



HP Laptop 17-by2212ng (20S34EA)

Overview

Beautifully designed to do it all

Designed for long-lasting performance, this stylishly designed HP 43.9 cm (17.3") laptop has a long-lasting battery that keeps you connected, entertained, and productive all day. Speed through tasks, or sit back and socialize – with an Intel® processor[1] and a rich display. Do it all, all day.



Responsive and reliable performance

A laptop with the power to surf, stream,[2] and do so much more with an Intel® processor[1]. 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 43.9 cm (17.3") 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

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



HD+ display

Enjoy your photos, movies, and games with crisp quality. The 1600 x 900 resolution delivers 1.4 million pixels, 50% more than normal HD, for boosted definition.^[8]



Dual-core Intel® Pentium® Gold processor

The perfect combination of performance, power consumption, and value helps your device run smoothly and reliably with two processing cores to handle all your tasks.^[6]



Battery life for long days

Extend your day into the night with up to 11 hours and 30 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.^[7]



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.

[1] 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.

[2] 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. Intel's numbering, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display

[7] 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.

[8] High-definition+ (HD+) content is required to view HD+ images.

Specifications

Operating system	Windows 10 Home 64
Product color	Jet black
Processor family	Intel® Pentium® Gold processor
Processor	Intel® Pentium® Gold 6405U (2.4 GHz base frequency, 2 MB L3 cache, 2 cores) ^[6]
Chipset	Intel® Integrated SoC
Memory	8 GB DDR4-2400 SDRAM (1 x 8 GB)
Internal Storage	256 GB PCIe® NVMe™ M.2 SSD
Product design	Mesh knit pattern with texture finish
Optical drive	DVD-Writer
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	43.9 cm (17.3") diagonal, HD+ (1600 x 900), anti-glare, 220 nits, 60% NTSC
Display size (diagonal)	43.9 cm (17.3")
Audio features	Dual speakers
Minimum dimensions (W x D x H)	41.48 x 27.22 x 2.45 cm (Dimensions vary by configuration)
Weight	2.34 kg (Weight varies by configuration)
Keyboard	Full-size, jet black keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support; Precision Touchpad Support
Webcam	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 AC smart pin; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 RJ-45
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 34.5 x 59.8 cm
Package weight	3.24 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	802.11b/g/n (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 11 hours and 30 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]

Battery weight	210 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Security management	Kensington Mini Security slot™
Pre-installed software	Alexa; Netflix
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	195122680688
Warranty	1 year limited parts, labour, and pickup and return service
Limited warranty coverage and exceptions	You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	41
Battery capacity uom	Wh
Battery cells number	3
Battery life video playback	Up to 9 hours and 30 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Color gamut	60% NTSC
Datasheet photo 1	AHID/61d44253c89ce1fd9bcebf199c84e5f4467cc18f
Datasheet photo 2	AHID/6bf6f2a8665f1a1b0749d5dd236cd0a63caac561
Datasheet photo 3	AHID/55c2ab6c1a43dd7de8b40a750f81aaf136e6cf86
Datasheet photo 4	AHID/3ac77e54648cdb5b6da20a51b09665d8a7cf74f4
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display brightness	220
Display brightness uom	nits
Display resolution (pixels)	1600 x 900
Display resolution standard	HD+
Display size (diagonal) uom	"
Display size (diagonal, imperial)	17.3
Display size (diagonal, metric)	43.9
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	No
EP truck pallet height (cm) 1	152
EP truck pallet height (cm) 2	152
EP truck pallet height (cm) 3	152
Ep truck layer quantity 1	23
Ep truck layer quantity 2	24
Ep truck layer quantity 3	20
Ep truck pallet gross weight (kg) 1	299
Ep truck pallet gross weight (kg) 3	260
Ep truck pallet height (mm) 1	1520

Ep truck pallet height (mm) 2	1520
Ep truck pallet height (mm) 3	1520
Ep truck pallet layer quantity 1	4
Ep truck pallet layer quantity 2	4
Ep truck pallet layer quantity 3	4
Ep truck pallet length (cm) 1	120
Ep truck pallet length (cm) 2	120
Ep truck pallet length (cm) 3	120
Ep truck pallet length (mm) 1	1200
Ep truck pallet length (mm) 3	1200
Ep truck pallet width (cm) 1	80
Ep truck pallet width (cm) 2	80
Ep truck pallet width (cm) 3	80
Ep truck pallet width (mm) 1	800
Ep truck pallet width (mm) 2	800
Ep truck pallet width (mm) 3	800
Ep truck qpp nbr total of prdt unit per pallet 1	92
Ep truck qpp nbr total of prdt unit per pallet 2	96
Ep truck qpp nbr total of prdt unit per pallet 3	80
Fingerprint reader	Fingerprint reader not available
HP apps	HP 3D DriveGuard; HP Audio Switch; HP JumpStart; HP Support Assistant
IP truck pallet layer quantity 1	6
IP truck pallet layer quantity 2	6
IP truck pallet layer quantity 3	6
lp truck pallet gross weight (kg) 1	565.5
lp truck pallet gross weight (kg) 3	507
lp truck pallet height (cm) 1	220.5
lp truck pallet height (cm) 2	220.5
lp truck pallet height (cm) 3	220.5
lp truck pallet height (mm) 1	2,205
lp truck pallet height (mm) 2	2,205
lp truck pallet height (mm) 3	2,205
lp truck pallet length (cm) 1	120
lp truck pallet length (cm) 2	120

