Data sheet

HP Chromebook 11 G8 Education Edition

The Chromebook built for schools and designed for learning

Help students reach their potential with cloud-first[1] learning on the durable HP Chromebook 11 G8 EE that keeps pace with active student lifestyles while the fast-booting Chrome OS makes IT management easy.

*Product image may differ from actual product

A Chromebook built to withstand students and school days

- Give students a Chromebook that can survive a fall off a desk[2], a splash from a soda[3] or a tugged power cord. It resists spills[3] and attempts to remove keys, has metal-reinforced corners, and is 122 cm[2] drop tested—higher than most desks.

Classroom-ready performance

- Quickly stream and access textbooks, tests, and more with Intel® processors[4] and the Chrome OS. Work continuously with long battery life and fast recharging. Make it easy to control and manage student interactions with HP Classroom Manager.[5]

Engaging discussions

- Show and share Android™ and G Suite apps in class on a lie-flat device that has an optional HD IPS anti-glare touchscreen.[6] Bring distance learning closer and collaborate remotely in real-time with a webcam and HP Extended Range Wireless LAN.[7]
- Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS.[1]
- Get online quickly, even in crowded rooms, with WLAN 802.11 ac with MU-MIMO and HP Extended Range Wireless LAN.[7,8,9]
- Help teachers control the classroom, manage class PCs, and collaborate with students with the intuitive toolset of HP Classroom Manager.[5]
- 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]
- Say goodbye to downtime with rubber bumpers, an anchored keyboard, and a reinforced power port and corners in a design that undergoes MIL-STD 810H and education testing.[10]
- Make sticky devices a thing of the past with a keyboard that can be repeatedly wiped down with common household cleaning wipes.[11]
- Spend more time learning with a long battery life and HP Fast Charge, which recharges the battery to 90% in 90 minutes.[12]
- Reinforced USB-C® ports on each side support USB-C® accessories and Chromebook charging from a USB-C® adapter. Connect to accessories with two USB 3.1 Gen 1 ports and 3.5 mm mic and speaker ports.
- Easily deploy, manage, and control users, devices, and apps on 10s, 100s, and even 1000s of HP Chromebooks with Google's optional Chrome Enterprise Upgrade or Chrome Education Upgrade.[1,13]
- Breathe easy with an IT investment that is supported by a one-year standard limited warranty. Extend your protection to cover accidents, travel, next-business day needs, and more with optional HP Care Pack services.[15]

HP Chromebook 11 G8 Education Edition Specifications Table

*Product image may differ from actual product

Available Operating Systems	Chrome OS™
Processor family	Intel® Celeron® processor
Available Processors[2,19]	Intel® Celeron® N4120 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.6 GHz burst frequency, 4 MB cache, 4 cores); Intel® Celeron® N4100 with Intel® UHD Graphics 600 (1.1 GHz base frequency, up to 2.4 GHz burst frequency, 4 MB cache, 4 cores); 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); 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)
Maximum memory	8 GB LPDDR4-2400 SDRAM Memory soldered down.
Internal storage	16 GB up to 64 GB eMMC 5.0[3]
Display size (diagonal, metric)	29.46 cm (11.6")
Display	11.6" diagonal HD SVA anti-glare WLED-backlit, 220 nits, 45% NTSC (1366 x 768); 11.6" diagonal HD IPS anti-glare WLED-backlit, 220 nits, 50% NTSC (1366 x 768); 11.6" diagonal HD IPS anti-glare WLED-backlit touch screen, 220 nits, 50% NTSC (1366 x 768)[7,8,9] 29.46 cm (11.6") diagonal HD IPS anti-glare WLED-backlit touch screen, 220 nits, 50% NTSC (1366 x 768); 29.46 cm (11.6") diagonal HD SVA anti-glare WLED-backlit, 220 nits, 45% NTSC (1366 x 768); 29.46 cm (11.6") diagonal HD IPS anti-glare WLED-backlit, 220 nits, 50% NTSC (1366 x 768) [7,8,9]
Available Graphics	Integrated: Intel® UHD Graphics 600[7] (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	HD audio, dual speakers, integrated microphone
Wireless technologies	(HP Extended Range Wireless Lan, MU-MIMO and Chromecast support)
Memory card device	1 microSD (optional)
Ports and Connectors	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
Input devices	Full-size textured island-style keyboard, spill-resistant with HP Improved Anchored Key Design; Touchpad with multi-touch gesture support, taps enabled as default;
Communications	Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo; Intel® Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo [5,6];
Camera	720p HD camera [7]
Software	Chrome Education Upgrade (Sold separately); Chrome Enterprise Upgrade (Sold separately); HP Classroom Manager (Sold separately); [10,11]
Security management	Nano Security lock slot; Google H1 Security Chip;[12]
Fingerprint reader	Fingerprint reader not available
Power	HP Smart 45 W USB Type-C™ adapter[13]
Battery type	HP Long Life 2-cell, 47.36 Wh Li-ion polymer[13,17,18]
Dimensions	11.61 x 8.08 x 0.74 in; 29.5 x 20.53 x 1.88 cm
Weight	Starting at 2.91 lb; Starting at 1.32 kg; (Weight will vary by configuration.)
Ecolabels	ENERGY STAR® certified; EPEAT® 2019 Silver[15]
Sustainable impact specifications	Low halogen; TCO 8.0 Certified[16]
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.

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Accessories and services (not included)

Additional Services (Not included)	HP Care Pack	UQ996E - HP 3 year Pickup and Return Hardware Support w/Accidental Damage Protection-G2 for Notebooks

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Messaging Footnotes

[1] Internet access required and sold separately. Some apps may require purchase.
[2] 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.
[3] 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.
[4] 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.
[5] Sold separately. Internet access required and sold separately.
[6] Sold as a configurable option at time of purchase.
[7] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
[8] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
[9] 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.
[10] MIL STD 810H 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.
[11] See user guide for cleaning instructions. Commonly used household cleaning solution wipes tested to 1,000 wipes include: n-Alkyl (C14, 60%; C16, 30%; C12, 5%; C18, 5%); Dimethyl Benzyl Ammonium Chloride 0.184%; n-Alkyl (C12, 68%; C14, 32%) Dimethyl Ethylbenzyl Ammonium Chloride 0.184%, other ingredients 99.632%. And solution: water, Ammonium Hydroxide, Propylene Glycol, Alkyl Polyglycoside, 2-Hexoxyethanol, fragrance.
[12] Recharges the battery 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, and no external devices are connected. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
[13] Sold separately.
[14] Sold separately. Availability varies by region.
[15] 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.

Technical Specifications Footnotes

[2] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[3] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.1 GB is not user available.
[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
[5] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
[6] Chromecast must be purchased separately.
[7] HD content required to view HD images.
[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.
[13] 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 speed 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. 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.
[15] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
[16] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[17] Battery configuration and charge capacity is optimized to improve battery health over time based upon charging patterns and temperature.
[18] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
[19] 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.

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