ProductSheet

HP Chromebook 11 G8 Education Edition (428G5UT)

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.



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. Bring distance learning closer and collaborate remotely in real-time with a webcam and HP Extended Range Wireless LAN.[7]

Featuring

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]

Specifications

Operating system	Chrome OS™ 64
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)[6,7]
Memory	8 GB LPDDR4-3733 MHz RAM (onboard)
Internal Storage	32 GB eMMC
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 600
Display	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 50% NTSC
Display	11.6" diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 50% NTSC[7,8,9]
Display size (diagonal)	29.5 cm (11.6")
Display size (diagonal)	11.6"
Audio features	HD audio, dual speakers, integrated microphone
Minimum dimensions (W x D x H)	29.5 x 20.53 x 1.88 cm
Minimum dimensions (W x D x H)	11.61 x 8.08 x 0.74 in
Weight	Starting at 1.32 kg *(Weight will vary by configuration.)*
Weight	Starting at 2.91 lb *(Weight will vary by configuration.)*
Keyboard	Pick and spill-resistant, full-size, island-style, chalkboard gray and pebble gray, backlit keyboard with skirt anchored keycaps
Pointing device	Touchpad with multi-touch gesture support
Camera	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
Wireless	Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo, non-vPro®
Power	45 W USB Type-C™ adapter[13]
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]
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.[14]

Top Recommended Displays, Accessories and Services

EliteDisplays	
HP E344c 34-inch Curved Monitor	6GJ95A8
HP E344c 34-inch Curved Monitor	6GJ95AA
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76A8
HP EliteDisplay E243d 23.8-inch Docking Monitor	1TJ76AA
E-Series	
HP E24d G4 FHD Advanced Docking Monitor	6PA50A8
HP E24d G4 FHD Advanced Docking Monitor	6PA50AA
Docking Stations	
HP USB-C/A Universal Dock G2	5TW13AA
HP USB-C Travel Hub G2	7PJ38AA
Backpacks	
HP Prelude Pro Recycled Backpack	1X644AA
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
Cases	
HP 11.6 Black Always On Case	1D3D0AA
Keyboard and Mouse Kits	
HP Slim USB Keyboard and Mouse	T6T83AA
Mice	
HP Comfort Grip Wireless Mouse	H2L63AA
Power Adapters	
HP 45W USB-C LC Power Adapter	1MZ01AA
PC Locks	
HP Sure Key Cable Lock	6UW42AA

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.

[7] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.

Technical Specifications Footnotes

[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.

[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.

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