### **ProductSheet**

## HP Pro c645 Chromebook (2Z5S3UT)



## An elegant Chromebook built for power and security

Effortlessly run the projects and meetings of your day with the fast and stylish HP Pro c645 Chromebook.
Efficiently connect and collaborate with an impressive AMD processor[1] and HP Privacy Camera for security.



#### Polished, pro-class portability

Exude class wherever you go with an aluminum-exterior Chromebook that's sleek and easy to carry. Collaborate and engage on the 14-inch diagonal screen with a 180° lay-flat hinge.

#### Secure inside and out

Deter remote camera hacking with the HP Privacy Camera. Built to last, this device undergoes MIL-STD 810H testing[3] and has a keyboard that resists spills up to 350 ml (12 oz).[4]

## Intuitive business-ready features

Easily collaborate and work in multiple tabs with the impressive graphic performance of an AMD Processor[1], 180° lie-flat chassis, built-in camera, and Audio by B&O. Enjoy stable connectivity with HP Extended Range Wireless LAN[5].

#### **Featuring**

## Simplify deployments

Get a low-maintenance experience with the automatic software updates and virus protection of the Chrome OS.  $^{\rm [6]}$ 

## Universal connectivity and charging with USB-C™

Use the USB-C<sup>TM</sup> port to access and charge your USB-C<sup>TM</sup> accessories from your Chromebook<sup>TM</sup> or charge your Chromebook<sup>TM</sup> from any USB-C<sup>TM</sup> 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. <sup>[6]</sup>

# **Specifications**

Operating system	Chrome OS™	
Product color	Pike silver aluminum	
Processor family	AMD Athlon™ Silver processor	
Processor	AMD Athlon™ Silver 3050C (2.3 GHz base clock, up to 3.2 GHz max boost clock, 4 MB L3 cache, 2 cores, 2 threads) [6,7]	
Memory	4 GB DDR4-2666 SDRAM (onboard)	
Internal Storage	32 GB eMMC	
Optical drive	Not included	
Graphics	Integrated	
Graphics (integrated)	AMD Radeon™ Graphics	
Display	35.6 cm (14") diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC	
Display	14" diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC <sup>[8,9]</sup>	
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, spill and pick resistant keyboard	
Pointing device	Clickpad with multi-touch gesture support	
Camera	720p HD privacy camera	
Ports	2 USB Super Speed Type-C® 5Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 2 Super Speed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo; 1 HDMI 1.4 (HDMI cable sold separately.)	
Expansion slots	1 microSD	
Wireless	Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®	
Power	45 W USB Type-C™ adapter <sup>[14,15]</sup>	
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 <sup>[12,19]</sup>	
Software included	Google One; Chrome Enterprise Upgrade (Sold separately) <sup>[10,11]</sup>	
UPC number	(ABA) 195697136504; (ABL) 195697136511	
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. <sup>[16]</sup>	

## **Top Recommended Displays, Accessories and Services**

P-Series	
HP P24h G4 FHD Monitor	7VH44AA
Value Displays	
HP P244 23.8-inch Monitor	5QG35AA
Docking Stations	
HP USB-C/A Universal Dock G2	5TW13AA
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
Cases	
HP Executive 14.1 Slim Top Load	6KD04AA
Mice	
HP Comfort Grip Wireless Mouse	H2L63AA
Power Adapters	
HP 45W USB-C G2 Power Adapter	1HEO7AA
PC Locks	
HP Sure Key Cable Lock	6UW42AA
HP Nano Keyed Cable Lock	1AJ39AA

#### **Messaging Footnotes**

- [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] 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.
- [4] 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
- [5] Based on internal testing vs. previous generation product with 802.11ac wireless LAN module.
- [6] Internet access required and sold separately. Some apps may require purchase.

#### **Technical Specifications Footnotes**

- [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 is sold separately and 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.
- [19] HP Fingerprint Sensor is an optional feature and requires configuration at purchase.

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