



HP Engage One Pro All-in-One G2 System

Ultra-sleek and fast for exceptional experiences

Introducing the All-in-One system designed for demanding healthcare environments to keep your patients, clinicians, and staff, safe. It combines a sleek yet durable design with powerhouse computing and offers an abundance of deployment options so you can tailor it to your specific healthcare requirements.



Durability you need. Security you can trust.

This system is built to endure. HP Engage One Pro G2 is backed by military standard testing and resists dust and liquid intrusion (IP44 rated)¹. HP Wolf Security for Business creates a hardware-enforced, always-on defense against modern threats.²



Fast performance for ultra-smooth interactions

Enable fast, seamless interactions with up to an Intel® Core™ i7 processor³, 64GB DDR5 memory, 8 TB NVME M.2 SSD storage, and WiFi7⁴. Manage your system remotely with optional Intel® vPro™.



Deploy it your way

Computer on wheels, desk arm or stand, wall mount⁵, or kiosk. Three screen sizes. Portrait or landscape. Choose the setup that best suits your needs. From full range tilt and height adjustability to ports for accessories, it's the All-in-One system that can be deployed how you want it.



Get cloud-first performance and proactive security with ChromeOS. Manage devices easily from the cloud-based Google Admin console and provide clinicians with fast, secure access to the web-based apps they rely on.



Tested for compatibility with Imprivata Onesign®, Imprivata Confirm ID®, and Imprivata Mobile Device Access® to provide full confidence that they can support clinical computing workflows that customers are reliant on.



Have the confidence to know that adding IGEL® endpoint OS technology into your IT infrastructure will be fast and easy, to the benefit of both your end-users and IT team.

Designed for demanding environments

- 14th Gen Intel® processors, from Celeron to core i7.
- Fully serviceable, flexible configurations, and embedded peripheral options.
- NFC, fingerprint reader, and face recognition to enable fast logging.
- Water rejection and glove-capable touch technology.
- Resists liquid intrusion (IP44), disinfectable with medical grade wipes⁸.
- Long 5-year manufacturing lifecycle, and up to 10-year service life.



Durability you need. Security you can trust

- This system is designed to pass rigorous military standard testing⁷, IP 44 rating to resist dust and liquid intrusion, and withstand frequent sanitization⁸. It meets standards for IEC 60601-1-2.
- Select from a full ecosystem of optional accessories, designed to attach flush to the screen and preserve the sleek design while providing needed functionality¹¹.
- Run demanding software solutions with a 14th generation Intel® Core™ processor that delivers powerful performance and productivity⁹.
- Built for sustainability, with ocean-bound and recycled plastics and recycle-friendly metals¹².
- Our premium anti-glare FHD touchscreen, offered in 15.6", 19.5", and 23.8" diagonal, boasts up to 625 nits of brightness for crystal clear legibility under any lighting conditions⁹.
- Go ahead and plan with a five-year product lifecycle and up to 10-year service life, delivering the consistency you need for staggered rollouts.
- HP's most advanced security features come standard including HP BIOSphere Gen with automatic updates and security checks and HP Wolf Pro Security, HP Sure Start, HP Sure Run, HP Sure Click, and more^{13,14,15}.
- The latest in heat management brings you an optimized thermal design, which keeps your system cool and optimizes energy efficiency, all while running whisper quiet.
- Tested for full compatibility with Imprivata Onesign®, Imprivata Confirm ID®, and Imprivata Mobile Device Access® to provide full confidence that they can support clinical computing workflows that customers are reliant on.
- Enhance and streamline patient experiences with a purposefully-crafted, highly versatile self service solution. The HP Engage Express delivers powerful performance in a sleek, highly customizable footprint to configure the ideal solution for your environment.

