HP Pro c645 Chromebook Enterprise (2Z5S7UT)

Overview

The enterprise-ready Chromebook. Powerful, stylish, intuitive.

Easily work in the cloud with the ultrathin HP Pro c645 Chromebook Enterprise. An impressive AMD processor[1] and HP Privacy Camera, combined with full ChromeOS[3] manageability and security, provide peace of mind for IT.

Polished, pro-class portability

Exude class wherever you go with an aluminum-exterior device that's stylish and easy to carry. It's also built to last, undergoes MIL-STD 810H testing[4], and has a keyboard that resists spills up to 350 ml (12 oz) of water.[5]

Connect with intuitive, dynamic features

Easily collaborate and work in multiple tabs with the impressive graphic performance of an AMD processor[1], 180° lie-flat chassis, built-in 88° HD camera, and Audio by B&O. Enjoy stable connectivity with HP Extended Range Wireless LAN[6].

Enterprise-grade security and manageability made simple

Deter remote camera hacking with the HP Privacy Camera. Save time and money and simplify IT's day with the fully secure, manageable Chrome Enterprise Upgrade and Google Admin console[3].

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-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.[2]

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[1] 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. AMD's numbering is not a measurement of clock speed.

[3] Single Chrome Enterprise Upgrade included. Requires one-time setup. Please see https://support.google.com/a/topic/1409901.

[4] 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 Service.

[5] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack Service.

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

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

Specifications

Operating system	ChromeOS
Product color	Pike silver aluminum
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 3700C (2.3 GHz base clock, up to 4.0 GHz max boost clock, 4 MB L3 cache, 4 cores)[6,7]
Memory	16 GB DDR4-2666 MHz RAM (onboard)
Internal Storage	128 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC
Display	14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC[8,9]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by B&O, dual stereo speakers
Minimum dimensions (W x D x H)	32.4 x 22.1 x 1.65 cm
Minimum dimensions (W x D x H)	12.75 x 8.7 x 0.64 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, backlit, spill and pick resistant keyboard
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD privacy camera
Ports	2 USB Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 1.4; 1 stereo headphone/microphone combo jack *(HDMI cable sold separately.)*
Expansion slots	1 microSD
Package dimensions (W x D x H)	6.9 x 44.9 x 30.5 cm
Wireless	Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5.2 wireless card, non-vPro®
Power	65 W USB Type-C™ adapter[14,15]
Battery type	HP Long Life 3-cell, 58 Wh Li-ion
Battery weight	0.49 lb
Battery weight	220 g

Sustainable impact specifications	2% post-consumer recycled plastic; Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Security management	Nano Security lock slot; Google Titan C[12,20]
Software included	Google One; Chrome Enterprise Upgrade[10,11]
UPC number	(ABA) 195697135859; (ABL) 195697135866
Manufacturer Warranty	HP Services offers 1-year and 3-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 battery. Refer to https://www8.hp.com/us/en/privacy/limited_warranty.html 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.[16]

Additional specifications

Accessories	HP USB-C Travel Dock G2 7PJ38AA; HP USB-C/A Universal Dock G2 5TW13AA; HP E244d Monitor 6PA50AA; HP Bluetooth Travel Mouse 6SP30AA; HP Sure Key Cable Lock 6UW42AA
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.
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.0
Brightness	250 nits
Camera resolution (vertical)	720p
Camera resolution standard	HD
Color gamut	45% NTSC
Display	14" diagonal FHD display
Display	35.6 cm (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	"
Display size (diagonal, imperial)	14
Display size (diagonal, metric)	35,6
Display size (diagonal, metric) uom	cm
Display surface treatment	anti-glare
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader
Keyboard backlight	backlit
Keyboard features	Pick and spill resistant
Keyboard size	Full-size

Memory and storage	16 GB memory; 128 GB SSD storage
Memory layout (slots & size)	onboard
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Package dimensions (W x D x H)	2.71 x 17.67 x 12 in
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	AMD
Processor base frequency	2.3
Processor cache	4 MB L3
Processor core	4
Processor family	Ryzen™ 7
Processor frequency UOM	GHz
Processor maximum frequency	4.0
Processor maximum frequency uom	GHz
Processor model	3700C
Processor threads	8
Product brand name	HP
Product long name specifications	HP Pro c645 Chromebook Enterprise, 14", Chrome OS™, AMD Ryzen™ 7, 16GB RAM, 128GB SSD, FHD
Product short name specifications	HP Pro c645 Chromebook Enterprise, 14", AMD Ryzen™ 7, 16GB RAM, 128GB SSD

Standard memory note	Transfer rates up to 2666 MT/s.
Storage capacity	128
Storage capacity uom 01	GB
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 6 AX200
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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[8] FHD/HD content required to view FHD/HD images.

[9] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[10] 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

[11] Chrome Enterprise Upgrade requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see https://support.google.com/a/answer/60216.

[12] Lock is sold separately.

[14] Recharges the battery up to 90% within 90 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

[15] Availability may vary by country.

[16] 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.

[20] HP Fingerprint Sensor is an optional feature and requires configuration at purchase.

