



# Cloud Computing Solution

Endpoint Management Software especially designed for the healthcare sector



ALPHATRON Medical

The multifunctional, mobile care workplace 'AMIS' is exclusively available at our partner Alpatron

ADVANTECH | IHealthcare

intel | IoT Solutions Alliance Premier



## IGEL Endpoint Management Solutions for the Healthcare Sector

IGEL delivers powerful unified endpoint management software that is revolutionary in its simplicity and purpose-built for the enterprise. The company's world-leading software products include the IGEL OS™, Universal Desktop Converter™ (UDC), IGEL Cloud Gateway™ (ICG), IGEL UD Pocket™ (UDP) and Universal Management Suite™ (UMS). These solutions enable a more secure, manageable and cost-effective endpoint management platform across nearly any x86 device. IGEL enables you to precisely control all devices running IGEL OS as well as Windows OS from the single dashboard interface Universal Management Suite (UMS), regardless of whether an ADVANTECH, IGEL or another manufacturer.



### What is IGEL OS ?



#### Hardware-Agnostic

A secure operating system for x86 machines built with industry standard components, regardless of manufacturer. IGEL OS is designed to become the managed operating system for PCs, laptops, tablets, and most every other 64-bit, x-86 device, including thin clients, all-in-one clients and devices hardened for industrial use cases.

#### Built-in Enterprise-Level Security

Security conscious organizations can finally be confident that the core operating system on endpoints devices have not been compromised. Two-factor authentication, smart card readers and trusted execution are already included. Additionally, a Linux-based operating system is virtually impossible to manipulate and extremely resistant to viruses and other malware.



#### Easy Customization of Firmware

From added functionality to corporate branding to screensavers that display corporate messaging, IGEL OS is designed for managed customization. It's easy to make the device look and perform exactly the way you want it to, without having to overhaul your backend infrastructure.

#### Modular Configuration

Pick and choose functionality. IGEL OS is designed to let an organization "turn off" unused features. If using Citrix and not VMware for end-user computing, just disable VMware. If using Microsoft RDSH with RemoteFX, and not Citrix, simply disable Citrix. Turning off unused features lets you give back resources to the system and reduce the attack surface of the device.



#### Commitment to Firmware Support

IGEL OS is updated 4 times a year, assuring access to current client software from Citrix, VMware, Microsoft and others. Furthermore, IGEL guarantees firmware updates for three years after the device is marked end-of-life.

#### Enhanced User Experience

Familiar, trouble-free desktop and application environments boost productivity. By moving desktop PC workload from the endpoint to the data center, you experience true efficiency: significantly faster logins and application loading, more consistent operation and a significantly boosted performance in database lookup or query.



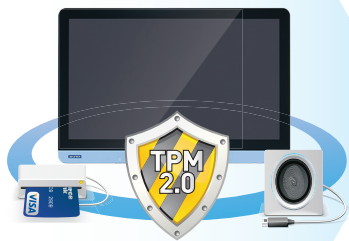
**IGELOS**  
makes it easy to succeed in any  
virtualized EUC environment

## Advantech iHealthcare Hardware Medical-Certified and Tested for Hospitals



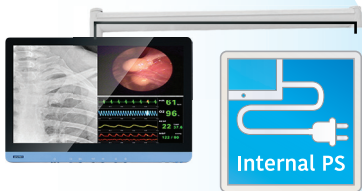
### Cutting-Edge Platform Delivers High-Performance Computing

Advantech's next-generation POC series computers are equipped with **Intel® 6th generation processor and DDR4 memory**. Compared to 4th generation models, Intel's 6th generation processor delivers **up to a 30% increase in graphics performance**.



### Enhanced Data Security Mechanisms

The provision of **Trusted Platform Module 2.0 technology** offers enhanced security and greater cryptographic agility and consistency across different implementations. Optional **RFID modules, smart card readers, and fingerprint scanners** enable identity verification and secure user-friendly access.



### Also Available with Internal Power Supply

POC series computers, by default, feature an external power supply for reliable current isolation, they can be fitted with an **internal power supply** unit in order to eliminate wiring and allow easier mounting.



### Flexible I/O Expansion and Customization

**PCIe x4 slot or PCIe x1** increases the number of advanced medical-use card solutions available. **Two mini PCIe** (1 full size and 1 half size) slots facilitate system customization. Support for **Advantech's iDoor modules** allows the default system I/O to be flexibly extended with additional USB 2.0, IEEE 1394, and isolated ports.

## Applications



Operating Room



Critical Care



Surgical Modeling



Radiology/PACS

# Medical-Grade All-in-One Computers



		POC-W213	POC-W243
Computing System	CPU	Intel® Core™ i7-6600U Processor (4M Cache, up to 3.40 GHz) Intel® Core™ i5-6300U Processor (3M Cache, up to 3.00 GHz) Intel® Core™ i3-6100U Processor (3M Cache, 2.30 GHz) Intel® Celeron® Processor 3955U (2M Cache, 2.00 GHz)	
	Memory	DDR4-1866/2133 SODIMM (up to 32GB)	
	Graphics Controller	Intel® HD Graphics 520/510	
	G Sensor	2g/±4g/±8g/±16g, 6D/4D orientation detection	
	OS Support	IGEL OS, Windows 7, Windows 8.1 Industry Pro, Windows 10 IoT	
Display	Panel Type/Size	21.5" 16:9 widescreen TFT color LCD	23.8" 16:9 widescreen TFT color LCD
Expansion Slot	Mini PCIe (mSATA)	2 (1 x full size, 1 x half size)	
	PCIe	1x PCIe (x4)	
I/O*		Serial Ports (RS-323/422/485), USB 2.0, USB.3.0, LAN, HDMI, DisplayPort, Audio	
Optional*		SSD (default), HDD/mSATA, Battery, WLAN, Bluetooth, RFID, Camera, Smart Card Reader, DICOM	
IP Rating	Entire System	IP54 (with IP65-rated front panel)	
Certifications		UL60601-1/EN60601-1 Edition 3.1, CE & FCC Edition 4.0 Class B, and CCC certified 3 Year Warranty	

\*please see Datasheet at [www.advantech.eu](http://www.advantech.eu) for details

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