

Overview

Business-class Chromebook featuring performance essentials

Business-class performance defines the HP Elite c640 14 inch G3 Chromebook. Drive productivity and collaboration with a powerful Intel® processor[1], Wi-Fi 6E connectivity[8], and speakers featuring Audio by Bang & Olufsen. Help protect your fleet with elevated security features, including the inherent and simple security of Chrome OS.

Productivity and collaboration

Take performance to the next level with the latest Intel® processor[1], 5MP camera, and Audio by Bang & Olufsen.

Chrome security and simplicity

Help protect and maintain device and data security with Chrome OS and other elevated security features.

Wi-Fi connectivity

Enjoy greater speed and stability on crowded networks with Wi-Fi 6E wireless[8] with extended range wireless LAN.[9]

Features

Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS. [2]

Universal connectivity and charging with USB-C™

Use the USB-CTM port to access and charge your USB-CTM accessories from your ChromebookTM or charge your ChromebookTM from any USB-CTM adapter.

Apps and content for expanded learning

Take learning in new directions with access to the Google PlayTM Store and AndroidTM apps, which include thousands of instantly shareable and easily manageable innovative education apps. [2]

[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.

- [8] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- [9] Based on internal testing of products with and without HP Extended Range Wireless LAN.
- [2] Internet access required and sold separately. Some apps may require purchase.

Specifications

Operating system	Chrome OS™
Processor family	12th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-1245U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) ^[6,7]
Memory	8 GB LPDDR4x-4266 MHz RAM (onboard)
Internal Storage	256 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, antiglare, 250 nits, 45% NTSC
Display	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% $\rm NTSC^{[10,13,14,15]}$
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by B&O, dual microphones enhanced by AI noise reduction
Minimum dimensions (W \times D \times H)	32.3 x 22.1 x 1.98 cm
Minimum dimensions (W \times D \times H)	12.71 x 8.7 x 0.77 in
Weight	Starting at 1.54 kg (Weight will vary by configuration. Does not include power adapter.)
Weight	Starting at 3.38 lb (Weight will vary by configuration. Does not include power adapter.)
Keyboard	Full-size, island-style keyboard with numeric keypad and optional backlit
Camera	5 MP camera
Ports	2 Thunderbolt [™] 4 with USB4 [™] Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort [™] 1.4); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0 ^[9] (HDMI cable sold separately.)
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power	65 W USB Type-C™ adapter ^[22]
Battery type	HP Long Life 3-cell, 58 Wh Li-ion
Security management	Nano Security lock slot; Google Titan C ^[18]
Software included	Chrome Education Upgrade (Sold separately); Chrome Enterprise Upgrade (Sold separately); Zero Touch Enrollment (sold separately) [16,17,27]
UPC number	(ABA) 196786329159; (ABL) 196786329166

Manufacturer Warranty

HP Services offers 1-year or 3-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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 .^[23]

Additional specifications

Accessories	HP Wired USB-A Stereo Headset 428K6AA; HP Renew Business17.3 Laptop Backpack 3E2U5AA; HP Universal USB-C Multiport Hub 50H55AA; HP Multi-Device 635 Black Wireless Mouse 1D0K2AA; HP 325 Chrome BT Keyboard 45U14AA
Battery brand	HP
Battery capacity	58
Battery capacity uom	Wh
Battery cells number	3
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® 5.2
Brightness	250 nits
Color gamut	45% NTSC
Display	35.6 cm (14") diagonal FHD display
Display	14" diagonal FHD display
Display bezel	narrow bezel
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	n e e e e e e e e e e e e e e e e e e e
Display size (diagonal, imperial)	14
Display size (diagonal, metric)	35.6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
Fingerprint reader	Fingerprint sensor
Keyboard backlight	backlit
Keyboard keypad	numeric keypad
Keyboard size	Full-size
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	onboard

