw Display	3KS60AA
HP 22m Display	3WL44AA
HP 24f 24-inch Display	2XN60AS
HP 24f Display	2XN60AA
HP 24fh 23.8-inch Display	4HZ37AS
HP 24fh 23.8-inch Display	4HZ38AS
HP 24fh Display	4HZ37AA
HP 24fh Display	5JB78AA
HP 24fw 24-inch Display	3KS62AS
HP 24fw 24-inch Display	5VU10AA
HP 24fw 24-inch Display	6NB66AA
HP 24fw Display	3KS62AA
HP 24fw with Audio 24-inch Display	4TB29AS
HP 24fw with Audio Display	4TB29AA
HP 24m Display	3WL46AA
HP 24mq Display	1F2J8AA
HP 27f 27-inch 4K Display	5ZP65AA
HP 27f 27-inch 4K Display	5ZP65AS
HP 27f 27-inch Display	2XN62AS
HP 27f Display	2XN62AA
HP 27fh Display	4HZ38AA
HP 27fh Display	5JB79AA
HP 27fw 27-inch Display	3KS64AS
HP 27fw 27-inch Display	3MP91AA
HP 27fw 27-inch Display	6NB70AA
HP 27fw Display	3KS64AA

HP 27fw with Audio 27-inch Display	4TB31AS	
HP 27fw with Audio Display	4TB31AA	
HP 27m Display	3WL48AA	
HP 32f Display	6XJ00AA	
HP 32f Display	6XJ00AS	
HP 32s Display	2UD96AA	obsolete
HP 32s Display	2UD96AS	obsolete
HP M22f FHD Monitor	2D9J9AA	
HP M22f FHD Monitor	2D9J9AS	
HP M22f FHD Monitor	2D9J9E9	
HP M24f FHD Monitor	2D9K0AA	
HP M24f FHD Monitor	2D9K0AS	
HP M24f FHD Monitor	2D9K0E9	
HP M24fw FHD Monitor	2D9K1AA	
HP M24fw FHD Monitor	2D9K1AS	
HP M24fw FHD Monitor	2D9K1E9	
HP M24fw FHD Monitor	43B20AA	
HP M24fwa FHD Monitor	34Y22AA	
HP M24fwa FHD Monitor	34Y22AS	
HP M24fwa FHD Monitor	34Y22E9	
HP M27f FHD Monitor	2G3D3AA	
HP M27f FHD Monitor	2G3D3AS	
HP M27f FHD Monitor	2G3D3E9	
HP M27fe FHD Monitor	43G45AA	
HP M27fe FHD Monitor	43G45AS	
HP M27fe FHD Monitor	43G45E9	
HP M27fq QHD Monitor	2H4B5AA	
HP M27fq QHD Monitor	2H4B5AS	
HP M27fq QHD Monitor	2H4B5E9	
HP M27fw FHD Monitor	2H1A4AA	
HP M27fw FHD Monitor	2H1A4AS	
HP M27fw FHD Monitor	2H1A4E9	
HP M27fw FHD Monitor	43B24AA	
HP M27fwa FHD Monitor	356D5AA	
HP M27fwa FHD Monitor	356D5AS	
HP M27fwa FHD Monitor	356D5E9	

HP V28 4K Monitor	8WH58AA
HP V28 4K Monitor	8WH58AS
HP X24c Gaming Monitor	9FM22AA
HP X24c Gaming Monitor	9FM22AS

HP Home LCD Monitors

HP V27i FHD Monitor	9SV94AA ★
HP V24i FHD Monitor	9RV17AA ★
HP U27 4K Wireless Monitor	9TQ13AA
HP U27 4K Wireless Monitor	9TQ13AS
HP U28 4K HDR Monitor	1Z980AA
HP V20 HD+ Monitor	1H850AA
HP V20 HD+ Monitor	1H850AS
HP V22 FHD Monitor	9SV80AA
HP V22 FHD Monitor	9SV80AS
HP V221vb FHD Monitor	453F2AA
HP V22e FHD Monitor	28N41AA
HP V22v FHD Monitor	450M5AA
HP V22v FHD Monitor	450M5AS
HP V24 FHD Monitor	9SV73AA
HP V24 FHD Monitor	9SV73AS
HP V24 FHD Monitor	9WF30AA
HP V24 FHD Monitor	9WF31AA
HP V241ib FHD Monitor	453D6AA
HP V24e FHD Monitor	28N17AA
HP V24i FHD Monitor	9RV17AS
HP V27e FHD Monitor	28N20AA
HP V27i FHD Monitor	1K3W7AA
HP V27i FHD Monitor	9SV94AS
HP X24ih Gaming Monitor	2W925AA
HP X27 FHD Gaming Monitor	2V6B4AA
HP X27 FHD Gaming Monitor	2V6B4AS
HP X27 FHD Gaming Monitor	2V6B4E9
HP X27c FHD Gaming Monitor	32G13AA
HP X27c FHD Gaming Monitor	32G13AS
HP X27c FHD Gaming Monitor	32G13E9

