



HP Laptop 15s-fq3002nu (46S50EA)



Overview

Do more from anywhere. All-day long.

Stay connected to what matters most with long-lasting battery life and a thin and portable, micro-edge bezel design. Built to keep you productive and entertained from anywhere, the HP 15.6 inch Laptop PC features reliable performance and an expansive display - letting you stream, surf and speed through tasks.



Take it anywhere. See more.

See more of your screen on the 6.5 mm micro-edge bezel display. A thin and light design makes it easy to take this PC anywhere.



Powered up and productive. All day long.

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 for every day

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

Features



Get outstanding performance for work and play

With an Intel® Pentium® processor in your laptop, you can effortlessly multitask with multi-screen capabilities, communicate easily with friends and family, and take all your favorite entertainment to go. It's all the performance and quality you expect from an Intel® Pentium® processor. And with great options for screen size, budget, and style, you can choose the laptop that suits you perfectly.^[1]



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.^[3]



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.^[2]



PCIe SSD storage

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



MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

[1] © Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.

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

[3] 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	FreeDOS
Product color	Natural silver cover and base
Processor family	Intel® Pentium® Silver processor
Processor	Intel® Pentium® Silver N6000 (up to 3.3 GHz burst frequency, 4 MB L3 cache, 4 cores) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	8 GB DDR4-2933 MHz RAM (1 x 8 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)	Intel® UHD Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
Display	15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC
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 <i>(Dimensions vary by configuration)</i>
Minimum dimensions (W x D x H)	14.11 x 9.53 x 0.71 in
Weight	1.65 kg <i>(Weight varies by configuration)</i>
Weight	3.64 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 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 52 x 30.5 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 lifeUp to 7 hours and 30 minutes^[3]**Battery recharge time**Supports battery fast charge: approximately 50% in 45 minutes^[5]**Battery weight**

0.46 lb

Battery weight

210 g

UPC number

196068118310

Additional specifications

Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 11 hours and 15 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	250 nits
Color	Natural silver
Color gamut	45% NTSC
Display	15.6" diagonal FHD display
Display	39.6 cm (15.6") diagonal FHD display
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
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
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	2933
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, metric (most common size)	52
Package dimensions (W x D x H)	2.71 x 20.47 x 12 in
Package height, imperial (most common size)	12
Package height, metric (most common size)	30.5
Package weight	4.87 lb
Package width, imperial (most common size)	2.71
Package width, metric (most common size)	6.9
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	Intel®
Processor cache	4 MB L3
Processor core	4
Processor family	Pentium® Silver
Processor maximum frequency	3.3
Processor maximum frequency uom	GHz
Processor model	N6000
Processor threads	8
Product brand name	HP
Storage capacity 01	256
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
Touchscreen	No
Wireless Model	RTL8821CE-M

Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[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. 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.

Accessories

Cases and Covers

★ : Recommended

Backpacks

HP 15.6 in Value Backpack	KOB39AA ★	
HP 15.6 in Value Topload Case	KOB38AA ★	
HP 15.6 Classic Backpack	1FK05AA	
HP 15.6 Duotone Backpack	4QF96AA	
HP 15.6 Duotone Backpack	4QF97AA	
HP 15.6 Signature II Backpack	3K006AA	
HP 15.6 in Black Odyssey Backpack	L8J88AA	
HP 15.6 in Green/Gray Odyssey Backpack	L8J89AA	
HP 15.6 in Value Backpack	4WH53AA	
HP 17.3 in OMEN Gaming Backpack	K5Q03AA	
HP Active Backpack	1LU22AA	
HP Active Backpack	1LU23AA	
HP Commuter Backpack	5EE91AA	
HP Commuter Backpack	5EE92AA	
HP ENVY Urban 14 Sleeve	3KJ71AA	
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 Lightweight 15.6 Blue/Gray Backpack	18H48AA	
HP Lightweight 15.6 Laptop Backpack	1G6D3AA	
HP Pavilion Gaming Backpack 300	6EU56AA	
HP Pavilion Gaming Backpack 400	6EU57AA	obsolete
HP Pavilion Gaming Backpack 500	6EU58AA	
HP Pavilion Tech Backpack	5EE99AA	
HP Prelude 15.6-inch Backpack	2Z8P3AA	
HP Prelude Backpack 15.6	1E7D6AA	
HP Renew Backpack	1A211AA	
HP Renew 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

