Data sheet

HP Elite c640 14 inch G3 Chromebook Enterprise

Enterprise-class Chromebook featuring performance essentials

Experience Chromebook simplicity with enterprise-grade features for enhanced productivity, collaboration, and security. The latest Intel® processor[1] and connectivity, coupled with ChromeOS and other security options, help keep you productive and protected.



*Product image may differ from actual product

Productivity and collaboration

- Take performance to the next level and enable essential apps[2] with up to 512GB SSD[3] and 16GB memory[4]—powered by the latest Intel® processor.[1] Collaborate seamlessly and present yourself professionally with a 5MP camera and Audio by Bang & Olufsen.

Chrome security and simplicity

- Help protect and maintain device and data security with ChromeOS auto updates until June 2030, anti-virus protection[5], HP Privacy Camera, and optional HP Sure View Reflect[6], fingerprint sensor, and Smart Card Reader.[7]

Stay connected and effective

- Enjoy greater speed and stability on crowded networks with Wi-Fi 6E wireless[8] with extended range wireless LAN[9] and optional 4G LTE connectivity.[10] Long battery life and HP peripherals help you and your Chromebook keep up with hectic workdays.
- Whether on a conference call, recording video, or taking photos, the 5MP camera brings exceptional clarity and contrast to your images, even in low light environments.
- Help speed up demanding business applications with the latest Intel® processor. Coupled with up to 16GB memory and 512GB SSD storage, this next-gen processor supports your multitasking and productivity needs—working across varied apps.[1,3,4]
- Keep up with the demands of your business with enhanced security supported by multi-key total memory encryption, long battery life, and remote device management with optional Intel® vPro® technology.[4,11]
- Seamlessly connect and charge your Chromebook and USB-C® accessories with two Thunderbolt™ USB-C® ports—one on each side of the keyboard.[12]
- Get rich, authentic, crystal-clear sound. AI-based noise reduction noise-filtering technology and HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, provide an enhanced audio and video conferencing experience.[13]
- Attain fast and secure authentication in Chrome or virtual desktop infrastructure computing environments with an optional smart card reader and fingerprint sensor.[7]
- Never wonder if someone is watching you with the added peace of mind that comes from the integrated HP Privacy Camera, which has a physical shutter to protect you from malicious surveillance.
- Instantly block prying eyes' ability to view your screen with optional HP Sure View Reflect that makes your screen unreadable from the side and includes low blue light for added comfort.[6]
- Stay connected. 4G LTE delivers fast data uploads and transfers from almost anywhere, while Wi-Fi 6E and enhanced Bluetooth® connectivity provide greater speed and stability on crowded networks.[8,10]
- Long battery life helps you keep working without plugging in. When your battery does run low, you can quickly recharge your PC with HP Fast Charge. You'll get up to 90% battery life in just 90 minutes of charging.[14]
- Experience seamless device integration with the included Chrome Enterprise Upgrade. Get 300+ policies for user, device, and fleet management and support for Active Directory and your VDI and enterprise mobility management solutions.[15,16]
- Empower users with maximum Windows productivity—accessing full-featured legacy apps—even offline. Parallels® Desktop for HP Chrome Enterprise brings Windows to Chrome devices with simple, secure deployment, management, and use.[17]

HP Elite c640 14 inch G3 Chromebook Enterprise Specifications Table





*Product image may differ from actual product

Available Operating Systems	ChromeOS (with Chrome Enterprise Upgrade)[29]
Processor family	Intel® Pentium® processor; Intel® Celeron® processor; 12th Generation Intel® Core™ i3 processor; 12th Generation Intel® Core™ i5 processor; 12th Generation Intel® Core™ i7 processor
Available Processors[2,3,4,25]	Intel® Core™ i3-1215U with Intel® UHD Graphics (1.2 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads); Intel® Core™ i5-1235U (1.3 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads); Intel® Core™ i7-1255U (1.7 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads); Intel® Pentium® Gold 8505 with Intel® UHD Graphics (1.2 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 5 cores, 6 threads); Intel® Celeron® 7305 with Intel® UHD Graphics (1.1 GHz base frequency, 8 MB L3 cache, 5 cores, 6 threads); Intel® Core™ i5-1245U (1.6 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads), supports Intel® vPro® Technology; Intel® Core™ i7-1265U (1.8 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads), supports Intel® vPro® Technology
Maximum memory	16 GB LPDDR4X-4266 SDRAM [26] Onboard memory. Supports Dual Channel Memory.
Internal storage	up to 64 GB eMMC[5] 128 GB up to 512 GB PCIe® NVMe™ M.2 SSD[5]
Display size (diagonal, metric)	35.6 cm (14")
Display	14" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 14" diagonal, FHD (1920 x 1080), touch, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 400 nits, low power, 72% NTSC; 14" diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC; 14" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 1000 nits, 72% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease[10,13,14,15] 35.6 cm (14") diagonal, HD (1366 x 768), narrow bezel, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 400 nits, low power, 72% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 1000 nits, 72% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease [10,13,14,15]
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xᵉ Graphics[10,11] (Support HD decode, DX12, HDMI 2.0.)
Audio	Audio by B&O, dual microphones enhanced by AI noise reduction
Wireless technologies	(Chromecast support)
Memory card device	1 microSD (optional)
Ports and Connectors	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.0[9] ; (HDMI cable sold separately.)
Input devices	Spill resistant, full-size, optional backlit, textured, flint silver Chrome keyboard[12]; Clickpad with multi-touch gesture support;
Communications	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® [6,7,8,25]; Intel® XMM™ 7360 LTE Advanced Cat 9 ;
Camera	5 MP privacy camera [10]
Software	Chrome Enterprise Upgrade; Zero Touch Enrollment (sold separately); [17,27]
Security management	Nano Security lock slot; Google Titan C;[18]
Fingerprint reader	Fingerprint sensor (select models)
Power	HP Smart 65 W USB Type-C® adapter; HP Smart 45 W USB Type-C® adapter[22]
Battery type	HP Long Life 3-cell, 58 Wh Li-ion[20,21]
Dimensions	12.71 x 8.7 x 0.77 in; 32.3 x 22.1 x 1.98 cm
Weight	Starting at 3.38 lb; Starting at 1.54 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available[24]
Energy star certified (series fixed)	ENERGY STAR® certified
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 .