Memory size	8	
Memory size uom	GB	
Memory speed	4266	
Memory speed uom	MHz	
Memory type	LPDDR4x	
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 cache	12 MB L3	
Processor core	10	
Processor family	Core™ i5	
Processor frequency technology	Intel® Turbo Boost Technology	
Processor generation	12th Generation	
Processor maximum frequency	4.4	
Processor maximum frequency uom	GHz	
Processor model	1245U	
Processor threads	12	
Product brand name	HP	
Product long name specifications	HP Elite c640 14 inch G3 Chromebook, 14", Chrome OS™, Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD	
Product short name specifications	HP Elite c640 14 inch G3 Chromebook, 14", Intel® Core™ i5, 8GB RAM, 256GB SSD	
Standard memory note	Transfer rates up to 4266 MT/s.	
Storage capacity	256	
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Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	No
UNSPSC code	43211503
Wireless Model	Wi-Fi 6E AX211
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit data rate
vPro enabled	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] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
- [10] HD content required to view HD images.
- [13] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- [14] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- [15] Actual brightness will be lower with touchscreen or Sure View.
- [16] 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.
- [17] HP Classroom Manager is sold separately. Control and device locking from the teacher's desktop requires purchase of HP Classroom Manager.
- [18] Lock is sold separately.
- [22] Availability may vary by country.
- [23] 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 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.
- [27] Zero Touch Enrollment Service is sold separately. Please contact your HP Sales Representative or Authorized HP Representative. 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.

Keyboards/Mice and Input Devices

★ : Recommended

Keyboards

HP 325 Chrome Bluetooth Keyboard	45U14AA ★
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Mice

HP 635 Multi-Device Wireless Mouse	1D0K2AA ★
HP Bluetooth Travel Mouse	6SP30AA ★
HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9ET
HP 125 Wired Mouse	265A9UT
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9ET
HP 128 Laser Wired Mouse	265D9UT
HP 435 Multi-Device Wireless Mouse	3B4Q5AA
HP 635 Multi-Device Wireless Mouse	1D0K2UT
HP 935 Creator Wireless Mouse	1D0K8AA
HP 935 Creator Wireless Mouse	1D0K8UT
HP Bluetooth Travel Mouse	6SP30UT
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT
HP Wireless Premium Mouse	1JR31AA
HP Wireless Premium Mouse	1JR31UT

Batteries/Chargers/Adapters

Power Adapters

HP 45W USB-C LC Power Adapter	1MZ01AA ★
HP 45W USB-C G2 Power Adapter	1HE07AA
HP 45W USB-C G2 Power Adapter	1HE07UT
HP 65W USB-C Power Adapter	1HE08AA
HP 65W USB-C Power Adapter	1HE08UT
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA

AC Adapters

HP 65W USB-C LC Power Adapter	1P3K6AA
HP 65W USB-C LC Power Adapter	1P3K6UT
HP 65W USB-C Slim Travel Power Adapter	3PN48AA
HP USB-C Travel Power Adapter 65W	X7W50AA

Battery Adapters and Chargers

HP USB-C 65W Laptop Charger	671R2AA
HP USB-C 65W Laptop Charger	671R3AA
HP USB-C 65W Laptop Charger	671R3ET
HP USB-C 65W Laptop Charger	671R3UT

Audio/Multimedia and Communication Devices

Headsets

HP Stereo USB Headset G2	428H5AA ★
HP Stereo USB Headset G2	428K6AA ★
HP Stereo 3.5mm Headset G2	428H6AA ★
HP Stereo 3.5mm Headset G2	428K7AA ★
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo 3.5mm Headset G2	428K7UT
HP Stereo USB Headset G2	428K6PT
HP Stereo USB Headset G2	428K6UT

Docking and Port Replicators

Port Replicators

HP Universal USB-C Multiport Hub	50H55AA ★
HP Universal USB-C Multiport Hub	50H98AA ★
HP USB 3.0 to Gigabit LAN Adapter	N7P47AA
HP USB 3.0 to Gigabit LAN Adapter	N7P47UT
HP Universal USB-C Multiport Hub	50H55UT

