



# HP Sales Central

## HP Chromebook 11 G9 Education Edition (408H5PA)

Active as of 15/03/2021



### 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<sup>2</sup> 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)<sup>4</sup> and undergoes MIL-STD 810H<sup>5</sup> and HP education testing.<sup>3</sup> 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<sup>8</sup>, supporting MU-MIMO<sup>10</sup> and HP Extended Range Wireless LAN<sup>11</sup> 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<sup>2</sup> and Chrome OS. Work continuously with long battery life and HP Fast Charge—charging 90% in 90 minutes.<sup>6</sup>

## 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)<sup>6,7 1</sup>

#### 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

#### Memory

4 GB LPDDR4x-4266 MHz RAM (onboard)

#### Memory layout (slots & size)

Onboard

#### Internal Storage

32 GB eMMC

**Optical drive**

Not included

**Display**

29.5 cm (11.6") diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC

**Graphics**

Integrated

**Graphics (integrated)**

Intel® UHD Graphics

**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

**Audio features**

HD audio, dual speakers, integrated microphone

**Pointing device**

Clickpad with multi-touch gesture support

**Keyboard**

Full-size island-style, spill and pick resistant keyboard

**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

**Minimum dimensions (W x D x H)**

29.5 x 20.53 x 1.88 cm

**Weight**

Starting at 1.34 kg

**Software included**

Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately)<sup>9</sup>  
<sup>10</sup><sub>1</sub>

**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>.<sup>13</sup><sub>1</sub>

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## Overview

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

## Specifications

- 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>.
- 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](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.

## Detailed Specifications

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### 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

### Audio features

HD audio, dual speakers, integrated microphone

### 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

HP Long Life 2-cell, 47 Wh Li-ion polymer

### Battery type

Li-ion

### Battery weight

0.42 lb

### Battery weight

190 g

### Bluetooth version

Bluetooth® 5.0

### Brightness

220 nits

### Code name

Hitchcock

### Color gamut

45% NTSC

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### Datasheet photo 2

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### Datasheet photo 4

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### Datasheet photo 5

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### Display

11.6" diagonal HD display

**Display**

11.6" diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC

**Display**

29.5 cm (11.6") diagonal HD display

**Display**

29.5 cm (11.6") diagonal, HD (1366 x 768), anti-glare, 220 nits, 45% NTSC

**Display brightness**

220

**Display brightness uom**

nits

**Display footnote number**

[6,7]

**Display resolution (pixels)**

1366 x 768

**Display resolution standard**

HD

**Display size (diagonal)**

11.6"

**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**

No

**Expansion slots**

1 microSD

**Expansion slots note**

Supports SD, SDHC, SDXC.

**Fingerprint reader**

Fingerprint reader not available

**Graphics**

Integrated

**Graphics (integrated)**

Intel® UHD Graphics

**Image legal disclaimer**

Product image may differ from actual product

**Internal Storage**

32 GB eMMC

**Keyboard**

Full-size island-style, spill and pick resistant keyboard

**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>.

**Memory**

4 GB LPDDR4x-4266 MHz RAM (onboard)

**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

**Minimum dimensions (W x D x H)**

29.5 x 20.53 x 1.88 cm

**Number of memory slots**

1

**Operating system**

Chrome OS™ 64

**Optical drive**

Not included

**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

**Power**

45 W USB Type-C™ adapter

**Processor**

Intel® Celeron® N4500 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 2 cores)

**Processor Brand**

Intel®

**Processor cache**

4 MB L3

**Processor core**

2

**Processor family**

Celeron®

**Processor family**

Intel® Celeron® processor

**Processor frequency technology**

Intel® Turbo Boost Technology

**Processor maximum frequency**

2.8

**Processor maximum frequency uom**

GHz

**Processor model**

N4500

**Processor name footnote number**

[6,7]

**Processor threads**

4

**Product brand name**

HP

**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

**Security management**

Nano Security lock slot; Google Titan C

**Security management footnote number**

[11]

**Service description**

HP 3-year Travel Next Business Day Notebook Only Service

**Services (Care Pack)**

This HP services offers notebook users on the go prompt, reliable coverage in major geographies of the world, for 3 years. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Software included**

Chrome Education Upgrade (Sold separately); HP Classroom Manager (Sold separately)

**Software included footnote number**

[9,10]

**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

**Sustainable impact specifications**

Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable

**Sustainable impact specifications footnote number**

[16,17]

**Tech spec footnote**

[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.

**Tech spec footnote**

[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>.

**Tech spec footnote**

[11] Lock is sold separately.

**Tech spec footnote**

[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.

**Tech spec footnote**

[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](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.

**Tech spec footnote**

[14] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

**Tech spec footnote**

[15] 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.

**Tech spec footnote**

[16] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

**Tech spec footnote**

[17] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

**Tech spec footnote**

[2] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

**Tech spec footnote**

[3] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.

**Tech spec footnote**

[4] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft 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 devices.

**Tech spec footnote**

[5] Chromecast must be purchased separately.

**Tech spec footnote**

[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.

**Tech spec footnote**

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

**Tech spec footnote**

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

**Tech spec footnote**

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



purchase of HP Classroom Manager.

**Touchscreen**

No

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**vPro enabled**

non-vPro®

**Warranty footnote number**

[13]

**Weight**

Starting at 1.34 kg

**Weight note (metric)**

Weight will vary by configuration.

**Wireless**

Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®

**Wireless antenna**

2x2

**Wireless Model**

Wi-Fi 6 AX201

**Wireless Note**

MU-MIMO and Miracast support.

**Wireless standard**

Wi-Fi 6

**Wireless supplier**

Intel®

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