Connectivity Hubs and Stands



VESA Hub



Column Hub and Advance Hub



Column Stand
Pro Stand, Pro G2
Advanced Stand



HP Engage Express kiosk



AIO Desk Stand

Key Features and Accessories



Embedded Fingerprint Reader



Companion Touch Display
6.9", 10", 14", 16"



NFC Card Reader



Embedded Barcode Scanner



HP Engage USB Extender



HP AI Accelerator M.2 Card

HP Engage One Pro G2 AiO System: Technical Specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 10 IoT Enterprise 2021 LTSC ¹ Windows 11 IoT Enterprise 2024 LTSC ¹ ChromeOS Flex ² FreeDOS 3.0 SUSE Linux® Enterprise Server 15
Processor family ³	Intel® Core™ i7 14th generation processor Intel® Core™ i5 14th generation processor Intel® Core™ i3 14th generation processor Intel® Celeron® G Series processor
Available Processors ^{1,3,4,5}	Intel® Celeron® G6900TE with Intel® UHD Graphics 710 (2.4 GHz P-core base frequency, 4 MB L3 cache, 2 P-cores, 2 threads) Intel® Core™ i7-14700T with Intel UHD Graphics 770 (0.9 GHz E-core base frequency, 1.3 GHz P-core base frequency, up to 3.7 GHz E-core MaxTurbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 33 MB L3 cache, 8 P-cores and 12 E-cores, 28 threads), supports Intel® vPro® Technology Intel® Core™ i5-14500T with Intel UHD Graphics 770 (1.2 GHz E-core base frequency, 1.7 GHz P-core base frequency, up to 3.4 GHz E-core MaxTurbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 24 MB L3 cache, 6 P-cores and 8 E-cores, 20 threads), supports Intel® vPro® Technology Intel® Core™ i3-14100T with Intel UHD Graphics 730 (2.7 GHz P-core base frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3cache, 4 P-cores, 8 threads)
Maximum memory	64 GB DDR5-5600 MT/s; ⁶ Transfer rates up to 5600 MT/s.
Internal storage ⁵	256 GB to up to 4 TB PCIe® NVMe SSD First drive 256 GB to up to 4 TB PCIe® NVMe SSD Second drive ⁷
Display ^{15,16}	15.6" (39.6 cm) diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC 19.5" (49.5 cm) diagonal, FHD (1920 x 1080), touch, VA, anti-glare, 450 nits, 72% NTSC 23.8" (60.5 cm) diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 625 nits, 72% NTSC
Available graphics	Integrated: Intel® UHD Graphics 730; Intel® UHD Graphics 770; Intel® UHD Graphics 710 ¹⁴
Audio	Integrated HD audio with Realtek ALC3247 codec with standards internal speakers and stereo headphone jack, 2W
Expansion slots	1 M.2 2230 ²²
Ports and connectors	Display head: 2 USB Type-A 5Gbps signaling rate (HP Sleep and Charge), 2 USB Type-A 5Gbps signaling rate, 1 audio-out, 1 USB Type-C® 10Gbps signaling rate (140W USB Power Delivery, DisplayPort™) ⁸ Side: 1 security lock slot ⁹ Internal: 1 USB Type-A 5Gbps signaling rate ¹⁰ Optional Ports (Choose one of the following connectivity hubs) Advance hub: 1 cash drawer connector, 3 USB 2.0 Type-A, 2 power serial, 4USB Type-A 10Gbps signaling rate, 1 RJ-45, 1 DC connector, 1 USB Type-C® 5Gbps signaling rate (27 W USB Power Delivery, Alt ModeDisplayPort™), 1 USB Type-C® (140 W USB Power Delivery, Data Transfer) Column hub: 3 USB Type-A 10Gbps signaling rate, 1 RJ-45, 1 DCconnector, 2 USB 2.0 Type-A, 1 USB Type-C® 5Gbps signaling rate (27 W USB Power Delivery, Alt Mode DisplayPort™), 1 USB Type-C® (140 WUSB Power Delivery, Data Transfer) VESA hub: 3 USB Type-A 10Gbps signaling rate, 1 RJ-45, 1 DC connector, 2 USB 2.0 Type-A, 1 USB Type-C® 5Gbps signaling rate (27 W USB Power Delivery, Alt Mode DisplayPort™), 1 USB Type-C® (140 W USB Power Delivery, Data Transfer) Combination of Advance hub with Column hub, combination of Advance hub with VESA hub. Hubless - 1 USB 2.0 Type-A ^{8,13}
Communications	LAN: Intel® I219-LM GbE, vPro® Realtek RTL8153CH GbE ⁹ WLAN: Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, vPro® Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®; NFC Mirage WNC XRAV-1 ^{11,12}
Drive Bays	Two M.2