Covers

HP 15 Reversible Protective Sleeve	6UY96AA
HP 15 Reversible Protective Sleeve	7KX13AA
HP 15 Reversible Protective Sleeve	7KX15AA
HP 15 Reversible Protective Sleeve	7KX16AA
HP 15.6 Black/Red Neoprene Sleeve	V5C30AA
HP 15.6 Neoprene Sleeve	V5C31AA
HP 15.6 Sleeve	14V33AA
HP Carry Sleeve 15	1PD64AA
HP Carry Sleeve 15	3XD35AA
HP Carry Sleeve 15	3XD36AA
HP Carry Sleeve 15	9GF67AA
HP Envy Urban 15.6 Sleeve	3KJ70AA
HP Envy Urban 15.6 Sleeve	7XG60AA
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA
HP Reversible Neoprene Sleeve	2TX17AA
HP Reversible Neoprene Sleeve	2UF60AA
HP Reversible Neoprene Sleeve	2UF62AA
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

Cases

HP 15.6 Duotone Briefcase	4QF94AA
HP 15.6 Duotone Briefcase	4QF95AA
HP 15.6 SMB Backpack Case	T0F84AA
HP 15.6 SMB Topload Case	T0F83AA
HP 15.6 Signature Slim Topload Case	L6V68AA

HP 15.6 Value Black Topload	T9B50AA
HP 17.3 Signature Slim Topload Case	TOE19AA
HP 17.3 Value Topload Case	TOE18AA
HP 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 Topload	1A213AA
HP Renew Topload	1A218AA
HP Renew Travel 15.6-inch Laptop Bag	2Z8A4AA
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 Wired Keyboard and Mouse 160	6HD76AA ★
HP 150 Wired Mouse and Keyboard	240J7AA
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
HP 330 Wireless Mouse and Keyboard Combination	2V9E6AA
HP C2500 Desktop	J8F15AA
HP C2710 Combo Keyboard	M7P30AA
HP C6020 Wireless Desktop	P1F56AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wireless Keyboard and Mouse 250	6JU16AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Mice

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	1DOK9AA
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 Elite Presenter Mouse	3YF38AA
HP Pavilion Gaming Mouse 200	5JS07AA
HP Pavilion Gaming Mouse 300	4PH30AA
HP Pavilion Gaming Mouse 300	4PH31AA
HP Spectre Rechargeable Mouse 700	3NZ70AA
HP Spectre Rechargeable Mouse 700	3NZ71AA
HP Spectre Rechargeable Mouse 700	4YH34AA
HP Wired Mouse 100	6VY96AA
HP Wired Mouse 1000	4QM14AA
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 220	258A1AA
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 250	3FV67AA
HP Wireless Mouse X200	6VY95AA
HP Wireless Mouse Z3700	4VY82AA
HP Wireless Mouse Z3700	7UH87AA
HP Wireless Mouse Z3700	7UH88AA
HP Wireless Mouse Z4000	H5N61AA
HP Wireless Silent 280M Mouse	19U64AA
HP X1000 Mouse	H2C21AA
HP X1500 Mouse	H4K66AA

HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 G2 Wireless Mouse	28Y30AA	
HP X3000 G2 Wireless Mouse	2C3M3AA	
HP X3000 Wireless Mouse	H2C22AA	obsolete
HP X4500 Wireless (Black) Mouse	H2W16AA	
HP X500 Wired Mouse	E5C12AA	
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 Camo Wireless Mouse	171D7AA	
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 Vector Wireless Mouse	2B349AA	
OMEN by HP Mouse 600	1KF75AA	obsolete
OMEN by HP Photon Wireless Mouse	6CL96AA	
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	4CE98AA	
HP Pavilion Wireless Keyboard 600	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

Batteries/Chargers/Adapters

AC Adapters

HP Travel Power Adapter 65W	X7W51AA ★
HP 65W 4.5mm Non-EM AC Adapter	Y5Y43AA
HP 65W Slim with USB AC Adapter	G6H47AA
HP Travel Power Adapter 65W	1MY05AA

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 Blue Bluetooth Speaker 360	2D800AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA
HP Silver Bluetooth Speaker 360	2D801AA

Headsets

HP Bluetooth Headset 400	2ZW81AA
HP Bluetooth Headset 500	2J875AA
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 Headset 150	2AP91AA
HP Pavilion Gaming Headset 400	4BX31AA
HP Pavilion Gaming Headset 600	4BX33AA
HP Stereo Headset H2800	2AP94AA
HP Stereo Headset H2800	2AP95AA
HP X1000 Wireless Gaming Headset	7HC43AA
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

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 RJ45 Adapter	V7W66UT
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT
HP USB-C to USB-A Hub	Z8W90AA

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