HP Chromebook x360 12b-ca0011nf (2L9C0EA)

Overview

Portable. Versatile. Apps for days.

You need more because you do more. Meet the versatility of the HP Chromebook 12 that features a 360° hinge that adapts to keep up with your busy lifestyle. With the performance and features you want, this portable PC comes with the best of Chrome and Android so you can go farther with a long battery life.

Big on features, big on portability

Get the features and portability you need to get things done -- featuring an Intel® processor and graphics, a fanless design for a more quiet computing experience, a seamless metal keyboard deck, USI universal stylus support[1] and long battery life.

For work or play, everywhere you want to go

Redefine how you work and play with the seamless integration of your favorite Chrome browser, Google Play Store apps and audio custom-tuned in collaboration with sound experts at B&O.[3]

Adapts to you

With the versatility of a 360° hinge, the beauty of a touch HD+ micro-edge display combined with a 3:2 aspect ratio[2] for a better browsing experience, this convertible Chromebook adapts to your needs.

Features

Chrome

This easy-to-use operating system was designed to be fast in every possible way, while keeping you safe and more secure on the web.

Dual-core Intel® Celeron® 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.[5]

Intel® UHD Graphics 600

Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent Intel® UHD graphics performance, you'll see the difference in everything you do.[6]

HD IPS touchscreen

Reach out and control your PC with just a touch. And with 178° wide-viewing angles and high-definition quality, you'll always get a great view.[7]

Battery life for long days

Extend your day into the night with up to 13 hours and 15 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.[8]

64 GB eMMC storage

An embedded Multimedia Card provides reliable flash-based storage at a great value. And without the moving parts of a traditional hard drive, there's a lower chance of failure and damage.

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[1] Pen support provided but pen sold separately.

[2] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[3] Google Play Store apps sold separately and not included.

[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, 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.

[6] High-definition (HD) content required to view HD images. Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.

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

[8] Testing conducted by HP using Google Chrome OS power_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage. See http://www.chromium.org/chromium-os/testing/power-testing for test details.

Specifications

Operating system	Chrome OS™
Product color	Ceramic white
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® N4020 (1.1 GHz base frequency, up to 2.8 GHz burst frequency, 4 MB L2 cache, 2 cores)[6]
Chipset	Intel® Integrated SoC
Memory	4 GB LPDDR4-2400 SDRAM (onboard)
Internal Storage	64 GB eMMC
Product design	Matte base finish, paint cover and keyboard frame
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 600
Display	30.5 cm (12") diagonal, HD+ (1366 x 912), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 235 nits, 50% NTSC
Display	12" diagonal, HD+ (1366 x 912), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 235 nits, 50% NTSC
Display size (diagonal)	30.5 cm (12")
Display size (diagonal)	12"
Audio features	Audio by B&O; Dual speakers
Minimum dimensions (W x D x H)	27.2 x 21.6 x 1.73 cm *(Dimensions vary by configuration)*
Minimum dimensions (W x D x H)	10.71 x 8.5 x 0.68 in
Weight	1.35 kg *(Weight varies by configuration)*
Weight	2.98 lb
Keyboard	Full-size, ceramic white keyboard
Pointing device	Touchpad with multi-touch gesture support
Input devices	GMR; Accelerometer; Magnetometer
Webcam	HP Wide Vision 720p HD camera with integrated dual array digital microphones
Ports	2 USB 3.1 Gen 1 Type-C™ (5 Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2); 1 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 headphone/microphone combo
Expansion slots	1 microSD media card reader
Package dimensions (W x D x H)	30.5 x 42 x 6.9 cm
Package weight	1.76 kg

Wireless	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power supply type	45 W USB Type-C™ power adapter
Battery type	2-cell, 40.31 Wh Li-ion polymer
Battery life	Up to 13 hours and 15 minutes[3]
Battery weight	5.82 oz
Battery weight	165 g
Special features	Touch display
Security management	H1 Secure Microcontroller; Kensington Nano Security Slot™
Cloud service	100 GB Google One™ (1-year subscription included)[1]
UPC number	195161561825

Additional specifications

Battery capacity	40.31
Battery capacity uom	Wh
Battery cells number	2
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5
Brightness	235 nits
Color gamut	50% NTSC
Display	12" diagonal HD+ touch display
Display	30.5 cm (12") diagonal HD+ touch display
Display bezel	micro-edge
Display brightness	235
Display brightness uom	nits
Display design	edge-to-edge glass
Display resolution (pixels)	1366 x 912
Display resolution standard	HD+
Display size (diagonal) uom	"
Display size (diagonal, imperial)	12
Display size (diagonal, metric)	30.5
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
Display touchscreen type	multitouch-enabled
ECC memory	No
Fingerprint reader	Fingerprint reader not available
Memory and storage	4 GB memory; 64 GB eMMC storage
Memory layout (slots & size)	Onboard
Memory module type	DIMM
Memory size	4
Memory size uom	GB
Memory speed	2400
Memory speed uom	MHz
Memory type	LPDDR4
Number of User-accessible Memory Slots	0

