

#### **Overview**

#### The x360 Chromebook™ built for advanced teaching and learning

Improve learning outcomes, save teacher time, and engage students with the durable, versatile HP Chromebook x360 11 G2 EE. It's driven by the latest Intel® processors[1], can withstand drops[2] and minor spills, and has enhanced connectivity and a long battery life that recharges fast.

# Versatile and adaptable to every student learning style

Enable blended learning and collaboration with Android™ apps[3] and HP Classroom Manager[4]. A 360° hinge and optional HP Wacom EMR pen[5] and dual cameras[6] support type, touch, write[7], capture, and draw[7] interactions in four modes.

#### Rugged for the school day and beyond

Deploy a sturdy device built for the whole day with a pick-proof, anchored, minor-spill-resistant keyboard, shock-absorbing molded rubber trim, and Corning® Gorilla® Glass 3. It also passes MIL-STD 810G[8], IP 41[9], and a 76 cm drop on concrete.[2]

#### Powerful performance

Give students a boost with the intuitive Chrome OS™, the latest Intel® processors[1], and up to 8 GB memory and 64 GB[10] EMMc storage. Enjoy a long battery life that recharges fast and connect in large spaces with 2x2 WLAN[11] and MIMO.[12]

#### Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS™.[13]

#### Modes with cameras to match different scenarios

Work in notebook, stand, tent or tablet modes. Allow students to always see what they're recording with the optional 5 MP 2nd world-facing camera.<sup>[6,14]</sup>

#### Touch, tap, draw, and write.

Annotate, solve math problems, take notes, and learn languages onscreen with integrated touch technology. Support natural writing and drawing with the optional digitizer and HP Wacom EMR Pen. [5,7]

#### Redefine the digital classroom

Take control of the classroom, manage class PCs, and collaborate with students with the intuitive toolset of HP Classroom Manager. [4]

#### 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.<sup>[3]</sup>

#### Reinforced design elements

Help prevent everyday wear and tear, water intrusion, and tampering with a keyboard that resists minor spills and is pick-proof and anchored to deter key removal.

[1] Multicore 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.

[2] 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.

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

[4] HP Classroom Manager for students is available as a download. HP Classroom Manager Teacher Console sold separately.

[5] Sold separately or as a configurable option. Use of the HP Wacom EMR pen on this platform requires optional digitizer that must be configured on the platform at time of purchase.

[6] Sold as a configurable option at time of purchase.

[7] Optional HP Wacom EMR pen required for these functions and sold separately or as a configurable option. Use of the pen on this platform requires optional digitizer that must be configured on the platform at time of purchase.

[8] MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[9] IP 41 test results are not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[10] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 is not user available.

[11] 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 notebook to communicate with other 802.11ac WLAN devices.

[12] Multiple-Input Multiple-Output (MIMO) is a wireless technology that uses multiple transmitters and receivers to enhance data transfer. MIMO requires a MU-MIMO router, sold separately.

[13] Internet access required and sold separately.

[14] Requires optional rear-facing camera with integrated microphone on select configurations only. Front-facing camera is standard on all models. Two speakers, separate from the front-facing camera, are standard on all models.

# **Specifications**

Operating system	Chrome OS™ 64
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® N4000 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 2 cores) <sup>[6,7]</sup>
Memory	8 GB LPDDR4-3733 MHz RAM (onboard)
Internal Storage	64 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 <sup>[6,7,8]</sup>
Display size (diagonal)	29.46 cm (11.6")
Display size (diagonal)	11.6"
Audio features	Dual speakers
Minimum dimensions (W x D x H)	30.6 x 20.8 x 2.11 cm
Weight	Starting at 1.47 kg (Weight will vary by configuration.)
Keyboard	Full-size island-style keyboard
Pointing device	Clickpad with multi-touch gesture support
Camera	5 MP camera (world-facing)
Ports	2 USB 3.1 Type-C™ (Charge and video support, data transfer, power delivery); 2 USB 3.1 Gen 1 (HP Sleep and Charge); 1 Stereo headphone/microphone combo jack (Cables are not included.)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Wireless	Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power	45 W USB Type-C™ adapter <sup>[14]</sup>
Battery type	HP Long Life 2-cell, 47.36 Wh Li-ion polymer
Battery weight	0.18 kg
Sustainable impact specifications	Low halogen; TCO 5.0 Certified
Security management	H1 Security IC; Nano Security lock slot <sup>[11]</sup>
Software	HP Classroom Manager
Software included	HP Classroom Manager <sup>[10]</sup>
Cloud service	Google One™ (with 100 GB of storage and other exclusive benefits for 12 months) <sup>[9]</sup>
UPC number	(ABD) 193808814617; (ABE) 193808848940; (ABU) 193905967377; (UUW) 193905087501
Warranty	HP Services offers 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited 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. <sup>[15]</sup>

