

HP's Safe, Smart, and Secure Devices Improve Care Delivery

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PALO ALTO, Calif., June 11, 2019 (GLOBE NEWSWIRE) -- HP Inc. today introduced its next-generation [Healthcare portfolio](#) designed to strengthen the human connection among healthcare patients and clinicians. The [HP EliteBook 840 G6 Healthcare Edition](#), the world's first ultra-slim notebook for healthcare with integrated RFID location tracking¹, and [HP EliteOne 800 G5 Healthcare Edition All-In-One](#), the world's first all-in-one for healthcare with an integrated privacy screen², are designed to enhance patient safety, clinical safety and efficiency, and security in traditional care settings or via telemedicine.

Today's healthcare providers demand technology that helps them serve their patients safely and efficiently. As U.S. hospitals experience 1.7 million healthcare associated infections each year³, HP is delivering devices that can be sanitized and disinfected without having to power down⁴. Additionally, as care providers may log into workstations and applications more than 70 times per day⁵, HP simplified authentication with optional integrated RFID badge reader⁶ and biometrics⁶ to help save time. And because data breaches in the U.S. cost providers and patients over \$6.2B⁷, HP is raising the bar as the world's most secure and manageable PC⁸ provider by adding its award-winning security stack including HP Sure View⁹ and HP Sure Sense¹⁰ to the new HP EliteBook 840 G6 Healthcare Edition and HP EliteOne 800 G5 Healthcare Edition All-In-One.

"Today's healthcare providers need products that protect patients and their data, streamline workflows, and facilitate collaboration across the care continuum to deliver effective patient-centered care," said Reid Oakes, global head of Health Industries, HP Inc. "Our newest additions to the HP Healthcare portfolio exemplify why HP is leading the way in creating safe, smart, and secure devices for today's healthcare providers."

Designed for Modern Healthcare

Expected to be available this month, the new HP Elite 800 Healthcare Editions improve patient safety, clinical efficiency, and security of healthcare delivery organizations. The HP EliteBook 840 G6 Healthcare Edition is powered by 8th Gen Intel® Core™ processors¹¹ and the HP EliteOne 800 G5 Healthcare Edition is powered by 9th Gen Intel® Core™ processors¹¹, and is cart mountable for added mobility to bring in and out of patient rooms. The new healthcare edition notebook features next-gen connectivity with gigabit class 4G LTE¹² and both offer Wi-Fi 6¹³ and Bluetooth® 5.

Safe

On any given day in the U.S., one out of 31 hospital patients have an infection related to their hospital care³. Designed to be disinfected with leading germicidal wipes, without damage to the device¹⁴, the HP EliteBook 840 G6 Healthcare Edition and HP EliteOne 800 G5 Healthcare Edition are durable with advanced materials for cleaning between shifts, every day¹⁴, and now adds support for accelerated hydrogen peroxide formulations.

"As a leading manufacturer of healthcare surface disinfectants, Clorox Healthcare continuously strives to deliver solutions that combine broad antimicrobial efficacy with the compatibility and aesthetics healthcare facilities need for consistent, compliant use," said Amy Harmon, Associate Director, Marketing, Clorox Healthcare. "We are working with HP to create safe healthcare environments for patients and are committed to innovation that enhances patient safety."

HP Easy Clean 2.0¹⁵ enables efficient device cleaning without needing to power down; one simple touch of a button and touch features are disabled for cleaning and disinfection and tracks contact times. Additionally, the new Healthcare Editions are designed for bed-bug infestation treatments¹⁶ with popular formulations used by pest professionals.

Smart

Eighty percent of physicians are at capacity or overextended¹⁷. The new HP Elite 800 Healthcare Series helps improve the clinician experience with simplified log-in with secure dual-band RFID authentication¹⁸. The touchscreens on these devices are also optimized for touch through nitrile, latex, and surgical gloves in case clinicians urgently need to gain access.

Estimates indicate hospitals will purchase 10 to 20 percent more portable equipment than required¹⁹, so staff may find it when needed. The new additions now offer optional, integrated RAIN-compliant RFID location tracking to reduce time spent locating equipment and more effectively leverage existing investments in location services.

Video consultations from primary care physicians are on the rise and expected to reach 9.1 million per year in 2020²⁰. The HP EliteBook 840 G6 Healthcare Edition and HP EliteOne 800 G5 Healthcare Edition are Vidyo ready²¹ for medical collaboration and consultation. Optimized for telemedicine, the new all-in-one features a pop-up integrated privacy camera and the notebook offers a privacy shutter while both PCs deliver crisp audio capabilities for clear conversations between patients and doctors.