Number of memory slots	1
Package depth, imperial (smallest possible size)	16.53
Package depth, metric (smallest possible size)	42
Package dimensions (W x D x H)	12 x 16.53 x 2.71 in
Package height, imperial (smallest possible size)	12
Package height, metric (smallest possible size)	30.5
Package weight	3.88 lb
Package width, imperial (smallest possible size)	2.71
Package width, metric (smallest possible size)	6.9
Packaging unit of measure (metric)	cm
Processor Brand	Intel®
Processor base frequency	1.1
Processor base frequency uom	GHz
Processor cache	4 MB L2
Processor core	2
Processor family	Celeron®
Processor maximum frequency	2.8
Processor maximum frequency uom	GHz
Processor model	N4020
Processor speed	1.1 GHz
Processor threads	2
Product brand name	HP
Storage capacity 01	64
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
Touchscreen	Yes
Wireless Model	Wireless-AC 9560
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Intel®

Accessories

Cases and Covers

Backpacks

HP 15.6 Duotone Backpack	**4QF96AA ★**	
HP Commuter Backpack	**5EE91AA ★**	
HP 15.6 in Value Backpack	**K0B39AA ★**	
HP 15.6 Duotone Backpack	4QF97AA	
HP 15.6 Odyssey Backpack	5WK92AA	
HP 15.6 Odyssey Backpack	5WK93AA	
HP 15.6 Odyssey Backpack	5WK94AA	
HP 15.6 Odyssey Backpack	7XG61AA	
HP 15.6 Odyssey Backpack	7XG62AA	
HP 15.6 Odyssey Backpack	Y5Y50AA	
HP 15.6 in Black Odyssey Backpack	L8J88AA	
HP 15.6 in Green/Gray Odyssey Backpack	L8J89AA	
HP 15.6 in Value Topload Case	K0B38AA	
HP 17.3 in OMEN Gaming Backpack	K5Q03AA	
HP Active Backpack	1LU22AA	
HP Active Backpack	1LU23AA	
HP Active Backpack	1LU24AA	obsolete
HP Active Backpack	1MR61AA	obsolete
HP Commuter Backpack	5EE92AA	
HP Commuter Backpack	5EE94AA	
HP ENVY Uptown Backpack	5DW97AA	
HP ENVY Urban 15 Backpack	3KJ72AA	
HP Pavilion Gaming Backpack 300	6EU56AA	
HP Pavilion Gaming Backpack 400	6EU57AA	
HP Pavilion Gaming Backpack 500	6EU58AA	
HP Pavilion Rolltop Backpack	5EE87AA	
HP Pavilion Rolltop Backpack	5EE88AA	
HP Pavilion Rolltop Backpack	5EE90AA	
HP Pavilion Tech Backpack	5EE99AA	
HP Pavilion Tech Backpack	5EF00AA	

HP Pavilion Tech Backpack	5EF01AA
HP Pavilion Tech Backpack	5EF02AA
HP Pavilion Wayfarer Backpack	5EE95AA
HP Pavilion Wayfarer Backpack	5EE98AA
HP Spectre Folio Backpack	8GF06AA
OMEN Transceptor 15 Backpack	7MT84AA
OMEN Transceptor 15 Rolltop Backpack	7MT83AA
OMEN X by HP Transceptor Backpack	3KJ69AA
OMEN by HP Gaming Backpack	4YJ80AA

Covers

HP 14 Reversible Protective Sleeve	6UY95AA
HP 14 Reversible Protective Sleeve	7GD78AA
HP 15 Reversible Protective Sleeve	6UY96AA
HP 15 Reversible Protective Sleeve	7KX13AA
HP 15.6 Black/Red Neoprene Sleeve	V5C30AA
HP 15.6 Neoprene Sleeve	V5C31AA
HP Carry Sleeve 15	3XD35AA
HP Carry Sleeve 15	3XD36AA
HP Carry Sleeve 17	3XD37AA
HP Carry Sleeve 17	3XD38AA
HP Envy Urban 15.6 Sleeve	2UF58AA
HP Envy Urban 15.6 Sleeve	3KJ70AA
HP Pavilion 14 Everyday Sleeve	6YW39AA
HP Pavilion 14 Everyday Sleeve	6YW40AA
HP Pavilion 15 Everyday Sleeve	6JY51AA

Cases

HP 15.6 Duotone Briefcase	4QF94AA
HP 15.6 Duotone Briefcase	4QF95AA
HP 17.3 Value Topload Case	T0E18AA
HP ENVY Uptown Convertible Pack	5DW93AA
HP ENVY Uptown Tote	5DW95AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP 45W USB-C AC Adapter	**N8N14AA ★**
HP USB-C to USB-A Hub	**Z8W90AA ★**
HP Spectre USB-C Travel Dock	2SR85AA
HP Spectre USB-C™ Power Pack	2XF31AA
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to Multi-port Hub	1BG94AA
HP USB-C to VGA Display Adapter	P7Z54AA

