Solution Brief

HP Engage for Healthcare

Powering the needs of healthcare organizations and enabling better patient experiences safely, securely, and efficiently.

Healthcare providers require reliable, consistent technology to support clinicians, run complex applications, and most importantly, interact with patients. Whether in the 24x7 non-stop activity of a hospital, or outside the acute care setting in a doctor's office, or during a telehealth consultation, technology is essential to patient care.

HP Engage long lifecycle products provide the stability, safety, and security you need today plus the flexibility and performance designed to help support your future needs.

Support your safety standards

Be ready for the next patient or user with devices that can be disinfected using medical grade wipes[1] and are EMC compliant[2] enabling you to use them safely in healthcare facilities.

Help keep data and devices secure

Ensure patient data and devices are protected with HP's security suite, BIOS-level protection, multi-factor authentication and device lockdown options.[3]
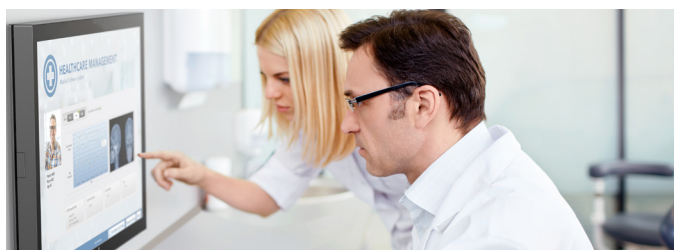
Accomplish tasks with flexible configurations

Deploy technology where you need it, with a range of mobile and fixed devices offering long lifecycles, powerful processors and connectivity options.[4]

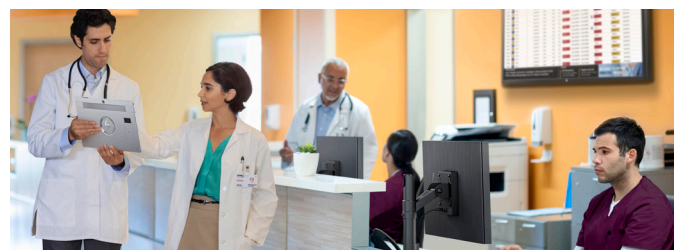| Challenges	How HP Engage devices can help		
Patient safety	EMC Compliant[2]	Disinfectable[1]	Hardened Design
Patient data and security	Multi-Layered Security[3]	Performance	Configurable
Patient experience	Form Factors	Mobile	Modern Design
Compliance complexity	Long Lifecycle[5]	Global Availability	
Increasing costs	HP Total Testing[6]	Configurable	Low TCO

Use Cases

HP Engage devices have many applications within healthcare, where technology is relied upon by both medical staff and patients.

Clinical setting – bedside and office visits

From onsite to telemedicine, clinicians need technology at their fingertips as they interact with patients. HP Engage fixed devices can be mounted to a wall or on a cart for bedside consultation. The mobile tablets can be carried from room to room.
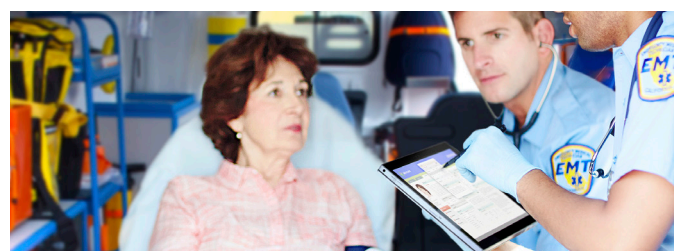

Administration and patient data management

Whether at the nurses' station in a hospital or the reception area of a clinic, HP Engage devices can be safely and securely used to view and edit patient charts, manage patient intake, process payments and insurance claims, and conduct clinician consultations.

Pharmacy – point of sale and back office

Pharmacy workflows include dispensing prescriptions, processing customer transactions and insurance claims, and managing inventory and other back-office tasks. HP Engage solutions are available in a range of form factors and configurations to accommodate pharmacy needs.
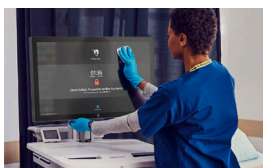

Ambulance – mobile

Ambulance crews need to securely capture sensitive patient information on-the-go and under challenging conditions. HP Engage Go tablets are lightweight and ruggedized with long battery life, helping these professionals deliver life-saving services when and where it's needed.

Deliver better patient experiences with devices built to withstand the demands of healthcare environments. From managing patient data and handling insurance claims to organizing staff schedules, the HP Engage long lifecycle products rise to the challenge with an exceptional level of safety, security, and performance.

Disinfectable and Meets EMC Standards

For patient and staff safety, HP Engage devices can be disinfected up to 10,000 times with medical-grade wipes[1] and are certified to meet EN/IEC 60601-1-2 standards[2] to prevent electromagnetic interference with other devices.

