

HP Engage One Pro AIO 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.



Every detail is crafted with intention

Purposeful design meets sophisticated craftsmanship in a sleek, aluminum frame, in Black and White¹, with hidden cable management to keep your space clutter-free. Experience full visibility under any light with a bright, up to 625 nits, anti-glare touchscreen².



Fast performance for ultra-smooth interactions

Push productivity to the limit with up to a 10th Gen Intel® Core™ i9 processor³ and optimized thermals, delivering fast, seamless customer interactions while running whisper quiet. And with optional Intel® vPro®, you can manage your system remotely⁴.



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.

Designed for demanding environments

- 10th Gen 65W Intel® processors, from Celeron to core i9
- NFC, fingerprint reader, and face recognition to enable fast logging
- Resists liquid intrusion (IP44), disinfectable with medical grade wipes⁸
- Fully serviceable, flexible configurations, and embedded peripheral options
- Water rejection and glove-capable touch technology
- 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 testing⁶, IP 44 rating to resist dust and liquid intrusion, and withstand frequent sanitization⁸. It meets standards for IEC 60601-1-2 (EMC standard for medical electrical equipment and medical electrical systems). Advanced security features come standard, to help keep your data, devices, patients, clinicians, and staff, safe and protected⁷.
- Run demanding software solutions with a 10th generation Intel® Core™ processor that delivers powerful performance and productivity⁹.
- 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 conditions².
- HP Easy Clean¹⁵ provides the ability to disinfect the entire device without having to put it to sleep or power it off. It temporarily disables input such as the keyboard, touchscreen, and click pad to avoid inadvertent input while wiping it down.
- Select from a full ecosystem of optional accessories, designed to attach flush to the screen and preserve the sleek design while providing needed functionality¹⁰.
- Built for sustainability, with ocean-bound and recycled plastics and recycle-friendly metals¹¹.
- 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.^{12,13,14}
- 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.

Connectivity Hubs and Stands



VESA Hub



Column Hub

Advance Hub

Column Stand
(Pro, Performance
& Vertical)



Pole Mount

AIO Desk Stand



Key Features and Accessories



Embedded Fingerprint Reader

Companion Touch Display
6.6", 10", 14", 16"



NFC Card Reader

Embedded Barcode Scanner



Handheld Barcode Scanner

Keyboard and Mouse IP65



HP Engage One Pro AIO System Specifications Table

Available Operating Systems ¹	Windows 11 Pro 64-bit Windows 10 IoT Enterprise 2019 LTSC 64 ¹ Android™ 11 FreeDOS 2.0 SUSE Linux® Enterprise Desktop 12 (certification only)
Processor Family	10th Generation Intel® Core™ i9 processor; 10th Generation Intel® Core™ i7 processor; 10th Generation Intel® Core™ i5 processor; 10th Generation Intel® Core™ i3 processor; Intel® Pentium® processor; Intel® Celeron® processor
Available Processors ^{2,3,8}	Intel® Celeron® G5900E with Intel® UHD Graphics 610 (3.2 GHz base frequency, 2 MB L3 cache, 2 cores); Intel® Pentium® Gold G6400E with Intel® UHD Graphics 610 (3.8 GHz base frequency, 4 MB L3 cache, 2 cores); Intel® Core™ i3-10100E with Intel® UHD Graphics 630 (3.2 GHz base frequency, up to 3.8 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i7-10700E with Intel® UHD Graphics 630 (2.9 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores), supports Intel® vPro® Technology; Intel® Core™ i5-10500E with Intel® UHD Graphics 630 (3.1 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores), supports Intel® vPro® Technology; Intel® Core™ i9-10900E with Intel® UHD Graphics 630 (2.8 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 20 MB L3 cache, 10 cores), supports Intel® vPro® Technology
Chipset	Intel® Q470E
Product Color	Ebony Black or Ceramic White
Maximum memory ⁴	64 GB DDR4-2666 SDRAM Transfer rates up to 2666 MT/s
Memory slots	2 SODIMM
Internal storage ⁵	128 GB up to 1 TB PCIe® NVMe™ SSD 5
Display ^{12,14}	15.6" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 400 nits, 45% NTSC; 19.5" diagonal, FHD (1920 x 1080), touch, VA, anti-glare, 450 nits, 72% NTSC; 23.8" diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, 625 nits, 72% NTSC
Available graphics ⁷	Integrated: Intel® UHD Graphics 610; Intel® UHD Graphics 630
Audio	Integrated HD audio with Realtek ALC3247 codec with standard internal speakers and stereo headphone jack, 2W
Expansion slots	1 M.2 2230 ⁶
Ports and connectors ^{17,29,20}	USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port; Column hub: [3 SuperSpeed USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port]. Vesa hub: [3 SuperSpeed USB Type-A 10Gbps signaling rate, 1 RJ-45 USB NIC, 1 DC connector, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate (27W USB Power Delivery, Alt Mode DisplayPort™), 1 140W data port]. Combination of Advance hub with Column hub; Combination of Advance hub with VESA hub
Communications	LAN: Intel® I219-LM GbE, vPro®; Realtek RTL8153AH GbE ¹⁸ ; WLAN: Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro®; Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro® ¹⁶ ; NFC Mirage WNC XRVA-1
Drive Bays	Two M.2
Environmental	Operating temperature: 10 to 40°C; Operating humidity: 20 to 85% RH;
Software	HP Credential Guard; HP Device Guard; HP Support Assistant; HP BIOSphere with HP Sure Start Generation 6.0 ⁹
Security management ^{11,15}	HP Wolf Pro Security; HP Sure Sense: HP Sure Click (Standard); HP Sure Admin; HP MIK (SCCM Integration); HP Image Assistant; HP BIOSphere with Sure Start Gen6; HP Client Security Manager Gen7; HP Sure Recover Gen3; HP Sure Run Gen3
Fingerprint reader	Fingerprint reader (select models)
Management features	Intel® vPro® with AMT 11.0; TPM 2.0; HP System Software Manager; HP Image Assistant; HP Client Security Manager
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)
Dimensions	39.76 x 2.64 x 24.1 cm (head landscape); 39.76 x 2.64 x 24.1 cm (head portrait); 49.48 x 2.94 x 29.26 cm (head landscape); 49.48 x 2.94 x 29.26 cm (head portrait); 60.50 x 2.94 x 33.99 cm (head landscape); 60.50 x 2.94 x 33.99 cm (head portrait); 15.2 x 1.0 x 15.2 cm (performance and pro stand) (Stand only)
Weight	0.06 kg (performance and pro stand); 3.37 kg (15.6" display models); 5.70 kg (19.5" display models); 6.8 kg (23.8" display models)
Certification and compliance	EN 60601-1-2:2015
Sustainable impact specifications ITE-derived closed loop plastic; Low Halogen ^{10,21,22,23}	Ocean-bound plastic in speaker enclosure; 50% post-consumer recycled plastic; 25%
Barcode reader	Optional HP Engage One Pro integrated BCS
Magnetic stripe reader	Optional integrated magnetic stripe reader; Single-head, bi-directional, and encryption capable