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	**5LX63AA ★**

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 Wireless Keyboard and Mouse 300	**3ML04AA ★**
HP C2500 Desktop	H3C53AA
HP C2500 Desktop	J8F15AA
HP C2710 Combo Keyboard	M7P30AA
HP Pavilion Wired Keyboard and Mouse 400	4CE97AA
HP Pavilion Wireless Keyboard and Mouse 800	4CF00AA
HP Wired Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 250	6JU16AA

Mice

HP Dual Mode Mouse	**6CR71AA ★**
HP Z3700 Silver Wireless Mouse	**X7Q44AA ★**
HP Bluetooth Travel Mouse	6SP25AA
HP Bluetooth® Mouse 250	6CR73AA
HP Bluetooth® Mouse Z5000	2HW67AA
HP ENVY Rechargeable Mouse 500	2LX92AA

HP ENVY Rechargeable Mouse 500	2WX69AA	
HP Elite Presenter Mouse	3YF38AA	
HP Pavilion Gaming Mouse 200	5JS07AA	
HP Pavilion Gaming Mouse 300	4PH30AA	
HP Pavilion Gaming Mouse 300	4PH31AA	
HP Retractable Wired Mouse 100	6GJ71AA	
HP Spectre Bluetooth Mouse 500	1AM58AA	obsolete
HP Spectre Rechargeable Mouse 700	3NZ70AA	
HP Spectre Rechargeable Mouse 700	3NZ71AA	
HP Spectre Rechargeable Mouse 700	4YH33AA	
HP Spectre Rechargeable Mouse 700	4YH34AA	
HP Spectre Rechargeable Mouse 700	5VD59AA	
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 200	2VY33AA	
HP Wireless Mouse 200	X6W31AA	
HP Wireless Mouse 201	3XA55AA	
HP Wireless Mouse 202	2NE06AA	obsolete
HP Wireless Mouse 220	3FV66AA	
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 220 with Pouch	6JA63AA	
HP Wireless Mouse 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse X3000	2HW69AA	obsolete
HP Wireless Mouse Z3700	4VY81AA	
HP Wireless Mouse Z3700	4VY82AA	
HP Wireless Mouse Z3700	6SD49AA	

HP Wireless Mouse Z3700	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	
HP Wireless Mouse Z3700	7UH87AA	
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z4000	2HW66AA	obsolete
HP Wireless Mouse Z4000	H5N61AA	
HP Wireless Silent 280M Mouse	19U64AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X3000 Wireless Mouse	H2C22AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	
HP Z3200 Black Wireless Mouse	J0E44AA	
HP Z3200 White Wireless Mouse	E5J19AA	
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 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 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 Classic Wired Keyboard	WZ972AA	

HP K1500 Keyboard	H3C52AA	
HP K1500 Keyboard	J8F16AA	
HP K2500 Wireless Keyboard	E5E77AA	
HP Keyboard 100	2UN30AA	
HP Pavilion Gaming Keyboard 500	3VN40AA	
HP Pavilion Gaming Keyboard 550	9LY71AA	
HP Pavilion Gaming Keyboard 800	5JS06AA	
HP Pavilion Wired Keyboard 300	4CE96AA	
HP Pavilion Wireless Keyboard 400	4XL88AA	
HP Pavilion Wireless Keyboard 600	4CE98AA	
HP Pavilion Wireless Keyboard 600	4CF02AA	
HP Spectre Rechargeable Keyboard 1000	2ER92AA	obsolete
OMEN Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Keyboard 1100	1MY13AA	
OMEN by HP Sequencer Keyboard	2VN99AA	

Pointing Devices

HP Rechargable USI Pen	8NN78AA

Batteries/Chargers/Adapters

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter	**2PC54AA ★**

AC Adapters

HP 65W USB-C Slim Travel Power Adapter	7EZ26AA

Audio/Multimedia and Communication Devices

Speakers

HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 360	2D800AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA

Headsets

HP Bluetooth Headset 500	2J875AA
HP Pavilion Gaming Headset 600	5RY19AA
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

Headphones

OMEN Dyad Earbuds	8JE67AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA

HP Home Monitors

★ : Recommended

ENVY Displays

HP ENVY 27 27-inch Display	W5A12AA
HP ENVY 34 34-inch Display	W3T65AA

Pavilion Displays

HP Pavilion 27 27-inch Display	3TN79AA	
HP Pavilion 27 27-inch Display	4WK67AA	obsolete
HP Pavilion 27 Quantum Dot 27-inch Display	5DQ99AA	
HP Pavilion 27 Quantum Dot 27-inch Display	5DR00AA	
HP Pavilion 32 QHD 32-inch Display	4WH45AA	

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