The HP EliteBook 840 G6 Healthcare Edition and HP EliteOne 800 G5 Healthcare Edition have EN/IEC 60601-1-2 certification, enabling healthcare practitioners to use the devices close to patients and in more environments without restrictions.

Secure

Healthcare systems are a unique target for attackers, with 45 percent of ransomware attacks affecting healthcare organizations²². HP continues to raise the bar as the world's most secure and manageable PC⁶ with the new HP Elite Healthcare 800 Editions. They offer a broad set of security features to mitigate such attacks, including HP Sure Start²³ to secure the BIOS, the HP Sure View⁹ integrated privacy screen to reduce visual hacking, and HP Sure Sense¹⁰ for deep learning malware protection built-in.

The HP EliteBook 840 G6 Healthcare Edition also features an optional FIPS 201-compliant fingerprint reader that offers enterprise-ready authentication and liveness detection.

For more information on HP Healthcare solutions, please visit [here](#).

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¹ Based on HP's internal analysis as of May 2019 of ultra-slim notebooks under 21mm marketed for Healthcare offering integrated RFID real-time location awareness. The HP EliteBook 840 G6 Healthcare Edition Notebook is not intended for use in diagnosis, cure, treatment or prevention of disease or other medical conditions.

² Based on currently available AiO PCs marketed for Healthcare as of May 2019 having physically embedded, hardware-based privacy screens. The HP EliteOne 800 G5 23.8 Healthcare Edition AiO is not intended for use in diagnosis, cure, treatment or prevention of disease or other medical conditions. HP SureView must be ordered at purchase, functions in landscape orientation and is planned to be available in August 2019.

³ CDC, CDC At Work: Preventing Healthcare-Associated Infections.

⁴ See user guide for cleaning instructions and approved cleaners.

⁵ Imprivata, Enterprise Single Sign-On & Password Management, 2014

⁶ Optional, must be configured at purchase. Requires use of third-party software that is not included and must be purchased separately.

⁷ Protenus, Cost of a Breach: A Business Case for Proactive Privacy Analytics Data breach cost disclaimer.

⁸ Based on PCs with physically embedded, hardware-based software image recovery without the need for an internet connection, as of April, 2018. HP Sure Recover with Embedded Reimaging is an optional feature and requires configuration at purchase. Not available on platforms with multiple internal storage drives, Intel® Optane™. You must back up important files, data, photos, videos, etc. before using HP Sure Recover Premium to avoid loss of data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

⁹ HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

¹⁰ HP Sure Sense requires Windows 10. See product specifications for availability.

¹¹ 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.

¹² Gigabit class Category 16 4G LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

¹³ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft 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 devices. Only available in countries where 802.11ax is supported.

¹⁴ Tested by up to 10,000 wipes with germicidal towelettes over a 3-year period. See user guide for cleaning instructions and approved cleaners.

¹⁵ HP Easy Clean 2.0 requires Windows and will disable the keyboard, display and touchpad only. Ports are not disabled.

¹⁶ Tested with Nuvan ProStrips. Based on HP's internal analysis of ultra-slim notebooks marketed for healthcare and tested to continue to function after undergoing a vapor chemical anti-bedbug treatment regimen. The HP EliteBook 840 G6 Healthcare Edition Notebook is not intended for use in diagnosis, cure, treatment or prevention of disease of other medical conditions.

¹⁷ 2018 Survey of American's Physicians, Practice Patterns and Perspectives.

¹⁸ Optional, must be configured at purchase. Requires use of third-party software that is not included and must be purchased separately.

¹⁹ Kamel Boulos MN, Berry G. Real-time locating systems (RTLS) in healthcare: a condensed primer. Int J Health Geogr. 2012 Jun 28;11:25. doi: 10.1186/1476-072X-11-25. PubMed PMID: 22741760; PubMed Central PMCID: PMC3408320. <http://creativecommons.org/licenses/by/2.0>

²⁰ "IHS projects there will be cumulative annual growth of nearly 35% a year over the next three years to 9.1 million video consultations between primary care providers and their patients by 2020" IHS Markit, Telehealth Remote Patient Monitoring Report, 2017.

²¹ Based on HP's internal analysis of ultra-slim notebooks marketed for healthcare. Vidyo software sold separately. The HP EliteBook 840 G6 Healthcare Edition Notebook is not intended for use in diagnosis, cure, treatment or prevention of disease of other medical conditions.

²² "2018 Was a Record-Breaking Year for Healthcare Data Breaches" HIPAA, Analysis of 2018 Healthcare Data Breaches, 2019.

²³ HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

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