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Accessories and services (not included)

HP E24mv G4 FHD Conferencing Monitor



Make a great impression on video calls on this 23.8-inch full HD conferencing monitor. The integrated, 5MP tilt-adjustable pop-up webcam displays a sharp, detailed picture – even in low light – and the built-in speakers and mic produce clear, life-like sound. Everything you need to present your best self on every call. [1]
Product number: 169L0AA
[1] Based on HP's internal analysis of monitor series with webcams. Most advanced based on physical integration, camera angle tile, Windows Hello IR sensor, minimum 5MP and as privacy pop-up as of 5/28/2021.
[2] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

HP USB-C to HDMI 2.0



Collaborate on the fly in conference rooms, team rooms, and more when your project your notebook or mobile device's high-definition video and audio content to an external display, TV or projector with the HP USB-C to HDMI 2.0 Adapter.
Product number: 1WC36AA

HP Prelude Pro 15.6-inch Recycled Top Load



Commute with a stylish and durable top load thoughtfully designed with the environment in mind and made with recycled fabric[1]. The HP Prelude Pro Recycled Top load comes with safety features for your peace of mind when you carry your devices from work to home and beyond.
Product number: 1X645AA
[1] Top load external surface made of 65% recycled fabric.
[2] Power bank sold separately.

HP 235 Wireless Mouse and Keyboard Combo



Experience a keyboard and mouse combo that's comfortable, sleek and quiet. Now you can be at your most efficient with the least amount of noise. Plus, with keyboard shortcuts and long-lasting batteries, you can stay productive all day long.
Product number: 1Y4D0AA
[1] Wireless connectivity up to 32.8ft (10m).
[2] Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.

HP Thunderbolt Dock 120W G4



Boost your security, productivity, and connectivity with this Thunderbolt™ 4 dock. It protects your network and devices from the moment you log in, supports multi-OS compatibility[1], and can support up to four 4K displays[2]. Ideal for ITDMs and hybrid workers, this dock also makes home or office device management easy.
Product number: 4J0A2AA
[1] Backward compatible with USB-C® alt mode, ports will work at USB-C® alt mode speeds which are dependent on host specifications.
[2] For USB-C® alt mode functionality, host PC must support Thunderbolt™ 3 or Thunderbolt™ 4.

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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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[2] Google apps for business not included, may require separate purchase.
[3] Up to 512GB is an optional feature that must be configured at purchase. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 48.64GB is not user accessible.
[4] Optional feature that must be configured at the time of purchase.
[5] See https://support.google.com/chrome/a/answer/6220366?hl=en for more information.
[6] HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at the time of purchase and is designed to function in landscape orientation.
[7] Fingerprint sensor and Smart Card Reader are optional features that must be configured at the time of purchase.
[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.
[10] WWAN is an optional feature, requires factory configuration and separately purchased service contract. Check with service provider for coverage and availability in your area. 4G LTE not available on all products, in all regions.
[11] For full Intel® vPro® functionality, ChromeOS R99 or after, a vPro supported processor, vPro enabled wired LAN and/or WLAN card, Wi-Fi 6E and H1 Security Chip are required. Some functionality requires additional 3rd party software in order to run.
[12] Sold separately or as an optional feature.
[13] Requires the myHP application.
[14] 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.
[15] Single Chrome Enterprise perpetual license included. Requires one-time setup and subscription. See https://support.google.com/chrome/a/answer/1375694?hl=en&ref_topic=9028500 for more information.
[16] 3rd party licenses required and sold separately.
[17] Requires Intel® Core™ i5 or i7 processor, minimum 8 GB RAM, and 128 GB storage. One-year Parallels® Desktop license. License renewal required for use after the one-year license period. Chrome Enterprise Upgrade required. Microsoft® Windows license required and not included.

Technical Specifications Footnotes

[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] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[5] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.1 GB is not user available.
[6] 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.
[7] Chromecast must be purchased separately.
[8] WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[9] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
[10] HD content required to view HD images.
[11] Intel® Iris® Xᵉ Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xᵉ Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.
[12] Backlit keyboard is an optional feature.
[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.
[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.
[19] HP Fingerprint sensor is an optional feature that must be configured at purchase.
[20] 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.
[21] 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 speed will return to normal. Charging time may vary +/-10% due to System tolerance.
[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.
[24] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[25] Intel vPro® requires Chrome OS R99 or after, a vPro supported processor, vPro enabled wired LAN and/or WLAN card, Wi-Fi 6E and H1 Security Chip are required. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .
[26] Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
[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.
[28] Select skus are ENERGY STAR® certified.
[29] Single Chrome Enterprise Upgrade included. Requires one-time setup, subscription, Google Admin Console, and your organization's domain. Please see https://support.google.com/a/answer/60216
[30] Testing conducted by HP using Google Chrome OS power_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage and battery optimization activation. See http://www.chromium.org/chromium-os/testing/power-testing for test details.

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