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24" Point-of-Care Medical Touch PC displaying vivid & clear images for radiology and endoscopy

June 3rd, 2014, Munich – Advantech, a leader in providing a wide range of certified medical computing systems and services, is happy to announce the release of the POC-W242, a 24"

medical-grade, slim point-of-care terminal with the latest computing capabilities. The system is fanless for quiet operation and energy efficiency. It delivers high-performance with a 4th generation, Intel® Core™ i7 processor. With an IPS (In-Plane Switching) display, users will experience stunning, vivid images from any angle. Even with a 24" display, the entire unit weighs less than 8kg and has a narrow profile depth of only 7cm. The POC-W242 has an IP54-rated enclosure providing control against bacteria. The point-of-care terminal has a rich connectivity profile which supports four USB ports, one VGA and one HDMI connector. It's also equipped with two mini PCIe slots and one PCIe x4 slot for expansion cards. The unit is suitable for any image-intense, life-critical medical application.

IPS Technology Optimizes POC-W242 for Image Intense Applications
POC-W242 uses IPS technology which ensures the display is vivid and clear, with no color wash. IPS panels are responsive, processing high speed signals without data loss by using copper wiring with low resistance values. The panel is true flat screen, with a dark frame to help images stand out. Wide-viewing-angle support presents the images to viewers from any angle, without blur. And FullHD, 1920x1080 resolution allows POC-W242 to deliver superlative performance for apps such as surgical modeling, ICU, Radiology/PACS, and PDMS. IPS technology eliminates image distortion while using the touchscreen. And the surface is 7H hard, with a responsive 10 pt. multi-touch interface that works well—even from a gloved hand. DICOM presets create a compensation curve that improves the eye's ability to perceive different brightness levels, making images appear sharper and more detailed.

Adopting Cutting Edge Technology for Critical Care
POC-W242 is designed with state-of-the-art technology—from its true flat display, and edge-to-edge, bezel-less design, to its 24" IPS LCD panel with optional P-CAP technology offering

smooth slide control and multi-touch support. Under the hood POC-W242 also packs a punch. It is built with the latest 4th generation, Intel® Core™ i7 processor; it supports iAMT 9.0 (Intel® Active Management Technology) for remote management by IT staff; it renders images in FullHD 1920 x 1080 resolution; and it is designed with a compact, slim footprint that weighs only 8kg and works with most mounting kits. POC-W242 is a truly efficient addition to any medical clinic. When lives are in the balance, having a best-in-class, HMI-optimized, point-of-care solution is the only acceptable choice for a premier medical care facility to make.

Energy-saving and Medically-Certified Platform with 3 Year Warranty

POC-W242 is medically-certified and meets UL60601-1/EN60601-1 3rd edition requirements. It has passed RDT ensuring component protection and is backed by a three-year warranty. Its energy saving features and fanless design ensure low power utilization and a low noise profile. POC-W242 protects against bacteria and infection. The IP54-certified enclosure can be easily cleaned with anti-bacterial cleaning agents.

POC-W242 supports two high-speed USB 3.0 ports and two USB 2.0 ports for fast data transfers. It also uses the latest technology graphics extensions giving it the capability to drive three independent displays. This allows POC-W242 to run complex applications in the OR/ICU or serve as a centralized "dashboard" providing critical data to assist medical staff with lifesaving decision management.

POC-W242 is available now. For more information about the POC-W242 Point-of-Care terminal, or for information about other Advantech Digital Healthcare solutions, please contact a local sales representative.

About Embedded Core Service

Advantech Embedded Core Services offers design-in oriented services. These streamlined solutions broadly integrate embedded boards, peripheral modules and software. This dedicated focus on Embedded Design-in services fulfills electronic engineering demands at their design-in phase, and brings benefits that shorten the design and integration cycles, minimizing uncertainty and risk. www.advantech.eu/EmbCore

About Advantech

Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the

development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: www.advantech.eu).