**Datasheet**

# HP Collaboration PC G4

## Super simple collaboration.

Meet with colleagues across town and around the world in an instant with the HP Collaboration PC, optional Intel Unite® solution[3], and your choice of display[4] and collaboration accessories[4] that make it easier than ever to conference, show and share documents, and more.

## HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- HP Sure Start Gen4[2]

**Timesaver conferencing**
- Skip the time spent cabling and working with multiple software settings and get right to your meeting. Just enter your PIN and launch the optional Intel Unite® solution.[3] It's that easy!

**Show and tell**
- Boost productivity by collaborating with remote and local teams using real-time screen sharing and document annotation.

**No host required**
- Start immediately with a solution that doesn't need a host to initiate the conference.

**Featuring**
- Get blazing fast collaboration power from Windows 10 Pro, your choice of 8th Gen Intel® Core™ processors up to 95W, and integrated Intel® or optional discrete AMD graphics.[1,5,4,6,4,7]
- Get a highly secure and manageable PC that has the self-healing protection of HP Sure Start Gen4, and easily manage devices with HP Manageability Integration Kit.[2,9]
- Place your PC with the integrated VESA mount; add audio and enhance collaboration with optional HP UC Speaker Phone, HP Conferencing Keyboard, HP UC Wireless Duo Headset or HP ShareBoard.[10,4,4,4,4]
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4 that automatically recovers the BIOS.[2]
- Quickly and securely restore PCs to the latest image using a network connection with optional HP Sure Recover.[11]
- Keep your critical applications and processes running even if malware tries to shut them down with the self-healing protection of HP Sure Run.[12]
- Help protect your PC from websites, attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.
- The HP Manageability Integration Kit helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.
- Keep data out of reach and defend against theft, attacks, and unauthorized users with HP Client Security Manager Gen4.