Long Lifecycle

To increase consistency and reduce operating validation and service costs, HP Engage products carry up to a 10-year manufacturing and service lifecycle[5] and offer OS versions with stable feature sets and extended lifecycles (i.e., Windows LTSC).

High Security

Safeguard sensitive patient data and avoid costly breaches with a leader in data and computer security through HP's proprietary BIOS and a set of tools that provide layers of protection below, in, and above the OS to proactively prevent threats and quickly recover in the event of a breach.

The Power You Need

Future-proof your investment with powerful computing options[4], including modern processors and components capable of working with a variety of software and devices to support future use cases such as Virtual Reality (VR) for assisted surgeries and interactive staff training.

Rugged and Reliable

Fast-paced, 24/7 environments call for rugged construction and high-quality components. HP Engage products undergo over 100,000 hours of testing through the HP Total Test Process[6] and include a 3-year, next-business-day on-site warranty.[7]

Flexible Sizes, Placement, and Connectivity

Technology requirements are not one-size-fits-all and different uses drive different needs for form factor, connectivity, and compatibility. HP Engage devices offer multiple configurations with a wide range of connectivity options for peripherals and accessories, as well as a variety of placement and mounting options.[4]

All-in-One solutions

HP Engage One Pro

HP Engage One Pro all-in-one combines computing and touchscreen in a slim but rugged device. Its stylish design is offered in three screen sizes[4] and can be mounted to walls, poles, carts, or a counter.

Mobile solutions

HP Engage Go 10

HP Engage Go 10 is a durable tablet that's highly secure, ideally sized and integrates key accessories.[4] The slim tablet can be securely docked to an optional base and undocked by authorized staff only.

Modular solutions

HP Engage Flex Pro and Flex Mini

HP Engage modular devices offer maximum performance and reliability and are available in compact sizes that can be hidden from view. A wide range of connectivity[4] enables attachment of peripherals, devices, and displays.

Peripherals available

• Printers – Integrated or Standalone
• Fingerprint Reader
• Magnetic Stripe Reader (MSR)

