HP Chromebook x360 11 G3 EE (1A768UT)

Overview

The x360 Chromebook built for teaching and learning

Empower students to realize their potential with personalized, interactive, cloud-first[1] learning on the HP Chromebook x360 11 G3 EE. The flexible, durable HP chassis supports every way students learn; the fast-booting Chrome OS is immediately ready and makes management easy.

Versatile and adaptable to every student learning style

Enable students to learn in their own way with 360°-adjustability into four modes and access to over 200 Android™ and G Suite education apps.[1]

Classroom-ready performance

Quickly stream and access textbooks, tests, and more with Intel® processors[7] and the Chrome OS. Work continuously with a long battery life and fast recharging. Make it easy to control and manage student interactions with HP Classroom Manager.[8]

A Chromebook built to withstand students and school days

Give students a Chromebook that can survive a fall off a desk[5], a splash from a soda[6] or a tugged power cord. It resists spills[6] and attempts to remove keys, has metal-reinforced corners, and is 122 cm[5] drop tested—higher than most desks.

Features

Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS.[1]

Universal connectivity and charging with USB-C™

Use the USB-C™ port to access and charge your USB-C™ accessories from your Chromebook™ or charge your Chromebook™ from any USB-C™ adapter.

Apps and content for expanded learning

Take learning in new directions with access to the Google Play™ Store and Android™ apps, which include thousands of instantly shareable and easily manageable innovative education apps.[1]

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[1] Internet access required and sold separately. Some apps may require purchase.

[5] 122 cm test on plywood and 76 cm test on concrete. Drop test is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[6] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[7] 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 clock speed.

[8] Sold separately. Internet access required and sold separately.

Specifications

Operating system	Chrome OS™
Product color	Chalkboard gray
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® N4020 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.8 GHz burst frequency, 4 MB cache, 2 cores)[6,7]
Memory	4 GB LPDDR4-2400 MHz RAM (onboard)
Internal Storage	32 GB eMMC
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 600
Display	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, BrightView, 220 nits, 50% NTSC
Display	11.6" diagonal, HD (1366 x 768), touch, IPS, BrightView, 220 nits, 50% NTSC[7,8,9]
Display size (diagonal)	29.5 cm (11.6")
Display size (diagonal)	11.6"
Audio	HD audio, dual speakers, integrated microphone
Minimum dimensions (W x D x H)	29.5 x 20.53 x 2.09 cm
Minimum dimensions (W x D x H)	11.61 x 8.08 x 0.82 in
Weight	Starting at 1.45 kg *(Weight will vary by configuration.)*
Weight	Starting at 3.19 lb *(Weight will vary by configuration.)*
Keyboard	Spill-resistant, full-size, textured keyboard with HP Improved Anchored Key Design
Pointing device	Clickpad with multi-touch gesture support
Camera	5 MP camera (world-facing);720p HD camera
Ports	2 USB 3.1 Type-C® Gen 1 (Power delivery, data transfer, DisplayPort™); 2 USB 3.1 Gen 1; 1 Stereo headphone/microphone combo jack
Package dimensions (W x D x H)	6.7 x 43.5 x 26 cm
Wireless	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5.1 wireless card (supporting gigabit data rate)
Power	45 W USB Type-C™ adapter[14]
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer
Sustainable impact specifications	Low halogen; TCO 8.0 Certified
Security management	Nano Security lock slot; Google H1 Security Chip[12]

Software included	Chrome Education Upgrade (Sold separately); Chrome Enterprise Upgrade (Sold separately); HP Classroom Manager (Sold separately)[10,11]
Cloud service	Google One™ (with 100 GB of storage and other exclusive benefits for 12 months)[4]
UPC number	(ABA) 194850322389; (ABL) 194850323973
Manufacturer Warranty	HP Services offers a 1-year limited warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Long Life batteries will have same warranty as the platform. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc.[15]

Additional specifications

Accessories	HP Active Pen; HP USB-C to RJ45 Adapter V7W66AA; HP USB-C to VGA Adapter N9K76AA; HP USB-C to DisplayPort Adapter N9K78AA; HP USB-C Dock G5 (Adicora-A) 5TW10AA
Battery brand	HP
Battery capacity	47
Battery capacity uom	Wh
Battery cells number	2
Battery life	Long Life
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty.
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.0
Brightness	220 nits
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	50% NTSC
Datasheet photo 1	AHID/a31f55bb9f5d9977a09a355fbb4bb8c457ce5462
Datasheet photo 3	AHID/76347dcdbe25c76bfe70caeb9996f975a1e860b1
Datasheet photo 4	AHID/8f81b47c788877b0b3ce2535a7af96322b6226b9
Datasheet photo 5	AHID/d42945fc7089ed7ef7fdbc134e223de9f068104b
Display	11.6" diagonal HD touch display
Display	29.5 cm (11.6") diagonal HD touch display
Display brightness	220
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1366 x 768
Display resolution standard	HD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	11.6
Display size (diagonal, metric)	29.5
Display size (diagonal, metric) uom	cm
Display surface treatment	BrightView
Display touchscreen type	touch screen
ECC memory	non-ECC

