HP Chromebook 11 G9 Education Edition (6J173UT)

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™
Processor family	11th Generation Intel® Core™ i7 processor
Processor	Intel® Celeron® N5100 (up to 2.8 GHz burst frequency, 4 MB L3 cache, 4 cores)[6,7]
Memory	8 GB LPDDR4x-4266 MHz RAM (onboard)
Internal Storage	64 GB eMMC
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	29.5 cm (11.6") diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 45% NTSC
Display	11.6" diagonal, HD (1366 x 768), touch, IPS, anti-glare, 220 nits, 45% NTSC[6,7]
Display size (diagonal)	29.5 cm (11.6")
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
Minimum dimensions (W x D x H)	11.61 x 8.08 x 0.74 in
Weight	Starting at 1.34 kg *(Weight will vary by configuration.)*
Weight	Starting at 2.95 lb *(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]
UPC number	(ABA) 196786015861; (ABL) 196786015878
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
Display	29.5 cm (11.6") diagonal HD touch display
Display	11.6" diagonal HD touch display
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
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
Display touchscreen type	touch screen
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader not available
Keyboard features	Pick and spill resistant
Keyboard size	Full-size
Memory and storage	8 GB memory; 64 GB eMMC storage
Memory layout (slots & size)	onboard
Memory module type	DIMM

Memory size	8
Memory size uom	GB
Memory speed	4266
Memory speed uom	MHz
Memory type	LPDDR4x
Number of memory slots	1
Playbook TS icon OS	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor base frequency	1.1
Processor cache	4 MB L3
Processor core	4
Processor family	Celeron®
Processor frequency UOM	GHz
Processor maximum frequency	2.8
Processor maximum frequency uom	GHz
Processor model	N5100
Processor threads	4
Product brand name	HP
Product long name specifications	HP Chromebook 11 G9 Education Edition, 11.6", touch screen, Chrome OS™, Intel® Celeron®, 8GB RAM, 64GB eMMC, HD
Product short name specifications	HP Chromebook 11 G9 Education Edition, 11.6", Intel® Celeron®, 8GB RAM, 64GB eMMC
Standard memory note	Transfer rates up to 4266 MT/s.
Storage capacity	64

Storage capacity uom 01	GB
Storage type	eMMC
Storage type 01	eMMC
Touchscreen	Yes
UNSPSC code	43211503
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.

Accessories

Batteries/Chargers/Adapters

★ : Recommended

Power Adapters

HP 45W USB-C LC Power Adapter	**1MZ01AA ★**
HP 65W USB-C Power Adapter	**1HE08AA ★**
HP 45W USB-C G2 Power Adapter	**1HE07AA ★**
HP 45W USB-C G2 Power Adapter	1HE07UT
HP 65W USB-C Power Adapter	1HE08UT
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

Cases and Covers

Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	**1X644AA ★**
HP Executive 15.6 Backpack	6KD07AA
HP Executive 15.6 Backpack	6KD07UT
HP Executive 17.3 Backpack	6KD05AA
HP Executive 17.3 Backpack	6KD05UT
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Prelude G2 15.6 Backpack (Bulk Qty.15)	1E7D6A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644UT
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5ET
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT

Cases

HP Prelude Pro 15.6-inch Recycled Top Load	**1X645AA ★**
HP 11.6 Black Always On Case	**1D3D0AA ★**
HP 11.6 Black Always On Case (Bulk)	1D3D0A6

HP Executive 14.1 Slim Top Load	6KD04AA	
HP Executive 14.1 Slim Top Load	6KD04UT	
HP Executive 15.6 Top Load	6KD06AA	
HP Executive 15.6 Top Load	6KD06UT	
HP Executive 17.3 Top Load	6KD08UT	
HP Mobility 11.6-inch Laptop Case	4U9G8AA	
HP Mobility 11.6-inch Laptop Case	4U9G8ET	
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA	
HP Prelude 15.6-inch Topload	1E7D7AA	
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6	
HP Prelude Pro 15.6-inch Recycled Top Load	1X645UT	
HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6	
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 Bag	3E5F9ET	
HP Renew Business 14.1-inch Laptop Bag	3E5F9UT	
HP Renew Business 15.6-inch Laptop Bag	3E5F8A6	
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA	
HP Renew Business 15.6-inch Laptop Bag	3E5F8ET	
HP Renew Business 15.6-inch Laptop Bag	3E5F8UT	
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA	
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT	
Laptop Case HP Mobility 11.6 (Bulk 10)	4U9G8A6	

Covers

HP 14.1 Business Sleeve	2UW01AA	obsolete
HP Renew 14 Laptop Sleeve	2E6U9AA	
HP Renew 14 Laptop Sleeve	2E6V0AA	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7ET	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT	
HP Reversible 11.6-inch Sleeve	7ZE81A6	
HP Reversible 11.6-inch Sleeve	7ZE81AA	
HP Reversible 13.3-inch Sleeve	7ZE82A6	
HP Reversible 13.3-inch Sleeve	7ZE82AA	

Docking and Port Replicators

Docking Stations

HP USB-C Travel Hub G2	**7PJ38AA** ★
HP USB-C Travel Hub G2	7PJ38UT

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Wired Desktop 320MK Mouse and Keyboard	**9SR36AA** ★
HP Wired Desktop 320MK Mouse and Keyboard	9SR36ET
HP Wired Desktop 320MK Mouse and Keyboard	9SR36UT
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

Mice

HP Wired Desktop 320M Mouse	**9VA80AA** ★
HP 235 Slim Wireless Mouse	4E407AA
HP 3-button USB Laser Mouse	H4B81AA
HP 3-button USB Laser Mouse	H4B81ET
HP Bluetooth Travel Mouse	6SP30AA
HP Bluetooth Travel Mouse	6SP30UT
HP Comfort Grip Wireless Mouse	H2L63AA
HP Comfort Grip Wireless Mouse	H2L63UT
HP USB Fingerprint Mouse	4TS44AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT
HP Wireless Premium Mouse	1JR31AA
HP Wireless Premium Mouse	1JR31UT
USB Travel Mouse	G1K28AA
USB Travel Mouse	G1K28ET

Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT
HP Wireless (Link-5) Keyboard	T6U20AA

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 HDMI 2.0	1WC36UT
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to RJ45 Adapter	V7W66UT
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB 3.0 Adapter	N2Z63UT
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET
HP HDMI to VGA Adapter	H4F02UT

Security and Protection

PC Locks

HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Keyed Cable Lock	1AJ39UT
HP Nano Master Keyed Cable Lock	1AJ40AA
HP Sure Key Cable Lock	6UW42AA
HP Sure Key Cable Lock	6UW42UT

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