Environmental	Operating temperature: 10 to 40°C; Operating humidity: 20 to 85% RH
Software	HP PC Hardware Diagnostics UEFI HP Support Assistant HP Connection Optimizer ²⁰ HP Privacy Settings HP PC Hardware Diagnostics Windows HP Desktop Support Utilities myHP ²¹ HP QuickDrop Touchpoint Customizer for Commercial HSA Fusion for Commercial HSA Telemetry for Commercial
Security management	Trusted Platform Module TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified) HP Sure Start ²⁸ HP Secure Erase HP Sure Click ²⁴ HP Sure Sense ²⁵ Absolute Persistence Module ³⁰ HP Sure Admin ¹⁹ HP BIOSphere Gen6 ²⁹ HP Client Security Manager Gen7 HP Tamper Lock ²³ HP Sure Run Gen6 ²⁷ HP Platform Certificate Seamless Firmware Update Service Secured-core PC capable Windows Hello Enhanced Sign-in Security (ESS) Enable
Security Software Licenses	HP Wolf Pro Security Edition ³¹
Management features	Intel® vPro® with AMT 11.0 TPM 2.0 HP System Software Manager (SSM) HP Image Assistant HP Client Security Manager ¹⁷
Power	280 W external Smart AC power adapter, up to 89% efficiency, active PFC (advance hub) 230 W external Smart AC power adapter, up to 89% efficiency, active PFC (column hub) 230 W external Smart AC power adapter, up to 89% efficiency, active PFC (VESA hub) 150 W external Smart AC power adapter, up to 89% efficiency, active PFC (hubless)
Dimensions (AiO with VESA hub)	15.6": 15.7 x 9.5 x 2.2 in (39.7 x 24.1 x 5.08 cm) 19.5": 19.5 x 11.5 x 2.2 in (49.5 x 29.3 x 5.38 cm) 23.8": 22.7 x 13.4 x 2.2 in (57.6 x 34 x 5.08 cm) For other configurations, consult the platform QuickSpecs
Weight (AiO with VESA hub)	15.6": 8.6 lb (3,91 kg) 19.5": 13.8 lb (6,24 kg) 23.8": 16.2 lb (7,34 kg) For other configurations, consult the platform QuickSpecs
Ecolabels	EPEAT® Gold with Climate+ ³²
Sustainable impact specifications	Low halogen, 25% ITE-derived closed loop plastic, 75% post-consumer recycled plastic, 80% recycled aluminum in the rear plate, 15% recycle SGCC steel chassis, 50% ocean-bound plastic in fan enclosure ^{33,34,35}

HP Engage One Pro G2 AiO System: Configurable Features and After Market Options

Fingerprint reader	Optional integrated fingerprint reader. Also available as After Market Option
Barcode reader	The optional integrated scanner streamlines your workflows, while offering placement options, acceptance of various barcodes and coupons, and enhanced features for an easier, more accessible scanning experience. Also available as After Market Option
Magnetic stripe reader	Optional integrated magnetic stripe reader. Also available as After Market Option
HP All-in-One Adjustable Height Stand	Optimize viewing of the Engage One Pro 23.8" All-in-One system with the HP All-in-One Adjustable Height Stand. Available in either black or white, this stand allows for height adjustment, tilt, and pan.