Keyboard backlight	backlit
Keyboard features	Spill-resistant
Keyboard material	textured
Keyboard size	Full-size
Memory and storage	4 GB memory; 32 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 memory slots	1
Package dimensions (W x D x H)	2.63 x 17.12 x 10.23 in
Playbook TS icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor base frequency	1.1
Processor cache	4 MB L3
Processor core	2
Processor family	Celeron®
Processor frequency UOM	GHz
Processor maximum frequency	2.8
Processor maximum frequency uom	GHz
Processor model	N4020

Processor threads	2
Product brand name	HP
Product long name specifications	HP Chromebook x360 11 G3 EE, Chrome OS™, 11.6", touch screen, Intel® Celeron®, 4GB RAM, 32GB eMMC, HD
Product long name specifications V2	Chrome OS™, 11.6", touch screen, Intel® Celeron®, 4GB RAM, 32GB eMMC, HD
Product short name specifications	HP Chromebook x360 11 G3 EE, 11.6", Intel® Celeron®, 4GB RAM, 32GB eMMC
Standard memory note	Transfer rates up to 2400 MT/s.
Storage capacity	32
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
Touchscreen	Yes
UNSPSC code	43211503
Wireless Model	Wireless-AC 9560
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Intel®
vPro enabled	non-vPro®

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[4] Google Drive offer is tied to this device and is non-transferable. Not available with Chrome Enterprise Upgrade enrollment. If this device is returned, the extra storage will be revoked. In order to redeem this offer, you will need to be on Chrome OS™ 23 or later. Internet access is required and not included. Additional information about storage plan refunds, renewals, cancellations and expiration is available at the Google website: https://support.google.com/chromebook/answer/2703646?hl=en

[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.

[8] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[9] Sold separately or as an optional feature.

[10] HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.

[11] Chrome Enterprise Upgrade and Chrome Education Upgrade are sold separately and require one-time setup, subscription, Google Admin Console, and your organization's domain. Please see https://support.google.com/a/answer/60216.

[12] Security lock is sold separately.

[14] Availability may vary by country.

[15] HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

Power Adapters

HP 45W USB-C LC Power Adapter	**1MZ01AA ★**	
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA	

Cases and Covers

Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	**1X644AA ★**	
HP Prelude 15.6-inch Backpack	**2Z8P3AA ★**	
HP Prelude Backpack 15.6	**1E7D6AA ★**	
HP Prelude Backpack 15.6	**50P32AA ★**	
HP Executive 15.6 Backpack	6KD07AA	
HP Executive 15.6 Backpack	6KD07UT	
HP Executive 17.3 Backpack	6KD05AA	obsolete
HP Prelude G2 15.6 Backpack (Bulk Qty.15)	1E7D6A6	
HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6	
HP Prelude Pro 15.6-inch Recycled Backpack	1X644UT	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5ET	
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT	
HP Renew Executive 16-inch Laptop Backpack	6B8Y1AA	
HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6B8U6AA	
HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6H2D9AA	
HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6B8U4AA	
HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6H2D8AA	

Cases

HP 11.6 Black Always On Case	**1D3D0AA ★**	
HP Executive 14.1 Slim Top Load	6KD04AA	
HP Executive 14.1 Slim Top Load	6KD04UT	
HP Executive 15.6 Top Load	6KD06AA	

HP Executive 15.6 Top Load	6KD06UT	
HP Mobility 11.6-inch Laptop Case	4U9G8AA	
HP Mobility 11.6-inch Laptop Case	4U9G8ET	
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA	
HP Prelude 15.6-inch Topload	1E7D7AA	
HP Prelude 15.6-inch Topload	50P31AA	
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6	
HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA	
HP Prelude Pro 15.6-inch Recycled Top Load	1X645UT	
HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6	
HP Renew Business 14.1-inch Laptop Bag	3E5F9A6	
HP Renew Business 14.1-inch Laptop Bag	3E5F9AA	
HP Renew Business 14.1-inch Laptop Bag	3E5F9ET	
HP Renew Business 14.1-inch Laptop Bag	3E5F9UT	
HP Renew Business 15.6-inch Laptop Bag	3E5F8A6	
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA	
HP Renew Business 15.6-inch Laptop Bag	3E5F8ET	
HP Renew Business 15.6-inch Laptop Bag	3E5F8UT	
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA	
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT	
HP Renew Executive 16-inch Laptop Bag	6B8Y2AA	

