HP Chromebook 11 G9 Education Edition (408H5PA)

Overview

Chromebook simplicity. Built for education.

Maximize potential. This 11-inch Chromebook features a thin profile in a sturdy design with manageable, secure Chrome OS. The latest Intel® Celeron® processor[2] is built for high-performance and reliability, while USB-C® compatibility is future-ready.

Designed for reliability. Engineered for durability.

Say goodbye to downtime with a <19 mm (<.75 in) thin Chromebook that withstands drops up to 122 cm (48.03 in)[4] and undergoes MIL-STD 810H[5] and HP education testing.[3] The full-skirted anchored keyboard resists picking, minor spills, and dust.

Learning happens everywhere

Engage in lively virtual discussions and interactively collaborate with students and teachers on an HD webcam. Powered by Wi-Fi 6[8], supporting MU-MIMO[10] and HP Extended Range Wireless LAN[11] for fast, reliable connectivity even in crowded wireless networks.

High performance throughout the school day and beyond

Quickly stream and access textbooks, tests, and more thanks to the latest Intel® Celeron® processor[2] and Chrome OS. Work continuously with long battery life and HP Fast Charge—charging 90% in 90 minutes. [6]

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.

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.[1]

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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.

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

[4] 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.

[5] 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.

[6] 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.

[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.

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

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

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

Specifications

Operating system	Chrome OS™ 64
Processor family	Intel® Celeron® processor
Processor	Intel® Celeron® N4500 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 2 cores)[6,7]
Memory	4 GB LPDDR4x-4266 MHz RAM (onboard)
Internal Storage	32 GB eMMC
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	29.5 cm (11.6") diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC
Display	11.6" diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC[6,7]
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 1.88 cm
Weight	Starting at 1.34 kg *(Weight will vary by configuration.)*
Keyboard	Full-size island-style, spill and pick resistant keyboard
Pointing device	Clickpad with multi-touch gesture support
Ports	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
Expansion slots	1 microSD *(Supports SD, SDHC, SDXC.)*
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®
Power	45 W USB Type-C™ adapter
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer
Battery weight	0.42 lb
Battery weight	190 g
Sustainable impact specifications	Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Security management	Nano Security lock slot; Google Titan C[11]
Software included	Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately)[9,10]

Manufacturer 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.[13]

Additional specifications

Accessories	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
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. Fast charging 90% in 90 minutes.
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.0
Brightness	220 nits
Color gamut	45% NTSC
Datasheet photo 1	AHID/7c9c314f99ad62e35a9533d1792998d5827f3983
Datasheet photo 2	Publication logos/HP_Care_Pack_RGB_blue_icon.jpg
Datasheet photo 3	AHID/b3bc4943b7417332ef515c97076b36aa82cd8955
Datasheet photo 4	AHID/bef0287a36d159f5fd41d72be8629b368be55cd7
Datasheet photo 5	AHID/811573faa985d18c8da3033c4fc1a9223dc86970
Display	29.5 cm (11.6") diagonal HD display
Display	11.6" diagonal HD display
Display brightness	220
Display brightness uom	nits
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	anti-glare
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader not available
Keyboard features	Pick and spill resistant
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	4266
Memory speed uom	MHz
Number of memory slots	1
Processor Brand	Intel®
Processor cache	4 MB L3
Processor core	2
Processor family	Celeron®
Processor frequency technology	Intel® Turbo Boost Technology
Processor maximum frequency	2.8
Processor maximum frequency uom	GHz
Processor model	N4500
Processor threads	4
Product brand name	HP
Product long name specifications	HP Chromebook 11 G9 Education Edition, 11.6", Chrome OS™ 64, Intel® Celeron®, 4GB RAM, 32GB eMMC, HD

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; Middle 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 22 565 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 88 44 66, 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
Standard memory note	Transfer rates up to 4266 MT/s.
Storage capacity 01	32
Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
Touchscreen	No
Wireless Model	Wi-Fi 6 AX201
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®
vPro enabled	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.

[11] Lock is sold separately.

[13] 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.