• HP Engage Go Dock
• Barcode Scanner
• Keyboard

• Touch and Non-touch Monitors and Patient-facing Displays
• HP Active Pen

SYSTEM SPECIFICATIONS

	HP ENGAGE ONE PRO Long Lifecycle All-In-One Colors: Black and White	HP ENGAGE GO 10" Long Lifecycle Mobile Tablet Colors: Black and White	HP ENGAGE FLEX PRO\PRO-C Long Lifecycle, Highly Configurable Computer	HP ENGAGE FLEX MINI Compact Industrial Computer
PROCESSORS	Intel® 10th Generation Celeron® G5900E 2C 65W Core™ i3-10100E 4C 65W Core™ i5-10500E 6C 65W Core™ i7-10700E 8C 65W Core™ i9-10900E 10C 65W Pentium™ G6400E 2C 65W	Intel® 11th Generation Intel® Core™ i3-1110G4 Intel® Core™ i5-1140G7	Intel® 8th Generation Celeron® (35W & 65W), Pentium® Core™ i3 (35W & 65W) Core™ i5 (35W & 65W) Core™ i7	Intel® 10th Generation Celeron®, Pentium® Core™ i3 Core™ i5 Core™ i7 Core™ i9
RAM	DDR4-2666 SDRAM 2 SODIMMS up to 64GB	Up to 16GB LPDDR4X-4266 MHz	DDR4-2666 SDRAM 4 DIMMS up to 64GB	DDR4-2666 SDRAM, DDR4-3200 SDRAM 2 SODIMMS up to 64GB
CONNECTIVITY	Advanced hub includes: •(2) Powered USB 12V •(1) Powered USB 24V •(2) Powered Serial •(4) USB SuperSpeed ports •RJ-45 Network •140W powered port •27W Type-C port with DisplayPort™ Alt mode •Cash drawer jack •Security cable slot	Advanced hub (available on optional HP Engage Go Dock) includes: •(2) Powered USB 12V •(1) Powered USB 24V •(2) Powered Serial •(4) USB 3.0 •USB Type-C® •RJ-45 Network •Security cable slot •MicroSD Card Reader •Headset Jack •USB Type-C® Power Port •Cash drawer jack	•6x RS-232 (0V/5V/12V) •(1) 24V USB •Up to 6x 12V USB •WiFi 802.11ac •5x USB 3.1 Gen1 Type-A •2x USB 2.0 •Audio out/in •Optional Cash Drawer RJ-12 •DisplayPort™ •RJ-45 •Optical Drive (n\a with Pro-C) •NVIDIA® P400 Graphics Card •Additional expansion port	•1x USB 3.1 Gen 2 Type-C® •3x USB 3.1 Gen 2 Type-A •3x USB 3.1 Gen 1 Type A •2x DisplayPort™ •RJ-45 •Audio out/in •Flexport 1: Choice of: USB-C with power delivery up to 100W and w/ DisplayPort™ Alt Mode, DisplayPort™, HDMI 2.0a, VGA, RS-232 Serial, Intel® I225-LM 2.5 Gigabit Network Connection LOM (non-vPro®) •Flexport 2: Choice of: 2x Type-A USB or 1 Serial
OPERATING SYSTEM	•Windows 10 Professional 64-bit •Windows 10 IoT Enterprise 2019 LTSB 64-bit •Windows 10 IoT Enterprise 2016 LTSB 64-bit •FreeDOS 3.0 •Android 11 (available August-21) •SUSE Linux® 15 SP2 (certification)	•Windows 10 Professional (64-bit) •Windows 10 IoT Enterprise 2019 LTSC 64-bit •FreeDOS •SUSE Linux® Enterprise Desktop 12 (certification)	•Windows 10 Professional •Windows 10 IoT Enterprise LTSB 2016 for Retail •Windows 10 IoT Enterprise LTSC 2019 for Retail •FreeDOS 3.0 •SuSE Linux® 12 SP3 (certification)	•Windows 10 Professional •Windows 10 IoT Enterprise LTSC 2019 for Retail •FreeDOS 3.0
LIFE CYCLE	10-year lifecycle •Five years of manufacturing lifecycle •Up to five years of support	10-year lifecycle •Five years of manufacturing lifecycle •Up to five years of support	10-year lifecycle •Five years of manufacturing lifecycle •Up to five years of support	Eight-year lifecycle •Three years of manufacturing lifecycle •Up to five years of support
SCREEN SIZE / DIMENSIONS	•15.6" screen - 15.6 x 1 x 9.5 in; 39.76 x 2.64 x 24.1 cm •19.5" screen - 19.5 x 1.2 x 11.5 in; 49.48 x 2.94 x 29.26 cm •23.8" screen - 23.8 x 1.2 x 13.4 in; 60.5 x 2.94 x 33.99 cm	•9.43 x 6.92 x 0.4 in (flat option); 9.43 x 6.92 x 0.88 in (bump option); 23.95 x 17.6 x 1 cm (flat option); 23.95 x 17.6 x 2.24 cm (bump option) •10" diagonal display	HP Engage Flex Pro •13.27 x 14.96 x 3.94 in; 33.7 x 38 x 10 cm HP Engage Flex Pro C •11.81 x 11.89 x 3.94 in; 30 x 30.2 x 10 cm	•6.97 x 6.89 x 1.34 in; 17.7 x 17.5 x 3.4 cm
IP RATING	IP44	IP54[8]	None	None
CERTIFICATIONS & COMPLIANCE	•IEC 60601-1-2 4th edition •Energy Star® certified (select configurations) •EU Compliant •RoHS2 Compliant •EPEAT®[9] •Undergoes MIL-STD testing[10]	•IEC60601-1-2 •MIL-STD 810H •CISPR 32 (EN55032) •CISPR 35 (EN55035) •Energy Star® •EPEAT® Gold •RoHS2 Compliant	•IEC 60601-1-2 4th edition •Energy Star® •Undergoes MIL-STD testing[10] •0-40C Temperature Range •RoHS2 Compliant	•IEC 60601-1-2:2015 •TCO Certified 8.0 •Energy Star® •RoHS2 Compliant •EPEAT® certified where applicable

1. Tested up to 10,000 wipes with select germicidal towelettes over a 3-year period. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Sanitize Your HP Device Whitepaper. https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW
2. HP Engage Go: EMC Compliant- Certified for IEC60601-1-2, CISPR 32 (EN55032) and CISPR 35 (EN55035). HP Engage One: EN 60601-1-2:2015 Edition 4. HP Engage Flex Pro: EN 60601-1-2:2015 Edition 4. HP Engage One Pro: EN 60601-1-2:2015 Edition 4.
3. HP multi-factor authentication options and physical security sold separately.
4. Optional features, accessories, and mounting hardware sold separately or as add-on features.
5. 10-year product lifecycle available on HP Engage One Pro, HP Engage Flex Pro, HP Engage Flex Pro-C, HP RP9
6. HP Total Test Process is not a guarantee of future performance under these test conditions. Accidental damage or damage under these test conditions require an optional HP Accidental Damage Protection Care Pack.
7. Service levels and response times may vary depending on your geographic location. HP services are governed by the applicable HP terms and conditions of service provided or indicated to the Customer at the time of purchase. The 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.
8. IP54 disclaimer: Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack. HP Engage Go 10" Mobile System is IP54 rated. If unit has optional payment device IP rating goes down to IP40.
9. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
10. MIL-STD testing is not intended to demonstrate fitness for U.S. Department of Defense 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 Service.

Learn more at www.hp.com/engageforhealthcare