Covers

HP 11.6-inch Sleeve	7ZE81PA	
HP Renew 14 Laptop Sleeve	2E6U9AA	obsolete
HP Renew 14 Laptop Sleeve	2E6V0AA	obsolete
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7A6	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7ET	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT	
HP Renew Executive 14-inch Laptop Sleeve	6B8Y3AA	
HP Reversible 11.6-inch Sleeve	7ZE81A6	obsolete
HP Reversible 11.6-inch Sleeve	7ZE81AA	obsolete
HP Reversible 13.3-inch Sleeve	7ZE82A6	obsolete
HP Reversible 13.3-inch Sleeve	7ZE82AA	obsolete

Security and Protection

PC Locks

HP Sure Key Cable Lock	**6UW42AA ★**	
HP Nano Keyed Cable Lock	1AJ39AA	
HP Nano Keyed Cable Lock	1AJ39UT	
HP Nano Master Keyed Cable Lock	1AJ40AA	
HP Sure Key Cable Lock	6UW42UT	

Keyboards/Mice and Input Devices

Mice

HP Comfort Grip Wireless Mouse	**H2L63AA ★**	obsolete
HP 235 Slim Wireless Mouse	4E407AA	
HP 235 Slim Wireless Mouse	4E407UT	
HP 3-button USB Laser Mouse	H4B81AA	
HP Bluetooth Travel Mouse	6SP30AA	
HP Bluetooth Travel Mouse	6SP30UT	
HP Essential USB Mouse	2TX37AA	obsolete
HP Wired Desktop 320M Mouse	9VA80AA	
HP Wired Desktop 320M Mouse	9VA80ET	
HP Wired Desktop 320M Mouse	9VA80UT	
HP Wireless Premium Mouse	1JR31AA	
HP Wireless Premium Mouse	1JR31UT	
HP X4000b Bluetooth Mouse	H3T50AA	
USB Travel Mouse	G1K28AA	

Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA	
HP Wired Desktop 320K Keyboard	9SR37ET	
HP Wired Desktop 320K Keyboard	9SR37UT	
HP Wireless (Link-5) Keyboard	T6U20AA	obsolete

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET	
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT	

HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA	
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT	

Point of Sales System Options

POS Display Accessories

HP Engage One 10.1-inch Display	1XD80A7	
HP Engage One 10.1-inch Display	1XD80AA	
HP Engage One 10.1-inch Display	1XD81A7	
HP Engage One 10.1-inch Touch Display	1XD81AA	
HP Engage One W 10.1-inch Display	3FH66A7	
HP Engage One W 10.1-inch Display	3FH66A8	
HP Engage One W 10.1-inch Display	3FH66AA	
HP Engage One W 10.1-inch Touch Display	3FH67A7	
HP Engage One W 10.1-inch Touch Display	3FH67A8	
HP Engage One W 10.1-inch Touch Display	3FH67AA	

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA	
HP External USB DVDRW Drive	F2B56ET	
HP External USB DVDRW Drive	F2B56UT	
HP USB External DVD-RW Writer	Y3T76AA	

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA	
HP HDMI to VGA Adapter	H4F02ET	
HP HDMI to VGA Adapter	H4F02UT	

Audio/Multimedia and Communication Devices

Headsets

HP Stereo 3.5mm Headset	T1A66AA	obsolete
HP Stereo USB Headset	T1A67AA	obsolete

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA	obsolete
HP USB-C to HDMI 2.0	1WC36AA	
HP USB-C to RJ45 Adapter	V7W66AA	
HP USB-C to RJ45 Adapter	V7W66UT	
HP USB-C to VGA Adapter	N9K76AA	
HP USB-C to VGA Adapter	N9K76UT	
HP USB-C to VGA Display Adapter	P7Z54AA	

Docking and Port Replicators

Docking Stations

HP USB-C Travel Hub G2	7PJ38AA
HP USB-C Travel Hub G2	7PJ38UT

Monitors

Business Monitors

★ : Recommended

Z Displays

HP DreamColor Z31x Studio Display	Z4Y82A4
HP DreamColor Z31x Studio Display	Z4Y82AT
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27u G3 QHD Display	1B9X2AA
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA
HP Z32 31.5-inch 4K UHD Display	1AA81A4
HP Z32 31.5-inch 4K UHD Display	1AA81A8
HP Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65A8
HP Z38c 37.5-inch Curved Display	Z4W65AT
HP Z43 42.5-inch 4K UHD Display	1AA85A4
HP Z43 42.5-inch 4K UHD Display	1AA85A8

E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E24d G4 FHD USB-C Docking Monitor	6PA50AT
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27u G4 QHD USB-C Monitor	189T3AA

EliteDisplays

HP EliteDisplay E273m 27-inch Monitor	1FH51AA
HP EliteDisplay E273m 27-inch Monitor	1FH51AS
HP EliteDisplay E273m 27-inch Monitor	1FH51AT

P-Series

HP P27h G4 FHD Monitor	7VH95AA

Industries

Healthcare

★ : Recommended

Healthcare

Healthcare Overview	HPHLSSOVERVIEW

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