Medical Grade All-in-One Computers
Powered by latest Intel® 6th Generation Processors

Scalable, fanless, certified, easy integration and flexible

Just a few keywords on the Advantech’s medical computer range, the POC series. The range has recently been extended with Intel® 6th Generation processors, which support Windows 7 and latest Windows 10 IoT. The POC series are designed to be easily integrated with new and existing medical equipment configurations in hospitals. They are equipped with several high-speed I/O connectors, user-friendly function keys, and customizable features. The energy-saving and fanless computer delivers a high computing performance, making it the ideal medical device for improving hospital workflows.

Cutting-Edge Performance
Embedded Intel® 6th Generation Core i7 Platform, for high-end computing and graphics through the product life circle

iDoor Solution
This provides several extended I/O possibilities, including extra USB ports, Smart card reader module, firewire 1394 and modules for easy customization

Support 4K2K Video Output
Supporting standard 3 individual displays, with 2x 4K2K video output (HDMI x1, Display port x1) for crystal clear imaging

IP54 & Fanless
Equipped with a IP54 casing that is dust and waterproof. Makes cleaning easy and safe. No dust risk as the units are without fan.

Easy Cable Management
Just the power cord, no adaptor block anymore. Less wires, easy mounting, less dust risk thus better infection control

TPM for High Security
A special microcontroller is included on the CPU that stores keys, passwords, and digital certificates, for superior data security

Safe with ESD Protection
Medical safety certified according to the new EN60601 4th edition makes the unit ready for the future

DICOM Preset
For handling, storing, printing, and transmitting information in medical imaging

Contact
Toll Free: 00800 2426 8081 | iService@advantech.eu | www.advantech.eu
Accommodates Multiple Applications
PCIe x4 card slots increase the advanced medical-use card solution pool. For solutions like Firewire, USB 3.1, M2 and capture cards.

Better Image Solutions
Dark margin and IPS display for vivid clear images and without color wash. There is a DICOM preset available and it supports Full HD up to 1920 x 1080 WVGXA.

Standard 3 years warranty
Advantech POC units undergo severe testing like RDT (Reliability Demonstration Testing) and HALT (Highly Accelerated Life Test). A standard 3-year warranty is given on our products which can be extended to 5 years.

Healthcare is the top target for hackers!
The Internet Security Threat Report 20 from Symantec states that the healthcare sector is the area which most hackers had their sights on worldwide in 2014.*

POC-W(P)213 and POC-W(P)242 are equipped with the Intel® firmware trusted platform module (TPM) with Intel® Platform Trust Technology (Intel® PTT) for superior data security.

*Source: medicine&technology magazine 01/2016

Flexibility & Customization with iDoor Module
Next to the standard multiple I/O possibilities, the POC platforms offer high flexibility with PCIe Express x4, 2x Mini PCIe and iDoor Solutions.

Advantech’s new iDoor technology is a brand new design concept which utilizes the mini PCIe format. iDoor Technology gives customers the flexibility to configure the various I/O requirements based on different applications. The easy component replacement gives system integrators the flexible solutions for their own projects to meet different customer needs.

Contact
Toll Free: 00800 2426 8081 | iService@advantech.eu | www.advantech.eu
Medical Grade All-in-One Computers
Powered by latest Intel® 6th Generation Processors

Your best choice for:
- EMR/EHR Software applications
- Pre- and Post Operating Room
- ICU & ED vital sign monitoring
- DICOM to PACS medical imaging
- Anesthesia system management
- Medical Equipment control

21.5” Widescreen Point-of-Care Terminal fanless and slim design
- Runs on an Intel® Core™ i7 6th generation processor with a fanless, high performance profile
- Ultra-thin display, only 65 mm slim at its widest point
- Capable of displaying crystal clear images on its 21.5” wide-screen display
- Isolated design provides unique electric leakage protection for COM ports and LAN ports
- IPX1 water resistant enclosure with additional IP65 dust-tight front panel
- Optional Bluetooth, RFID, Blu-ray RW, inner WLAN, Li-ion battery pack, IEEE 1394, and DICOM module
- 2x USB 3.0 and 4x USB2.0

24” Widescreen Point-of-Care Terminal fanless and slim design
- Runs on an Intel® Core™ i7 6th generation processor with a fanless, high performance profile
- 24” full HD resolution, IPS LCD with edge to edge, bezel-less design
- USB 3.0 and PCIe x4 expansion slot, mini PCIe slot x 2
- Offers a multi-touch option to deliver a truly unmatched touchscreen experience
- IP54 enclosure to protect against dust and water splashing for ease of cleaning
- Isolated design provides unique electric leakage protection for COM ports, LAN ports and optional USB port
- Optional Bluetooth, RFID inner WLAN module, Li-ion battery pack, auto-focus 5M pixel camera and DICOM preset
- 2x USB 3.0 and 4x USB2.0

Both Point-of-Care Terminals available with Internal Power Supply

POC-W213

POC-W243

POC-WP213 / POC-WP243

No external adaptor, just the power cord. Ideal for critical environments and efficient equipment use. The internal power supply avoids stowing away the block, less wires and easy mounting. Improves the level of infection control.

Contact
Toll Free: 00800 2426 8081 | iService@advantech.eu | www.advantech.eu
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.

Advantech & Intel

The knowledge and experience of Intel® Internet of Things Solutions Alliance members provide a compelling competitive advantage to OEMs looking for superior solutions for their embedded applications. The Alliance ecosystem program offers four tiers of membership. From highest to lowest, they are: Premier, Associate, Affiliate, and General. The higher the tier, the more closely the member is aligned with Intel. Through these tiers, members offer increasing levels of sophistication in scalable, interoperable IoT solutions based on Intel® products. Each ascending tier also participates in more joint market development efforts, including programs Alliance members create, as well as Intel’s campaigns to seed the marketplace with new products for OEM customers.

Advantech & Microsoft

Advantech is named Microsoft® Global IoT Valued Partner and extended authorized embedded distributor in EMEA region since November 2015. Previously recognized for the APAC region, this expanded acknowledgment lays a strong foundation for Advantech’s position as a key embedded computing and IoT service provider in Europe, the Middle East, and Africa. Furthermore, in order to accelerate the development of the IoT industry, Advantech has developed the WISE-PaaS IoT software platform service in cooperation with Microsoft. This combines Advantech’s IoT platform services with Microsoft’s Azure Cloud Service, providing all-in-one SRP (Solution Ready Package) services to help customers rapidly build their IoT applications.

Contact

Toll Free: 00800 2426 8081 | iService@advantech.eu | www.advantech.eu
Advantech Europe B.V. | Bijster 20A | 4817 HX BREDA | The Netherlands