Data sheet

HP Chromebox G4

Breakthrough performance. ChromeOS simplicity

The compact HP Chromebox G4 delivers the flexibility and inherent security of ChromeOS[1] with scalable storage and up to an Intel® Core™ i7 processor.[2] Fast, stable Ethernet and Wi-Fi 6E3 allow use at a kiosk, as a cloud-based office computer, and more.

*Product image may differ from actual product

Powered for the cloud

- Get the most from your cloud experience with a stable Ethernet and Wi-Fi 6E connection[2], up to a 13th Gen Intel® Core™ i7 processor[1], 32GB of memory[4], and 256GB of PCIe storage.[4,5]

Compact, versatile design

- Ideal for areas with limited spaces, this Chromebox easily fits on your desk, or can be mounted behind monitors, on kiosks, carts, and more.[6] Increase productivity with support for up to three 4K displays[7] with 2 HDMI ports and a USB-C® port.

Easily secured and managed

- Confidently share this Chromebox among multiple users with the inherently secure ChromeOS[8], helping protect device and data.
- Work without worry on the low-maintenance ChromeOS that has multi-layered safeguards with automatic software updates through June 2030, third-party app verification, virus protection, sandboxing, encryption, and verified boot.[8]
- The reliability of a fast connection can determine where you work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6E.[2,11]
- Get the power and performance of up to a 13th gen Intel® Core™ i7 processor to complete tasks with the ability to open and use multiple apps and browse windows simultaneously.[1]
- Free up your workspace with an impressively small and contoured design. Mount the HP Chromebox G4 behind select HP monitors or lift the whole solution and mount on a wall or arm.[6,12,13]
- Complete work tasks with multiple ports. With two integrated HDMI ports and a USB-C® port, you can connect accessories and up to three 4K displays. Choose from a variety of HP accessories available to meet your computing needs.[7,13]
- Install multiple apps and on-device virtualization on a Chromebox built for enhanced performance with up to 32GB memory4 and store more information locally with up to 256GB SSD storage.[4,5,16]
- Use the included traditional barrel-type power adapter or an optional USB-C® adapter, whichever functions best in your work environment.[17]
- Get the most out of your investment by setting up a single Chromebox to support multiple users performing varied tasks. Users can bootup in seconds and get to work, then simply sign out to protect their data and allow transition to another user.
- Sign into your Citrix-supported VDI session and effortlessly work in the cloud with a smooth performance experience. Efficiently deploy across your fleet on this Citrix-ready Chromebox.[18]

HP Chromebox G4 Specifications Table



*Product image may differ from actual product

Available Operating Systems	ChromeOS
Processor family	Intel® Celeron® processor; 13th Generation Intel® Core™ i7 processor; 13th Generation Intel® Core™ i5 processor; 13th Generation Intel® Core™ i3 processor
Available Processors[8,9]	Intel® Core™ i5-1335U (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.4 GHz E-core Max Turbo frequency, up to 4.6 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads); Intel® Core™ i7-1365U (1.3 GHz E-core base frequency, 1.8 GHz P-core base frequency, up to 3.9 GHz E-core Max Turbo frequency, up to 5.2 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads); Intel® Core™ i3-1315U with Intel® UHD Graphics (0.9 GHz E-core base frequency, 1.2 GHz P-core base frequency, up to 3.3 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 10 MB L3 cache, 2 P-cores and 4 E-cores, 8 threads); Intel® Core™ i5-1345U (1.2 GHz E-core base frequency, 1.6 GHz P-core base frequency, up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 12 threads), supports Intel® vPro® Technology; Intel® Celeron® 7305U with Intel® UHD Graphics (1.1 GHz base frequency, 8 MB L3 cache, 5 cores, 5 threads)
Form factor	Mini
Maximum memory	32 GB DDR4-3200 SDRAM [2]
Memory slots	2 SODIMM
Internal storage	up to 64 GB eMMC 5.0[3] up to 256 GB PCIe® NVMe™ M.2 SSD[3]
Available Graphics	Integrated: Intel® UHD Graphics; Intel® Iris® Xᵉ Graphics (Integrated graphics will depend on processor.)
Audio	Realtek ALC5682I-VS codec, internal beeper, combo microphone/headphone jack
Memory card device	1 3-in-1 SD card reader
Ports and connectors	Front: 2 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo ; Rear: 2 USB Type-A 10Gbps signaling rate; 2 HDMI 2.0; 1 RJ-45; 1 power connector; 1 USB Type-C® 10Gbps signaling rate (Power Delivery, DisplayPort™)
Communications	LAN: Integrated 10/100/1000 GbE ; WLAN: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card ;
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 10 to 90% RH;
Security management	Standard lock slot;
Power	90 W external power adapter, up to 85% efficiency; 65 W external power adapter, up to 85% efficiency[5]
Dimensions	5.87 x 5.87 x 1.57 in; 14.93 x 14.93 x 4 cm
Ecolabels	EPEAT® registered[6]
Sustainable impact specifications	Low halogen[7]
What's in the box	Documentation; External power supply; HP Chromebox

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Messaging 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] 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.
[4] Optional feature that must be configured at the time of purchase.
[5] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8.0 GB is not user available.
[6] Mounting hardware sold separately.
[7] 4K monitor sold separately and not included. 4K content required to view 4K images.
[1] See https://support.google.com/chrome/a/answer/6220366?hl=en for more information.
[9] Google Admin console sold separately.
[11] Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
[12] Monitor sold separately. See monitor QuickSpecs for bracket guidance.
[13] Sold separately or as an optional feature.
[16] Internet access required and sold separately. Some apps may require purchase.
[17] USB-C® power adapter is not included and sold separately. Intel® Core™ i processors require a 90W adapter. Intel® Celeron processors require a 65W adapter.
[18] Third-party Citrix software sold separately.

Technical Specifications Footnotes

[2] Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs.
[3] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 5.1 GB of the eMMC are dedicated/allocated to the Chrome OS™ and OS partitions.
[4] Wireless access point required and sold separately. Availability of public wireless access points limited.
[5] Not all power supplies are available in every region. 65W is for Intel® Celeron® only, while 90W is for Intel® i5 and i7 only.
[6] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[7] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[8] Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost capability. Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[9] 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.

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