# HP Collaboration PC G4
# Specifications Table



| | |
|---|---|
| **Form Factor** | Mini |
| **Available Operating System** | Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1]<br>Windows 10 Home 64[1]<br>Windows 10 Home Single Language 64[1]<br>FreeDOS 2.0 |
| **Available Processors[3,35]** | Intel® Core™ i7-8700 with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i3-8100 with Intel® UHD Graphics 630 (3.6 GHz, 6 MB cache, 4 cores); Intel® Core™ i7-8700K with Intel® UHD Graphics 630 (3.7 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i5-8600K with Intel® UHD Graphics 630 (3.6 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5-8500 with Intel® UHD Graphics 630 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i7+ 8700 (3.2 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i7-8700T with Intel® UHD Graphics 630 (2.4 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i5-8600 with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5+ 8600 (3.1 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5-8600T with Intel® UHD Graphics 630 (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5+ 8600T (2.3 GHz base frequency, up to 3.7 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5+ 8500 (3 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5-8500T with Intel® UHD Graphics 630 (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i5+ 8500T (2.1 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i3-8300 with Intel® UHD Graphics 630 (3.7 GHz, 8 MB cache, 4 cores); Intel® Core™ i3-8300T with Intel® UHD Graphics 630 (3.2 GHz, 8 MB cache, 4 cores); Intel® Core™ i3-8100T with Intel® UHD Graphics 630 (3.1 GHz, 6 MB cache, 4 cores); Intel® Pentium® Gold G5600 with Intel® UHD Graphics 630 (3.9 GHz, 4 MB cache, 2 cores); Intel® Pentium® Gold G5500T with Intel® UHD Graphics 630 (3.2 GHz, 4 MB cache, 2 cores); Intel® Core™ i5+ 8600K (3.6 GHz base frequency, up to 4.3 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores); Intel® Core™ i7+ 8700K (3.7 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Pentium® Gold G5500 with Intel® UHD Graphics 630 (3.8 GHz, 4 MB cache, 2 cores) |
| **Chipset** | Intel® Q370 |
| **Maximum Memory** | Up to 32 GB DDR4-2666 SDRAM [26,27]<br>Standard memory note: Transfer rates up to 2666 MT/s. |
| **Memory slots** | 2 SODIMM |
| **Internal Storage** | 500 GB up to 1 TB 7200 rpm SATA HDD[28]<br>up to 2 TB 5400 rpm SATA HDD[28]<br>up to 500 GB 7200 rpm SATA SED Opal 2 HDD[28]<br>128 GB up to 512 GB SATA SSD[28]<br>256 GB up to 512 GB SATA SED Opal 2 SSD[28]<br>128 GB up to 512 GB PCIe® NVMe™ M.2 SSD[28]<br>128 GB up to 1 TB PCIe® NVMe™ TLC M.2 SSD[28] |
| **Available Graphics** | Integrated: Intel® UHD Graphics 610; Intel® UHD Graphics 630 |
| **Audio** | Conexant CX20632 codec, universal audio jack and headphone front ports (3.5 mm), multi-streaming capable |
| **Communications** | LAN: Intel® I219LM GbE<br>WLAN: Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, non-vPro™; Intel® Dual Band Wireless-AC 9560 802.11ac (2x2) and Bluetooth® 5 M.2, vPro™[29] |
| **Expansion Slots** | 1 M.2 2230; 2 M.2 2230/2280; 2 PCIe 3 x1<br>(1 M.2 slot for WLAN and 2 M.2 2230/2280 slot for storage.) |
| **Ports and Connectors** | Front: 1 headphone; 1 headset connector; 1 USB 3.1 (charging); 1 USB 3.1 Gen 2; 1 USB 3.1 Type-C™ Gen 2 (fast charging)<br>Rear: 1 configurable video port; 1 external antenna connector; 1 power connector; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 3.1 Gen 1; 2 USB 3.1 Gen 2[34]<br>Optional: 1 serial |
| **Internal Drive Bays** | One 2.5" HDD |
| **Input Device** | HP USB Conferencing Keyboard; HP USB Business Slim Keyboard; HP USB Business Slim Smart Card (CCID) Keyboard<br>HP USB 1000 dpi Laser Mouse; HP USB Optical Mouse |
| **Available Software** | Absolute Persistence module; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Jumpstart; HP Noise Cancellation Software; HP PhoneWise; HP Recovery Manager; HP Secure Erase; HP Support Assistant; HP Sure Click; HP Velocity; Intel® Unite™ with Skype for Business plug-in; Microsoft Defender; Native Miracast Support; HP Wireless Wakeup; Buy Office (sold separately); HP WorkWise; HP Sure Recover[6,7,8,9,10,11,12,13,14] |
| **Security Management** | DriveLock; Hood sensor; HP Credential Manager; HP Device Access Manager; HP Password Manager; HP Power On Authentication; HP Security Manager; HP Spare Key; Intel® Identity Protection Technology (Intel® IPT); Power-on password (via BIOS); SATA port disablement (via BIOS); Serial enable/disable (viaBIOS); Setup password (via BIOS); Support for chassis padlocks and cable lock devices; USB enable/disable (via BIOS); USB port disable at factory (optional); HP Sure Start Gen 4; Master Boot Record Security; HP Client Security Suite Gen 4; Pre-boot Authentication; HP Sure Run; Fingerprint reader; Parallel enable/disable (via BIOS); Serial enable/disable (via BIOS); Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified)(FIPS 140-2 Level 2 Certified)[18,19,20,21,22,23,33] |
| **Management Features** | HP BIOS Config Utility (download); HP Client Catalog (download); HP Driver Packs (download); HP Management Integration Kit for Microsoft System Center Configuration Management Gen 2; HP System Software Manager (download); Ivanti Management Suite; Update BIOS via Cloud or Network (BIOS feature)[15,16,17] |
| **Power** | 65 W external power adapter, up to 89% efficiency; 90 W external power adapter, up to 89% efficiency |
| **Dimensions** | 17.7 x 17.5 x 3.4 cm |
| **Weight** | 1.05 kg (System weight may fluctuate due to configuration and manufacturing variances.) |
| **Environmental** | Low halogen[5] |
| **Energy Efficiency Compliance** | ENERGY STAR® certified; EPEAT® Gold[4] |
| **Warranty** | 3 year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply. |