HP X27q QHD Gaming Monitor	2V7U5AA
HP X27q QHD Gaming Monitor	2V7U5AS
HP X27q QHD Gaming Monitor	2V7U5E9
HP X27qc QHD Gaming Monitor	32H02AA
HP X27qc QHD Gaming Monitor	32H02AS
HP X27qc QHD Gaming Monitor	32H02E9
HP X32 QHD Gaming Monitor	2V7V4AA
HP X32 QHD Gaming Monitor	2V7V4AS
HP X32 QHD Gaming Monitor	2V7V4E9
HP X32c FHD Gaming Monitor	33K31AA
HP X32c FHD Gaming Monitor	33K31AS
HP X32c FHD Gaming Monitor	33K31E9
HP X34 WQHD Gaming Monitor	2V7W6AA
HP X34 WQHD Gaming Monitor	2V7W6AS
HP X34 WQHD Gaming Monitor	2V7W6E9

OMEN by HP Displays

OMEN 25i Gaming FHD Monitor	22J05AA
OMEN 25i Gaming FHD Monitor	22J05AS
OMEN 25i Gaming FHD Monitor	22J05E9
OMEN 27i Monitor	8AC94AS
OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA
OMEN X 27 240Hz Gaming Monitor	6FN07AS
OMEN X 27 HDR QHD 240Hz Gaming Monitor	6FN07AA

Keyboards/Mice and Input Devices

★ : Recommended

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	4CE99AA ★
HP Pavilion Keyboard and Mouse 200	9DF28AA ★
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP 230 Wireless Mouse and Keyboard Combo	3L1F0AA
HP 330 Wireless Mouse and Keyboard Combination	2V9E6AA
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 220 Wireless Mouse	258A1AA ★
HP Wireless Mouse 220	3FV66AA ★
HP Wireless Mouse 200	X6W31AA ★
HP 150 Wired Mouse	240J6AA
HP 150 Wireless Mouse	2S9L1AA
HP 220 Silent Wireless Mouse	391R4AA
HP 280 Silent Wireless Mouse	19U64AA
HP 930 Creator Wireless Mouse	1D0K9AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP Dual Mode Black Mouse 300	6CR71AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
HP Wired Mouse 100	6VY96AA
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA
HP Wireless Mouse 220 (Snow White)	7KX12AA
HP Wireless Mouse 220 (Sunset Red)	7KX10AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP X220 Backlit Gaming Mouse	8DX48AA

HP X500 Wired Mouse	E5E76AA
HP Z3700 Black Wireless Mouse	26V63AA
HP Z3700 Black Wireless Mouse	VOL79AA
HP Z3700 Blue Wireless Mouse	VOL81AA
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	VOL82AA
HP Z3700 Silver Wireless Mouse	X7Q44AA
HP Z3700 White Wireless Mouse	VOL80AA
OMEN Vector Essential Mouse	8BC52AA
OMEN Vector Mouse	8BC53AA
OMEN Vector Wireless Mouse	2B349AA

Keyboards

HP 230 Wireless Keyboard	3L1E7AA
HP Dual Mode Keyboard 1000	18J71AA
HP Pavilion Wired Keyboard 300	4CE96AA
HP Pavilion Wireless Keyboard 600 Black	4CE98AA
HP Pavilion Wireless Keyboard 600 White	4CF02AA

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 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
HP Pavilion Gaming Headset 600	4BX33AA
HP Stereo 3.5mm Headset G2	428H6AA
HP Stereo 3.5mm Headset G2	428K7AA

HP Stereo USB Headset G2	428H5AA
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HP X1000 Wireless Gaming Headset	7HC43AA
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OMEN Blast Headset	1A858AA
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OMEN by HP Mindframe Prime Headset	6MF35AA
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OMEN by HP Mindframe Prime Headset	6MF36AA
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Headphones

OMEN Dyad Earbuds	8JE67AA
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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 Travel USB-C Multi Port Hub	1C1Y5AA
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HP USB-C Travel Hub G2	235N8AA
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PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA
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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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