# Additional specifications

Additional information about HP in the countries	hp.com
Battery brand	НР
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
Brightness	220 nits
Color gamut	50% NTSC
Datasheet photo 1	Publication photos/HP Chromebook x360 11 G2 EE_Magpie 11_Sail Blue_HD cam_no ODD_no FPR_main.jpg
Datasheet photo 2	Publication photos/hp-carepack-updated.jpg
Datasheet photo 3	Publication photos/HP Chromebook x360 11 G2 EE_Magpie 11_Sail Blue_HD cam_no ODD_no FPR_secondary1.jpg
Datasheet photo 4	Publication photos/HP Chromebook x360 11 G2 EE_Magpie 11_Sail Blue_HD cam_no ODD_no FPR_secondary2.jpg
Datasheet photo 5	Publication photos/HP Chromebook x360 11 G2 EE_Magpie 11_Sail Blue_HD cam_no ODD_no FPR_secondary3.jpg
Datasheet publication number	4AA7-5093
Display	11.6" diagonal HD touch display
Display	29.46 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	No
Fingerprint reader	Fingerprint reader not available
Memory and storage	8 GB memory; 64 GB eMMC storage
Memory layout (slots & size)	Onboard
Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3733
Memory speed uom	MHz
Memory type	LPDDR4
Number of memory slots	1
Processor Brand	Intel®
Processor base frequency	1.1
Processor base frequency uom	GHz
Processor cache	4 MB L3
Processor core	2
Processor family	Celeron®
Processor maximum frequency	2.6
Processor maximum frequency uom	GHz

Processor model	N4000
Processor threads	2
Product brand name	HP
Quickspec	https://hp.sharepoint.com/teams/PSGWorldWide/Shared%20Documents/HP%20Chromebook%20x360%2011%20G2%20EE.pdf
Sales office and telephone number	Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg: (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Midle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 556 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products); Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 84 466, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20; Or 800 49 10; Ukraine: +380 44 490 61 20; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00
Service description	HP 3 year Next Business Day Onsite Hardware Support for Notebooks
Services (Care Pack)	Receive 3 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Standard memory note	Transfer rates up to 3733 MT/s.
Storage capacity 01	64
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	еММС
Touchscreen	Yes
Wireless Model	Wireless-AC 9560
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Intel®

[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 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] 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

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

[11] Lock must be purchased 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.

# Cases and Covers ★: Recommended

# Backpacks

HP Prelude Pro Recycled Backpack	1X644AA ★	
HP 17.3 Business Backpack	2SC67A6	
HP 17.3 Business Backpack	2SC67AA	
HP 17.3 Business Backpack	2SC67ET	
HP Essential Backpack	H1D24AA	obsolete
HP Executive 15.6 Backpack	6KD07AA	
HP Executive 17.3 Backpack	6KD05AA	
HP Prelude Pro Recycled Backpack	1X644A6	

## Cases

HP 11.6 Black Always On Case	1D3D0AA ★
HP 11.6 Black Always On Case (Bulk)	1D3D0A6
HP 13.3 Business Sleeve	2UW00AA
HP 14.1 Business Sleeve	2UW01AA
HP 14.1 Business Slim Top Load	2SC65A6
HP 14.1 Business Slim Top Load	2SC65AA
HP 14.1 Business Slim Top Load	2SC65ET
HP 15.6 Business Top Load	2SC66A6
HP 15.6 Business Top Load	2SC66AA
HP 15.6 Business Top Load	2SC66ET
HP 17.3 Business Slim Top Load	2UW02A6
HP 17.3 Business Slim Top Load	2UW02AA
HP All in One Carry On Luggage	7ZE80AA
HP Essential Top Load Case	H2W17AA obsolete
HP Executive 14.1 Slim Top Load	6KD04AA
HP Executive 14.1 Tote	6KD10AA
HP Executive 15.6 Leather Top Load	6KD09AA
HP Executive 15.6 Top Load	6KD06AA
HP Executive 17.3 Top Load	6KD08AA
HP Prelude Pro Recycled Top Load	1X645A6
HP Prelude Pro Recycled Top Load	1X645AA
HP Recycled Series 15.6-inch Top Load	5KN29AA
Recycled Series 14-inch Top Load	7ZE83AA