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## Accessories and services (not included)

**HP PCIe NVME TLC 256GB SSD M.2 Drive**

Revolutionize large file handling and response times with HP PCIe NVME TLC 256GB SSD M.2 Drive, a remarkably affordable and innovative PCIe-based NVMe memory SSD storage solution.
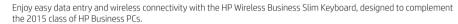**Product number: 1CA51AA**

**HP B300 PC Mounting Bracket**

Customize an altogether better solution with the HP B300 PC Mounting Bracket, which lets you attach your HP Workstation, HP Desktop Mini, HP Chromebox or select HP Thin Client directly behind select 2017 and 2018 HP EliteDisplays and HP Z Displays.[1]
**Product number: 2DW53AA**

**HP Wireless Slim Business Keyboard**

Enjoy easy data entry and wireless connectivity with the HP Wireless Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.
**Product number: N3R88AA**

**HP Keyed Cable Lock 10 mm**

Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks.
**Product number: T1A62AA**

**HP 5 year Next business day Onsite Desktop Only Hardware Support**

Receive 5 years of next business day onsite HW Support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
**Product number: U7899E**

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## Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[2] HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
[3] Sold as a configurable option at the time of purchase.
[4] Sold separately or as an optional feature.
[5] 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.
[6] Intel® UHD 630 or 610 Graphics available as a standard configuration.
[7] AMD Radeon™ RX560 only available on models with a 35W processor.
[9] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.
[10] Mounting hardware sold separately.

## Technical specifications disclaimers

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com/.
[3] Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com.
[4] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. See HP's 3rd party option store for solar energy accessory at www.hp.com/go/options.
[5] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[6] HP Sure Erase is for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method.
[7] Absolute Persistence module: Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
[8] Native Miracast Support: is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[9] HP ePrint Driver + JetAdvantage: requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
[10] HP Support Assistant: requires Windows and Internet access.
[11] HP PhoneWise: HP PhoneWise Client is only available on select platforms. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise
[12] Microsoft Defender Opt in and internet connection required for updates.
[13] HP Sure Recover with Embedded Reimaging is an optional feature that must be configured at purchase and is available on select HP Elite PCs. Not available on platforms with multiple internal storage drives, Intel® Optane™. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.
[14] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer, Google Chrome, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode. Check http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW for all compatible platforms as they become available.
[15] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[16] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
[17] Ivanti Management Suite subscription required.
[18] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
[19] HP Password Manager requires Internet Explorer or Chrome or FireFox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
[20] HP Fingerprint Sensor available on 800 G4 AiO touch models and optional on 800 G4 AiO non-touch models.
[21] Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
[22] HP Sure Start Gen4 is available on HP Elite and HP Pro 600 products equipped with 8th generation Intel® or AMD processors.
[23] HP Sure Run is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
[24] Intel® Optane™ memory (cache) is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
[26] For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2133 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.
[27] All memory slots are customer accessible / upgradeable.
[28] For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 36 GB (for Windows 8.1/10) of system disk is reserved for the system recovery software.
[29] Wireless access point and internet service required. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
[33] Intel® Identity Protection Technology (Intel® IPT): Models configured with Intel® Core™ processors have the ability to utilize advanced security protection for online transactions. Intel® Identity Protection Technology (Intel® IPT) used in conjunction with participating web sites, provides double identity authentication by adding a hardware component in addition to the usual user name and password. Intel® Identity Protection Technology (Intel® IPT) is initialized through an HP Client Security module.
[34] (1) configurable video port: Choice of DisplayPort™ 1.2, HDMI® 2.0, or VGA, Type-C™ Card with Display Output, Type-C™ Card with Display Output and Power Delivery.
[35] 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.

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