



HP Laptop 15-db1019nv 7GS21EA (7GS21EA)



Overview

Quality performance and a long-lasting battery to tackle every day tasks

Designed for long-lasting performance, this stylishly designed HP 39.6 cm (15.6") laptop has a long-lasting battery that keeps you connected, entertained, and productive all day. Speed through tasks, or sit back and socialize – with a powerful AMD processor[3] and a rich HD[1] or FHD[2] display. Do it all, all day.



Responsive and reliable performance

A laptop with the power to surf, stream,[4] and do so much more with an AMD processor[3] and graphics options. Plus extensive quality testing ensures that you can keep going...and going.



Stay connected and entertained

Stay connected and entertained with a long-lasting HP Fast charge battery and visually rich display. Plus, easily store and enjoy your favorite music, movies, and photos with ample storage.



Sleek. Stylish. Powerful.

A sleek and stylish design makes this eye-catching laptop easy to take anywhere. With its beautiful brushed keyboard and color-matched hinge, the smartly designed HP 39.6 cm (15.6") laptop looks as good as it performs.

Features



Windows 10

Do great things confidently with the familiar feel of Windows - only better.^[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.^[7]

AMD Radeon™ Vega graphics

Thrill your visual senses with the latest AMD graphics compute engines for fast, powerful, and fluid graphics. Combine with the latest multimedia for incredible performance.



AMD Ryzen™ 5 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.^[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.^[8]



DDR4 RAM options

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.

[1] High-definition (HD) content required to view HD images.

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

[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.

[4] Internet service required and not included.

[5] 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>.

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

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

Specifications

Operating system	Windows 10 Home 64 ^[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	Snow white
Processor family	AMD Ryzen™ 5 processor
Processor	AMD Ryzen™ 5 3500U with Radeon™ Vega 8 Graphics (2.1 GHz base clock, up to 3.7 GHz max boost clock, 6 MB cache, 4 cores) ^[6,7]
Chipset	AMD Integrated SoC
Memory	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Product design	Mesh knit pattern with texture finish
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Vega 8 Graphics
Display	39.6 cm (15.6") diagonal FHD SVA anti-glare WLED-backlit (1920 x 1080)
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio	Dual speakers
Minimum dimensions (W x D x H)	37.6 x 24.6 x 2.25 cm <i>(Dimensions vary by configuration)</i>
Weight	Starting at 1.8 kg <i>(Weight varies by configuration)</i>
Weight	Starting at 3.96 lb
Keyboard	Full-size island-style snow white keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support
Webcam	HP TrueVision HD Camera with integrated digital microphone
Ports	2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 USB 2.0 Type-A (Data Transfer Only); 1 RJ-45; 1 AC smart pin; 1 HDMI; 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	3.07 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek RTL8821CE 802.11 b/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 8 hours and 45 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
Security management	Kensington Mini Security slot™
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft Office 365 customers ^[24]

Cloud service	Dropbox ^[1]
UPC number	193905393893
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 7 hours and 15 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Camera brand	HP True Vision
Camera microphone	integrated digital microphone
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color	Snow white
Color gamut	45% NTSC
Datasheet photo 1	Publication photos/HarryPotterWeasley_15_FF_SnowWhite_NT_T_HDcam_ODD_nonFPR_Win10_CoreSet_FrontOpen_Main.jpg
Datasheet photo 2	Publication photos/HarryPotterWeasley_15_FF_SnowWhite_NT_T_HDcam_ODD_nonFPR_Win10_CoreSet_FrontRight_Secondary1.jpg
Datasheet photo 3	Publication photos/HarryPotterWeasley_15_FF_SnowWhite_NT_T_HDcam_ODD_nonFPR_Win10_CoreSet_FrontLeft_Secondary2.jpg
Datasheet photo 4	Publication photos/HarryPotterWeasley_15_DF_SnowWhite_ODD_nonFPR_CoreSet_RearLeft_Secondary3.jpg
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
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 JumpStart; HP Support Assistant
Keyboard color	snow white
Keyboard keypad	numeric keypad
Keyboard size	Full-size
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)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	1
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
base
frequency

2.1

Processor
base
frequency
uom

GHz

Processor
cache

4 MB L3

Processor
core

4

Processor family	Ryzen™ 5
Processor maximum frequency	3.7
Processor maximum frequency uom	GHz
Processor model	3500U
Processor threads	8
Product brand name	HP
Product language options	#AB7
Product long name specifications	HP Laptop 15-db1019nv 7GS21EA, 15.6", Windows 10 Home 64 – free upgrade to Windows 11 when available, AMD Ryzen™ 5, 8GB RAM, 512GB SSD, FHD, Snow white
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 2	Publication logos/HP_Fast_Charge_icon.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.

[3] Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com 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] Multicore 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.

[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 Display	2XN58AA	
HP 22fw Display	3KS60AA	
HP 22m Display	3WL44AA	
HP 24f Display	2XN60AA	
HP 24fh Display	4HZ37AA	
HP 24fh Display	5JB78AA	
HP 24fw 24-inch Display	5VU10AA	
HP 24fw 24-inch Display	6NB66AA	
HP 24fw Display	3KS62AA	
HP 24fw with Audio Display	4TB29AA	
HP 24m Display	3WL46AA	
HP 24mq Display	1F2J8AA	
HP 27f 27-inch 4K Display	5ZP65AA	
HP 27f Display	2XN62AA	
HP 27fh Display	4HZ38AA	
HP 27fh Display	5JB79AA	
HP 27fw 27-inch Display	3MP91AA	
HP 27fw 27-inch Display	6NB70AA	
HP 27fw Display	3KS64AA	
HP 27fw with Audio Display	4TB31AA	
HP 27m Display	3WL48AA	
HP 32f Display	6XJ00AA	
HP 32s Display	2UD96AA	obsolete
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 V22e FHD Monitor	28N41AA
HP V24 FHD Monitor	9SV73AA
HP V24 FHD Monitor	9WF30AA
HP V24 FHD Monitor	9WF31AA
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

OMEN by HP Displays

OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA
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 Wired Keyboard and Mouse 160	6HD76AA ★
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
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 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 Dual Mode Mouse	6CR72AA	future
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 (Luxe Cooper)	3NZ70AA	
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA	
HP Wired Mouse 100	6VY96AA	
HP Wired Mouse 1000	4QM14AA	obsolete
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 (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	7UH88AA	

HP Wireless Mouse Z3700 - White/Pink	4VY82AA
HP Wireless Mouse Z4000	H5N61AA
HP X220 Backlit Gaming Mouse	8DX48AA
HP X4500 Wireless (Black) Mouse	H2W16AA
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 Reactor Mouse	2VP02AA

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

Cases and Covers

Backpacks

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") Black Odyssey Backpack	L8J88AA
HP 39.62 cm (15.6") Gray Odyssey Backpack	L8J89AA
HP 39.62 cm(15.6") Classic Backpack	1FK05AA
HP Commuter Backpack (Black)	5EE91AA

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 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
OMEN Transceptor 15 Backpack	7MT84AA
OMEN Transceptor 15 Rolltop Backpack	7MT83AA
OMEN by HP Gaming Backpack	4YJ80AA

Cases

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") Classic Briefcase	1FK07AA
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
OMEN Transceptor 17 Duffel Bag	7MT82AA

Covers

HP 15.6 Sleeve	14V33AA
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA
HP ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA
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

Audio/Multimedia and Communication Devices

Speakers

HP Black Bluetooth Speaker 350	2D802AA
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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
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 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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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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