Docking Stations

HP USB-C Travel Hub G2	7PJ38AA ★
HP Thunderbolt Dock 120W G4	4J0A2AA
HP USB-C Travel Hub G2	7PJ38UT

Cases and Covers

Cases

HP Executive 14.1 Slim Top Load	6KD04AA
HP Executive 14.1 Slim Top Load	6KD04UT
HP Mobility 14-inch Laptop Case	4U9G9AA
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA
HP Prelude 15.6-inch Topload	1E7D7AA
HP Prelude 15.6-inch Topload	50P31AA
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6
HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
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
HP Renew Executive 16-inch Laptop Bag	6B8Y2AA
Laptop Case HP Mobility 14 (Bulk 10)	4U9G9A6

Backpacks

HP Executive 15.6 Backpack	6KD07AA
HP Executive 15.6 Backpack	6KD07UT
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Prelude Backpack 15.6	50P32AA
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	1X644AA
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

P7Z54AA

Covers

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 Renew Executive 14-inch Laptop Sleeve	6B8Y3AA

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 DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
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

Graphics Cards

HP USB-C to VGA Display Adapter

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 Nano Master Keyed Cable Lock	1AJ40UT
HP Sure Key Cable Lock	6UW42AA
HP Sure Key Cable Lock	6UW42UT

Monitors

Business Monitors

E-Series

HP E22 G4 FHD Monitor	9VH72A7
HP E22 G4 FHD Monitor	9VH72AA
HP E22 G4 FHD Monitor	9VH72AS
HP E22 G4 FHD Monitor	9VH72AT
HP E23 G4 FHD Monitor	9VF96A7
HP E23 G4 FHD Monitor	9VF96A8
HP E23 G4 FHD Monitor	9VF96AA
HP E23 G4 FHD Monitor	9VF96AS
HP E23 G4 FHD Monitor	9VF96AT
HP E23 G4 Without Video Cable FHD Monitor	9VF96A3
HP E24 G4 FHD Monitor	9VF99A7
HP E24 G4 FHD Monitor	9VF99AA
HP E24 G4 FHD Monitor	9VF99AS
HP E24 G4 FHD Monitor	9VF99AT
HP E24 G4 Without Video Cable FHD Monitor	9VF99A3
HP E24i G4 WUXGA Monitor	9VJ40A7
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24i G4 WUXGA Monitor	9VJ40AS
HP E24i G4 WUXGA Monitor	9VJ40AT
HP E24i G4 Without Video Cable WUXGA Monitor	9VJ40A3
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32A7
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24mv G4 FHD Conferencing Monitor	169L0AS
HP E24mv G4 FHD Conferencing Monitor	169L0AT
HP E24mv G4 FHD Conferencing Monitor	169L0E9
HP E24q G4 QHD Monitor	9VG12A7
HP E24q G4 QHD Monitor	9VG12AA
HP E24q G4 QHD Monitor	9VG12AT
HP E24t G4 FHD Touch Monitor	9VH85A7

★ : Recommended

HP E24t G4 FHD Touch Monitor	9VH85A8
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24t G4 FHD Touch Monitor	9VH85AS
HP E24t G4 FHD Touch Monitor	9VH85AT
HP E27 G4 FHD Monitor	9VG71A7
HP E27 G4 FHD Monitor	9VG71AA
HP E27 G4 FHD Monitor	9VG71AS
HP E27 G4 FHD Monitor	9VG71AT
HP E27 G4 Without Video Cable FHD Monitor	9VG71A3
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29A7
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9
HP E27q G4 QHD Monitor	9VG82A7
HP E27q G4 QHD Monitor	9VG82AA
HP E27q G4 QHD Monitor	9VG82AT
HP E27q G4 Without Video Cable QHD Monitor	9VG82A3
HP E27u G4 QHD USB-C Monitor	189T3A7
HP E27u G4 QHD USB-C Monitor	189T3AA
HP E27u G4 QHD USB-C Monitor	189T3AT

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