Accessories and Services (not included)

HP USB Keyboard and Mouse	Make the most of your workspace with the sleek, white, IP 65-rated ¹ HP USB Keyboard Mouse Healthcare Edition and Mouse Healthcare Edition, which simplify patient data entry and are easy to keep clean. ² Product number: 1VD81AA Footnotes: 1. IP 65 test results not a guarantee of future performance under these test conditions. Damage under the test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack. 2. See user guide for specific agents and cleaning instructions.
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. Product numbers: 518U6AA (black), 518U7AA (white)
HP Engage One All-in-One System Call-to-Repair 24-hour 7-day coverage Retail Point Of Sale Solution Hardware Support	Choice of service levels to meet specific business needs. For more information on Care Pack services, please visit www.hp.com/go/cpc . Product number: UM202E

HP Engage One Pro All-in-One System

Messaging Footnotes

- 1 White is only available in 15.6".
- 2 Actual brightness will be lower with a touch screen.
- 3 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.
- 4 vPRO support requires either an Intel Core i5 or Core i7 processor and vPRO WLAN Card.
- 5 Mounting hardware is sold separately.
- 6 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.
- 7 HP Total Test Process 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 Tested by up to 10,000 wipes with germicidal towelettes over 3 years. See the user guide for cleaning instructions. Tested with Sani-Cloth® HB Germicidal Disposable Wipe (EPA Reg. No. 61178-4-9480), Sani-Cloth® Plus Germicidal Disposable Cloth (EPA Reg. No. 9480-6), Sani-Cloth® AF3 Germicidal Disposable Wipes (EPA Reg. No. 9480-9), Super Sani-Cloth® Germicidal Disposable Wipes (EPA Reg. 9480-4), CaviWipes® (EPA Reg. No. 46781-8), Clorox Healthcare® Bleach Germicidal Wipes (EPA Reg. No. 67619-12), Windex® Electronic Wipes and PDI Easy Screen® Cleaning Wipe.
- 9 10th Gen Intel® 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.
- 10 Optional features are sold separately or as add-on features.
- 11 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.
- 12 HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- 13 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.
- 14 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.
- 15 HP Easy Clean disables computer touchscreen for a set amount of time to allow cleaning of all surfaces of the device.

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 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.
- 3 Your product does not support Windows 8 or Windows 7. By 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 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 a lower memory speed.
- 5 For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. The actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
- 6 Wireless cards are optional or add-on features and require separately purchased wireless access points and internet service. The availability of public wireless access points is 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.
- 7 Intel® HD Graphics 610: integrated on Celeron™ G3965U; Intel® HD Graphics 620: integrated on 7th gen Core™ i7/i5/i3 processors.
- 8 For full Intel® vPro® functionality, Windows 10 Pro 64 bit, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or WLAN card and TPM 2.0 are required. Some functionality requires additional 3rd party software to run. See <http://intel.com/vpro>
- 9 HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 6 requires Intel® 10th generation processors. HP BIOSphere Gen6 features may vary depending on the platform and configuration.
- 10 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 a display head, Engage Pro stand, stability plate, and I/O Connectivity Base.
- 11 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.
- 12 Actual brightness will be lower with a touch screen.
- 13 LAN -in Retail I/O Connectivity Base.
- 14 For further details please refer to the Quick Specs document.
- 15 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.
- 16 Wireless access points and Internet service are required and sold separately. The availability of public wireless access points is limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.
- 17 Internal Port is next to the M.2 port
- 18 For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
- 19 HP 140W port is only compatible with the 140W cable included with the product. Cable required for the HP Engage One Pro to operate.
- 20 Minimum one connectivity hub is required
- 21 Percentage of ocean-bound plastic contained in each component varies by product.
- 22 Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- 23 ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard. Sign up for updates at hp.com/go/getupdated