



# HP Chromebook x360 11 G4 Education Edition (305W4EA)

## Overview

### Rugged, convertible Chromebook built for education

Learning happens everywhere with the rugged HP Chromebook x360 11 G4 EE, featuring a versatile 360° hinge that suits student learning styles. Boost productivity with the latest Intel® Celeron® processor[2], reliable connectivity, and long battery life.

### Immersive 360° multi-modal learning

Engage student senses on a Chromebook with a flexible 360° hinge. Easily interact and complete activities and tasks comfortably in laptop, tablet, tent, or stand mode.

### Performance and productivity for education

Quickly access videos, assignments, and more in crowded wireless networks with the latest Intel® Celeron® processor[2], plenty of memory, and Wi-Fi 6[8]—powered by Chrome OS. Keep students productive with long battery life and fast recharging.

### Designed for reliability. Engineered for durability.

Say goodbye to downtime from damage with a full-skirted anchored keyboard that resists picking, minor spills up to 350 ml (11.8 oz), and dust. This Chromebook can withstand drops up to 122 cm[5] and undergoes MIL-STD 810H[7] and HP education testing.[6]

# Features

## Simplify deployments

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

## 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.

## Enhanced design elements

Help prevent degradation, water intrusion, and tampering with a keyboard that resists picks, minor spills, and key removal.

## 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>[1]</sup>

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*[2] 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.*

*[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] Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[7] 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. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.*

*[8] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.*

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

## Specifications

<b>Operating system</b>	Chrome OS™ 64
<b>Processor family</b>	Intel® Celeron® processor
<b>Processor</b>	Intel® Celeron® N5100 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 4 cores) <sup>[6,7]</sup>
<b>Memory</b>	8 GB LPDDR4x-4266 MHz RAM (onboard)
<b>Internal Storage</b>	64 GB eMMC
<b>Optical drive</b>	Not included
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics
<b>Display</b>	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 45% NTSC
<b>Display</b>	11.6" diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 45% NTSC <sup>[6,7]</sup>
<b>Display size (diagonal)</b>	29.5 cm (11.6")
<b>Display size (diagonal)</b>	11.6"
<b>Audio features</b>	HD audio, dual speakers, dual array microphones
<b>Minimum dimensions (W x D x H)</b>	29.5 x 20.5 x 2.3 cm
<b>Minimum dimensions (W x D x H)</b>	11.61 x 8.07 x 0.9 in
<b>Weight</b>	Starting at 1.51 kg <i>(Weight will vary by configuration.)</i>
<b>Weight</b>	Starting at 3.33 lb <i>(Weight will vary by configuration.)</i>
<b>Keyboard</b>	Full-size island-style, spill and pick resistant keyboard
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Ports</b>	2 SuperSpeed USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
<b>Expansion slots</b>	1 microSD <i>(Supports SD, SDHC, SDXC.)</i>
<b>Wireless</b>	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo
<b>Power</b>	HP Smart 45 W USB Type-C™ adapter <sup>[12]</sup>
<b>Battery type</b>	HP Long Life 2-cell, 47 Wh Li-ion polymer
<b>Battery weight</b>	0.48 lb
<b>Battery weight</b>	220 g
<b>Sustainable impact specifications</b>	Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable

**Security management**

Nano Security lock slot; Google Titan C

**Software included**Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately)<sup>[9,10]</sup>**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>[14]</sup>

## Additional specifications

<b>Accessories</b>	HP Sure Key Cable Lock 2L3Z2AV; HP Prelude Pro Backpack 15.6 1D4G7AV; HP USB-C Travel Hub G2 1W257AV; HP USB-C to VGA Adapter 6QK86AV; Optical Travel USB Mouse 1KL17AV
<b>Battery life note</b>	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 90% in 90 minutes.
<b>Bluetooth version</b>	Bluetooth® 5.0
<b>Brightness</b>	220 nits
<b>Color gamut</b>	45% NTSC
<b>Display</b>	29.5 cm (11.6") diagonal HD touch display
<b>Display</b>	11.6" diagonal HD touch display
<b>Display brightness</b>	220
<b>Display brightness uom</b>	nits
<b>Display panel technology</b>	IPS
<b>Display resolution (pixels)</b>	1366 x 768
<b>Display resolution standard</b>	HD
<b>Display size (diagonal) uom</b>	"
<b>Display size (diagonal, imperial)</b>	11.6
<b>Display size (diagonal, metric)</b>	29.5
<b>Display size (diagonal, metric) uom</b>	cm
<b>Display surface treatment</b>	anti-glare
<b>Display touchscreen type</b>	touch
<b>Fingerprint reader</b>	Fingerprint reader not available
<b>Memory and storage</b>	8 GB memory; 64 GB eMMC storage
<b>Processor Brand</b>	Intel®
<b>Processor base frequency</b>	1.1
<b>Processor base frequency uom</b>	GHz
<b>Processor cache</b>	4 MB L3
<b>Processor core</b>	4
<b>Processor family</b>	Celeron®
<b>Processor frequency technology</b>	Intel® Turbo Boost Technology
<b>Processor maximum frequency</b>	2.8
<b>Processor maximum frequency uom</b>	GHz
<b>Processor model</b>	N5100

<b>Processor threads</b>	4
<b>Product brand name</b>	HP
<b>Standard memory note</b>	Transfer rates up to 4266 MT/s.
<b>Storage capacity 01</b>	64
<b>Storage capacity uom 01</b>	GB
<b>Storage type</b>	eMMC
<b>Storage type 01</b>	eMMC
<b>Stylus</b>	HP Pen
<b>Touchscreen</b>	Yes
<b>Wireless Model</b>	Wi-Fi 6 AX201
<b>Wireless antenna</b>	2x2
<b>Wireless standard</b>	Wi-Fi 6
<b>Wireless supplier</b>	Intel®
<b>vPro enabled</b>	non-vPro™

[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.

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

[10] Chrome Education Upgrade requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see <https://support.google.com/a/answer/60216>.

[12] Recharges up to 90% within 90 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. After charging has reached 90% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[14] 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](http://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.

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