HP Laptop - 17-ca2132ng (21N82EA)

Overview

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

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 AMD processor 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 AMD 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

AMD Ryzen™ 3 3250U Mobile Processor

AMD Ryzen™ Mobile Processors with Radeon™ Graphics power breakthrough entertainment experiences with fast multitasking responsiveness, stunning visuals, and long-lasting battery life.[5]

AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.

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.[6]

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.

PCIe SSD storage

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

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.[7]

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[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.

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

[7] 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	Jet black
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 3250U (2.6 GHz base clock, up to 3.5 GHz max boost clock, 4 MB L3 cache, 2 cores)[6,7]
Chipset	AMD 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)	AMD Radeon™ 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	Starting at 2.38 kg *(Weight varies by configuration)*
Keyboard	Full-size, jet black keyboard with numeric keypad
Pointing device	Touchpad with multi-touch gesture support
Webcam	Camera with integrated digital microphone
Ports	2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 USB 2.0 Type-A; 1 HDMI 1.4b; 1 RJ-45; 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 34.5 cm
Package weight	3.1 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Realtek RTL8821CE 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 5 hours and 30 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]

Battery weight	210 g
Security management	Kensington Mini Security lock slot
UPC number	195122724412
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 6 hours and 45 minutes
Battery type	Li-ion
Bluetooth version	Bluetooth® 4.2
Brightness	220 nits
Color gamut	60% NTSC
Datasheet photo 1	AHID/360f254ad5b928afad85a1ce08dd09c2b425b177
Datasheet photo 2	AHID/df37d3c1fed6091b048fc1175b5029fec9437898
Datasheet photo 3	AHID/70de3405dfc5e69c638077fc46e7147f85d154d4
Datasheet photo 4	AHID/3ac77e54648cdb5b6da20a51b09665d8a7cf74f4
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
ECC memory	No
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 unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	AMD
Processor base frequency	2.6
Processor base frequency uom	GHz
Processor cache	4 MB L3
Processor core	2
Processor family	Ryzen™ 3
Processor maximum frequency	3.5
Processor maximum frequency uom	GHz
Processor model	3250U
Processor speed	2.6 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 2	Publication logos/HP_Fast_Charge_icon.jpg
Touchscreen	No
Wireless Model	RTL8821CE
Wireless antenna	1x1
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

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[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.

Accessories

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 Combo C2500	**H3C53AA ★**
HP C2710 Combo Keyboard	M7P30AA
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 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	4YH33AA
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	3FV66AA
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	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	
HP Z3700 Black Wireless Mouse	V0L79AA	
HP Z3700 Blue Wireless Mouse	V0L81AA	
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 by HP Mouse 400	3ML38AA	
OMEN by HP Mouse 600	1KF75AA	
OMEN by HP Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	
OMEN by HP Reactor Mouse	7ZF19AA	

Keyboards

HP K1500 Keyboard	H3C52AA	
HP Pavilion Gaming Keyboard 500	3VN40AA	obsolete
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 by HP Encoder Keyboard	6YW75AA	

OMEN by HP Encoder Keyboard	6YW76AA
OMEN by HP Keyboard 1100	1MY13AA
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 X by HP Transceptor Backpack	3KJ69AA
OMEN by HP Gaming Backpack	4YJ80AA

Cases

HP 43.94 cm (17.3") Value Topload Case	T0E18AA

Audio/Multimedia and Communication Devices

Headsets

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 Stereo Headset H2800 (White w. Pike Silver)	2AP95AA
HP X1000 Wireless Gaming Headset	7HC42AA
HP X1000 Wireless Gaming Headset	7HC43AA
OMEN Frequency Wireless Headset	9FL60AA
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

Speakers

HP Gaming Speakers X1000	8PB07AA

Headphones

OMEN Dyad Earbuds	8JE67AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

Software

Security Management Software

★ : Recommended

Internet Security Management Software

Kaspersky Bundle Internet Security 3 devices	W7C40AA	obsolete
Kaspersky Bundle Internet Security 5 devices	W7C42AA	obsolete
Kaspersky Internet Security 3 devices	W7C39AA	obsolete
Kaspersky Internet Security 5 devices	W7C41AA	obsolete

Application Software

Desktop Application Software

Microsoft Office 2013 Home and Business English	N1R77AA	
Microsoft Office 2013 Home and Business French	N1R78AA	
Microsoft Office 2013 Home and Business German	N1R79AA	
Microsoft Office 2013 Home and Business Italian	N1R80AA	
Microsoft Office 2016 Home and Business Software	W7C38AA	obsolete
Microsoft Office 2016 Home and Business Software	X7Q47AA	
Microsoft Office 2016 Home and Business Software	X7W31AA	obsolete
Microsoft Office 2016 Home and Business Software	YG146AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	
Microsoft Office 365 Home	M7K88AA	
Microsoft Office 365 Home English	N1R69AA	
Microsoft Office 365 Home French	N1R70AA	
Microsoft Office 365 Home German	N1R71AA	
Microsoft Office 365 Home Italian	N1R72AA	
Microsoft Office 365 Personal	M7K89AA	
Microsoft Office 365 Personal English	N1R73AA	
Microsoft Office 365 Personal French	N1R74AA	
Microsoft Office 365 Personal German	N1R75AA	
Microsoft Office 365 Personal Italian	N1R76AA	
Microsoft® Office Home and Business 2016 English	T7T87AA	obsolete
Microsoft® Office Home and Business 2016 French	T7T88AA	obsolete
Microsoft® Office Home and Business 2016 German	T7T86AA	obsolete
Microsoft® Office Home and Business 2016 Italian	T7T89AA	obsolete

Microsoft® Office Home and Student 2016 English	T7T91AA	obsolete
Microsoft® Office Home and Student 2016 French	T7T92AA	obsolete
Microsoft® Office Home and Student 2016 German	T7T90AA	obsolete
Microsoft® Office Home and Student 2016 Italian	T7T93AA	obsolete

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