Messaging Footnotes

1. Liquid intrusion IP44 rating only applies to head unit. MIL-STD-810G testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental requires an optional HP Accidental Damage Protection Care Pack.
2. HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.
3. 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.
4. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
5. Mounting hardware is sold separately.
6. Tested by up to 10,000 wipes with germicidal towelettes over 3 years. See the user guide for cleaning instructions. Tested with Sani-ClothR HB Germicidal Disposable Wipe (EPA Reg. No. 61178-4-9480), Sani-ClothR Plus Germicidal Disposable Cloth (EPA Reg. No. 9480-6), Sani-ClothR AF3 Germicidal Disposable Wipes (EPA Reg. No. 9480-9), Super Sani-ClothR Germicidal Disposable Wipes (EPA Reg. 9480-4), CaviWipesR (EPA Reg. No. 46781-8), Clorox HealthcareR Bleach Germicidal Wipes (EPA Reg. No. 67619-12), WindexR Electronic Wipes and PDI Easy ScreenR Cleaning Wipe.
7. MIL-STD-810G testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) 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.
8. 10th Gen IntelR Processors are an optional feature that must be configured at purchase. Multicore is designed to improve the performance of certain software products. Not all customers or software applications will necessarily benefit from the 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.
9. Actual brightness will be lower with a touch screen.
10. HP Easy Clean disables computer touchscreen for a set amount of time to allow cleaning of all surfaces of the device.
11. Optional features are sold separately or as add-on features.
12. 5% ocean-bound plastics in the speaker enclosure. 50% of the plastics in the product are made from recycled plastics. 100% of the Aluminum in the product is recyclable.
13. HP BIOSphere Gen6 features may vary depending on the platform and configuration.
14. HP Sure Click requires Intel Core i3, i5, i7, or i9 processors, Windows 10 Pro, or Win 10 IoT Enterprise 2019 LTSC; and is not supported on Win 10 IoT Enterprise 2016 LTSC. See https://bit.ly/2PrLT6A_SureClick for complete details.
15. HP Sure Run, Sure Recover & Sure Sense are supported on Win 10 Pro & Win 10 IoT Enterprise 2019 LTSC; but not on Win 10 IoT Enterprise 2016 LTSC.

Technical Specifications 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. ChromeOS Flex does not support the integrated NFC module.
3. 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.
4. Intel® UHD Graphics 710 on Celeron G6900TE, Intel® UHD Graphics 730 on core i3 and core i5; Intel® UHD Graphics 770 on Core i7.
5. 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. See <http://www.intel.com/technology/turboboost> for more information.
6. 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.
7. For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
8. HP 140W port only compatible with the 140W cable included with the product. Cable required for the HP Engage One Pro to operate.
9. LAN - in Retail I/O Connectivity Base.
10. Internal Port is next to the M.2 port.
11. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
12. 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. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
13. Minimum one connectivity hub is required.
14. UHD content required to view UHD images.
15. Actual brightness will be lower with touch screen.
16. For further details please refer to Quick Specs document.
17. HP Client Security Manager Gen7 requires Windows.
18. HP Sure Admin requires Windows 10 or 11 Pro or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

- 19. HP Sure Admin requires Windows 10 or 11 Pro or higher, HP BIOS, HP Manageability Integration Kit from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
- 20. HP Connection Optimizer requires Windows 10 and Windows 11.
- 21. myHP requires Windows OS.
- 22. Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. 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.
- 23. HP Tamper Lock must be enabled by the customer or your administrator.
- 24. HP Sure Click requires Intel Core i3, i5, or i7 processor, Win 11 Pro, Windows 10 Pro or Windows 11 IoT Enterprise 2024, Win 10 IoT Enterprise 2019 LTSC; and is not supported on Win 10 IoT Enterprise 2016 LTSC. See <https://bit.ly/2Pr1T6A> SureClick for complete details.
- 25. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- 26. ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- 27. HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
- 28. HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
- 29. HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- 30. 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.
- 31. HP Wolf Security for Business requires Windows 10 or 11 Pro or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features.
- 32. EPEAT® Gold with Climate+ registered configurations available. See www.epeat.net for registration status and tier levels by country.
- 33. External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen. Standard configurations meet the low halogen specifications, however some custom feature components may not meet the same Low Halogen standard. A standard configuration includes display head, Engage Pro stand, stability plate and I/O Connectivity Base.
- 34. Percentage of ocean-bound plastic contained in each component varies by product.
- 35. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.



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