## Covers

HP Reversible 11.6-inch Sleeve	7ZE81A6
HP Reversible 11.6-inch Sleeve	7ZE81AA
HP Reversible 13.3-inch Sleeve	7ZE82A6
HP Reversible 13 3-inch Sleeve	77F82AA

# **Keyboards/Mice and Input Devices**

## **Keyboard and Mouse Kits**

HP Slim USB Keyboard and Mouse	T6T83AA ★
HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36AA
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA

### Mice

HP Comfort Grip Wireless Mouse	H2L63AA ★
HP X4000b Bluetooth Mouse	H3T50AA ★
HP 3-button USB Laser Mouse	H4B81AA
HP 3-button USB Laser Mouse	H4B81ET
HP Bluetooth Travel Mouse	6SP30AA
HP Essential USB Mouse	2TX37AA obsolete
HP USB Premium Mouse	1JR32AA
HP Ultra Mobile Wireless Mouse	H6F25AA
HP Wired Desktop 320M Mouse	9VA80AA
HP Wireless Premium Mouse	1JR31AA
USB Travel Mouse	G1K28AA
USB Travel Mouse	G1K28ET

# Keyboards

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

# **Security and Protection**

### **PC Locks**

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

# **Docking and Port Replicators**

## **Docking Stations**

HP USB-C/A Universal Dock G2	5TW13AA ★
HP USB-C Travel Hub G2	7PJ38AA ★
HP USB-C Mini Dock	1PM64AA ★
HP USB-C/A Universal Dock G2	5TW13ET

### **Cabinets and Stands**

### **Carts**

HP 20 Mgd Charging Cart V2	T9E83AA
HP 30 Mgd Charging Cart V2	T9E85AA

# **Audio/Multimedia and Communication Devices**

### Headsets

HP Business Headset v2	T4E61AA
HP Stereo 3.5mm Headset	T1A66AA
HP Stereo USB Headset	T1A67AA

# **Point of Sales System Options**

## **POS Display Accessories**

HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66AA
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 USB External DVD-RW Writer	Y3T76AA

# **Graphics Cards**

## **Graphics Connectors/Adapters**

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

# **Batteries/Chargers/Adapters**

### **Power Packs**

HP Notebook Power Bank	N9F71AA
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# Cables/Cable Kits/Cable Adapters

## **Cable Adapters**

HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

Business Monitors \* : Recommended

## E-Series

HP E27d G4 QHD Advanced Docking Monitor	6PA56AA ★
HP E14 G4 Portable Monitor	1B065AA
HP E24d G4 FHD Advanced Docking Monitor	6PA50AA
HP E24d G4 FHD Advanced Docking Monitor	6PA50AT
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27u G4 QHD USB-C Monitor	189T3AA

# **Z** Displays

HP DreamColor Z27x G2 Studio Display	2NJ08A4
HP DreamColor Z27x G2 Studio Display	2NJ08AT
HP DreamColor Z31x Studio Display	Z4Y82A4
HP DreamColor Z31x Studio Display	Z4Y82AT
HP Z24n G2 24-inch Display	1JS09A4
HP Z24n G2 24-inch Display	1JS09AT
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA
HP Z27k G3 4K USB-C Display	1B9T0AA
HP Z27n G2 27-inch Display	1JS10A4
HP Z27n G2 27-inch Display	1JS10AT
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 Z38c 37.5-inch Curved Display	Z4W65A4
HP Z38c 37.5-inch Curved Display	Z4W65AT
HP Z43 42.5-inch 4K UHD Display	1AA85A4

## **EliteDisplays**

HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AT
HP EliteDisplay E243d 23.8-inch Docking Monitor	7MP20AA
HP EliteDisplay E273m 27-inch Monitor	1FH51AS
HP EliteDisplay E273m 27-inch Monitor	1FH51AT
HP EliteDisplay E273m 68.58 cm (27") Monitor	1FH51AA
HP EliteDisplay E273q 27-inch Monitor	1FH52AS
HP EliteDisplay E273q 27-inch Monitor	1FH52AT
HP EliteDisplay E273q 68.58 cm (27") Monitor	1FH52AA

## **Healthcare Edition Displays**

HP Healthcare Edition HC270cr Clinical Review Monitor	10W03AA	obsolete

# **ProDisplays**

HP Mini-in-One 24 Display	7ΔΧ23ΔΔ

HP Mini-in-One 24 Display 7AX23AT

### **P-Series**

HP P27h G4 FHD Monitor	7VH95AA

### **S-Series**

HP S430c 43.4-inch Curved Ultrawide Monitor	5FW74AA
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#### **Industries**

**Education** ★: Recommended

#### **Education**

Education K-12 HPEDUSOVERVIEW

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