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

HP 3 year Next Business Day Onsite Hardware Support w/Battery Replacement Notebook (X1) L	**UB3F7E ★**
HP 3 years Next Business Day Onsite Hardware Support with TravelCoverage for Notebooks (unit only)	UL653E
HP 3 years No-CSR Battery Only Standard Onsite Replacement Service - (limited to 1 battery) L	U9WY4E
HP 4 Year No-CSR Battery Only Replacement Pickup and Return Service - (limited to 1 battery) L	U9UX0E
HP 4 years Next Business Day Onsite Hardware Support w/BatteryReplacement for Notebooks (X1) L	UB3F8E
HP 4 years No-CSR Battery Only Replacement Standard Onsite Service - (limited to 1 battery) L	U9UX1E
HP Channel Installation 10+ units	UB3J0E
HP Channel Installation Setting Migration 1-10u	UB3J3E
HP Channel Installation Setting Migration 10+u	UB3J4E
HP Channel Installation User Settings 1-10u	UB3J1E
HP Channel Installation User Settings 10+u	UB3J2E

Personal Systems Hardware Support Onsite Service

HP 1 year Post Warranty Next Business Day Onsite Hardware Support for Notebooks	U1PV0PE
HP 1 yr Post Warranty Next Business Day Onsite HW Support w/Defective Media Retention for Notebooks	HP713PE
HP 2 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks	U1PU5E
HP 2 year Next Business Day Onsite Hardware Support for Notebooks	U1PU1E
HP 3 Year NBD Onsite HW Support W/Accidental Damage Protection-G2 (Excess 55ex) for NB	U0VV4E
HP 3 year Next Business Day Onsite Hardware Support w/ADP for Notebooks (1 claim)	UB5T8E
HP 3 years Next Business Day Onsite Hardware Support for Notebooks (unitonly)	UQ992E
HP 4 year Next business day onsite Hardware Support for Notebooks	U9DQ6E
HP 5 year Next business day onsite Hardware Support for Notebooks	U9DR1E

Accessories

Cases and Covers

Backpacks

HP Prelude Pro Recycled Backpack	**1X644AA ★**
HP 17.3 Business Backpack	2SC67AA
HP Executive 15.6 Backpack	6KD07AA
HP Executive 17.3 Backpack	6KD05AA
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA

Cases

HP Prelude Pro Recycled Top Load	**1X645AA ★**
HP 11.6 Black Always On Case	**1D3D0AA ★**
HP 13.3 Business Sleeve	2UW00AA
HP 14.1 Business Sleeve	2UW01AA
HP 14.1 Business Slim Top Load	2SC65AA
HP 15.6 Business Top Load	2SC66AA
HP 17.3 Business Slim Top Load	2UW02AA
HP All in One Carry On Luggage	7ZE80AA
HP Executive 14.1 Slim Top Load	6KD04AA
HP Executive 15.6 Leather Top Load	6KD09AA
HP Executive 15.6 Top Load	6KD06AA
HP Executive 17.3 Top Load	6KD08AA
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA
HP Prelude Topload	1E7D7AA
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 Sleeve	3E2U7AA
HP Renew Business 15.6-inch Laptop Bag	3E5F8A6
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA

Covers

HP Renew 14 Laptop Sleeve	2E6U9AA
HP Renew 14 Laptop Sleeve	2E6V0AA
HP Reversible 11.6-inch Sleeve	7ZE81AA
HP Reversible 13.3-inch Sleeve	7ZE82AA

Docking and Port Replicators

Docking Stations

HP USB-C Travel Hub G2	**7PJ38AA ★**
HP USB-C/A Universal Dock G2	5TW13AA

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	**9SR36AA ★**
HP Slim USB Keyboard and Mouse	T6T83AA
HP USB Essential Keyboard and Mouse	H6L29AA

Mice

HP Wired Desktop 320M Mouse	**9VA80AA ★**
HP 3-button USB Laser Mouse	H4B81AA
HP Bluetooth Travel Mouse	6SP30AA
HP Comfort Grip Wireless Mouse	H2L63AA
HP USB Fingerprint Mouse	4TS44AA
HP USB Premium Mouse	1JR32AA
HP Wireless Premium Mouse	1JR31AA
HP X4000b Bluetooth Mouse	H3T50AA
USB Travel Mouse	G1K28AA

Keyboards

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

Batteries/Chargers/Adapters

Power Adapters

HP 65W USB-C Power Adapter	**1HE08AA ★**

HP 45W USB-C G2 Power Adapter	**1HE07AA ★**
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA

AC Adapters

HP USB-C Travel Power Adapter 65W	**X7W50AA ★**
HP 65W USB-C Slim Travel Power Adapter	3PN48AA

Power Packs

HP USB-C Essential Power Bank	3TB55AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA

Security and Protection

PC Locks

HP Nano Keyed Cable Lock	1AJ39AA
HP Sure Key Cable Lock	6UW42AA

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