lp truck pallet length (cm) 3	120
lp truck pallet length (mm) 1	1,200
lp truck pallet length (mm) 2	1,200
lp truck pallet length (mm) 3	1,200
lp truck pallet width (cm) 1	100
lp truck pallet width (cm) 2	100
lp truck pallet width (cm) 3	100
lp truck pallet width (mm) 1	1,000
lp truck pallet width (mm) 2	1,000
lp truck pallet width (mm) 3	1,000
lp truck qpp nbr total of pu per pallet 1	174
lp truck qpp nbr total of pu per pallet 2	174
lp truck qpp nbr total of pu per pallet 3	156
lp truck_layer quantity 1	29
lp truck_layer quantity 2	29
lp truck_layer quantity 3	26
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	2400
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Number of memory slots	1
Package depth, imperial (extended size)	23.54
Package depth, imperial (most common size)	21.73
Package depth, imperial (smallest possible size)	20.47
Package depth, metric (extended size)	59.8

Package depth, metric (most common size)	55.2
Package depth, metric (smallest possible size)	52
Package height, imperial (extended size)	13.58
Package height, imperial (most common size)	13.58
Package height, imperial (smallest possible size)	13.58
Package height, metric (extended size)	13.58
Package height, metric (most common size)	34.5
Package height, metric (smallest possible size)	34.5
Package width, imperial (extended size)	23.54
Package width, imperial (most common size)	2.1
Package width, imperial (smallest possible size)	2.71
Package width, metric (extended size)	2.71
Package width, metric (most common size)	6.9
Package width, metric (smallest possible size)	6.9
Packaging type 1	ALC
Packaging type 2	ALC Minus
Packaging type 3	EAB
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	Intel®
Processor base frequency	2.4
Processor base frequency uom	GHz
Processor cache	2 MB L3
Processor core	2
Processor family	Pentium® Gold
Processor model	6405U

Processor speed	2.4 GHz
Processor threads	4
Product brand name	HP
Product language options	#ABD
Service description	3-year pickup and return
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
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 antenna	1x1
Wireless standard	802.11b/g/n

[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 14 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.

[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.

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

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 C2710 Combo Keyboard	M7P30AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Combo C2500	H3C53AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Mice

HP Wireless Mouse 220	3FV66AA ★
HP Wireless Mouse 200	X6W31AA ★
HP Wired Mouse 1000	4QM14AA ★
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 (Bordeaux Burgundy)	5VD59AA
HP Spectre Rechargeable Mouse 700 (Luxe Cooper)	3NZ70AA
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	3NZ71AA
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	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	obsolete
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X1500 Mouse	H4K66AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	obsolete
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 Mouse 400	3ML38AA	obsolete
OMEN by HP Mouse 600	1KF75AA	obsolete
OMEN by HP Reactor Mouse	2VP02AA	
OMEN by HP Reactor Mouse	7ZF19AA	obsolete

Keyboards

HP K1500 Keyboard	H3C52AA	
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 Keyboard 1100	1MY13AA	obsolete
OMEN by HP Sequencer Keyboard	2VN99AA	

Cases and Covers

Backpacks

HP 17.3 in OMEN Gaming Backpack	K5Q03AA
HP Pavilion Gaming Backpack 500	6EU58AA
OMEN by HP Gaming Backpack	4YJ80AA

Covers

HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA
OMEN Transceptor 17 Sleeve	3J045AA

Cases

HP 43.94 cm (17.3") Signature Slim Topload Case	T0E19AA
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Audio/Multimedia and Communication Devices

Headsets

HP Bluetooth Headset 500	2J875AA
HP Earbuds Black Headset 150	X7B04AA
HP In-Ear Headset 150 (Marine Blue)	2AP91AA
HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA
HP X1000 Wireless Gaming Headset	7HC42AA
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

Speakers

HP Gaming Speakers X1000

8PB07AA

Headphones

OMEN Dyad Earbuds

8JE67AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter

X1B84AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive

F6V97AA

Monitors

HP Home Monitors

★ : Recommended

HP Value Displays

HP 22f Display	2XN58AA	
HP 22fw Display	3KS60AA	
HP 22m Display	3WL44AA	
HP 22w Display	1CA83AA	obsolete
HP 22x Gaming Display	6ML40AA	
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 24w Display	1CA86AA	obsolete
HP 24x Gaming Display	5ZU98AA	
HP 25mx Display	4JF31AA	
HP 25x Display	3WL50AA	
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 27mx Display	4KK74AA	
HP 27q Display	3FV90AA	
HP 27w Display	1JJ98AA	obsolete
HP 27x Curved Gaming Display	7MW42AA	

HP 27xq Display	3WL54AA
HP 32 Display	2FW77AA
HP 32s Display	2UD96AA
HP 34f Curved Display	6JM50AA

Pavilion Displays

HP Pavilion 27 Quantum Dot Display	5DQ99AA
HP Pavilion 32 QHD Display	4WH45AA

OMEN by HP Displays

OMEN X 25f 240Hz Gaming Display with Adaptive Sync	4WH47AA
OMEN X 27 HDR QHD 240Hz Gaming Monitor	6FN07AA
OMEN by HP 25 Display	Z7Y57AA

Application Software

★ : Recommended

Desktop Application Software

MS Office Home and Student 2019 for PC 6MW81AA	6MW81AA	
Microsoft Office 2016 Home and Business Software	X7Q47AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	obsolete
Microsoft Office 365 Business Premium 6MW80AA	6MW80AA	
Microsoft Office 365 Home	6MW78AA	
Microsoft Office 365 Personal	6MW79AA	
Microsoft Office Home and Business 2019 for PC	6MW82AA	

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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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