Monitors

Business Monitors

★ : Recommended

P-Series

HP P24h G4 FHD Monitor	**7VH44AA ★**
HP P22 G4 22 FHD Monitor	1A7E4AA
HP P22h G4 FHD Monitor	7UZ36AA
HP P22h G4 FHD Monitor	7UZ36AT
HP P24 G4 24 FHD Monitor	1A7E5AA
HP P24q G4 QHD Height Adjust Monitor	8MB10AA
HP P24v G4 Monitor	9TT78AA
HP P27h G4 FHD Monitor	7VH95AA
HP P27q G4 QHD Height Adjust Monitor	8MB11AA
HP P27v G4 Monitor	9TT20AA

E-Series

HP E14 G4 Portable Monitor	1B065AA
HP E22 G4 FHD Monitor	9VH72AA
HP E23 G4 FHD Monitor	9VF96AA
HP E24 G4 FHD Monitor	9VF99AA
HP E24i G4 WUXGA Monitor	9VJ40AA
HP E24mv G4 FHD Conferencing Monitor	169L0AA
HP E24q G4 QHD Monitor	9VG12AA
HP E24t G4 FHD Touch Monitor	9VH85AA
HP E24u G4 FHD USB-C Monitor	189T0AA
HP E27 G4 FHD Monitor	9VG71AA
HP E27q G4 QHD Monitor	9VG82AA
HP E27u G4 QHD USB-C Monitor	189T3AA

EliteDisplays

HP EliteDisplay E243m 23.8-inch Monitor	1FH48AA
HP EliteDisplay E273m 27-inch Monitor	1FH51AA

Business LCD Monitors

HP P204v 19.5-inch Monitor	5RD66AA

Z Displays

HP Z24f G3 FHD Display	3G828AA	
HP Z24n G3 WUXGA Display	1C4Z5AA	
HP Z24u G3 WUXGA USB-C Display	1C4Z6AA	
HP Z25xs G3 QHD USB-C DreamColor Display	1A9C9AA	
HP Z27k G3 4K USB-C Display	1B9T0AA	
HP Z27q G3 QHD Display	1C4Z7AA	
HP Z27u G3 QHD Display	1B9X2AA	
HP Z27xs G3 4K USB-C DreamColor Display	1A9M8AA	
HP Z32 31.5-inch 4K UHD Display	1AA81A4	obsolete
HP Z38c 37.5-inch Curved Display	Z4W65A4	
HP Z43 42.5-inch 4K UHD Display	1AA85A4	

Accessories

Cases and Covers

Backpacks

HP Prelude Pro 15.6-inch Recycled Backpack	**1X644AA ★**
HP Prelude 15.6-inch Backpack	**2Z8P3AA ★**
HP Prelude Backpack 15.6	**1E7D6AA ★**
HP Prelude Backpack 15.6	**50P32AA ★**
HP Executive 15.6 Backpack	6KD07AA
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
HP Renew Executive 16-inch Laptop Backpack	6B8Y1AA
HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6B8U6AA
HP Travel 18 Liter 15.6 Iron Grey Laptop Backpack	6H2D9AA
HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6B8U4AA
HP Travel 25 Liter 15.6 Iron Grey Laptop Backpack	6H2D8AA

Cases

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

Covers

HP Renew Business 14.1-inch Laptop Sleeve	3E2U7A6
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

Security and Protection

PC Locks

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

Privacy Filter

HP 14-in Privacy Filter	J6E65AA

Keyboards/Mice and Input Devices

Mice

HP 3-button USB Laser Mouse	H4B81AA	obsolete
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	
HP X4000b Bluetooth Mouse	H3T50AA	

| USB Travel Mouse | G1K28AA |

Keyboards

HP Wired Desktop 320K Keyboard	9SR37AA
HP Wired Desktop 320K Keyboard	9SR37ET
HP Wired Desktop 320K Keyboard	9SR37UT

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

Batteries/Chargers/Adapters

AC Adapters

| HP 45W USB-C LC Power Adapter | 1MZ01AA |
| HP USB-C Travel Power Adapter 65W | X7W50AA |

Power Adapters

| HP Pavilion USB-C to HDMI 2.0 Adapter | 2PC54AA |

Point of Sales System Options

POS Display Accessories

HP Engage One 10.1-inch Display	1XD80AA
HP Engage One 10.1-inch Touch Display	1XD81AA
HP Engage One W 10.1-inch Display	3FH66AA
HP Engage One W 10.1-inch Touch Display	3FH67AA

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
HP External USB DVDRW Drive	F2B56ET
HP External USB DVDRW Drive	F2B56UT
HP USB External DVD-RW Writer	Y3T76AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET
HP HDMI to VGA Adapter	H4F02UT
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 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 VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

Audio/Multimedia and Communication Devices

Headsets

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	428H5AA
HP Stereo USB Headset G2	428K6AA
HP Stereo USB Headset G2	428K6PT
HP Stereo USB Headset G2	428K6UT

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W G4	4J0A2AA
HP Thunderbolt Dock 120W G4	4J0A2ET

Port Replicators

HP USB-C Travel Hub G2	7PJ38AA

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