

Computed Tomography - Breast Diagnosis Solution



Background

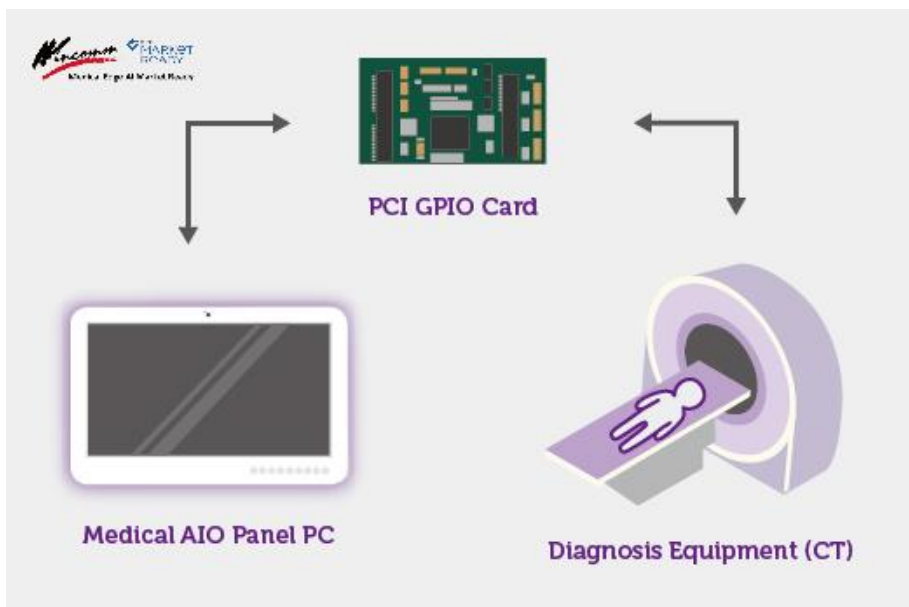
The current pandemic is accelerating the purchase of CT systems in advanced cases of pneumonia to further assess a patient's lung condition. During the initial stages of the COVID-19 outbreak, CT was used primarily, alongside DNA tests, to diagnose cases with the detection of pneumonia considered to be a key symptom. Recently CT is encouraged to be used sparingly and reserved for hospitalized and highly symptomatic patients with specific clinical indications for CT.

Pain Points

Breast cancer is one of the most common types of cancer found in women worldwide. However, breast cancer does not always show obvious symptoms in the early stages. Hence, companies in the breast cancer diagnostics market are increasing their R&D in AI technologies to identify unmet patient needs. The AI technology is being increasingly used in additional image modalities with the goal of lowering costs for hospitals as well as payers. Toward medical edge AI ready solutions, Wincomm design medical AI panel PC and box PC series, featuring at

- Medical Grade Certification Ready
- Powerful Computing Intel® Core™ Processor
- Independent Graphic Card Application Ready
- Expansion PCIe Card Support for AI Accelerator Card
- High Resolution Touch Panel with DICOM Part 14
- Intelligent Thermal Management Solution to Optimize Operating Performance
- Special Power Adaptor Inside and Customization Service
- Own Design Manufacture Service

Wincomm Solutions



Wincomm provides professional design of medical grade panel PC, equipped with the latest generation of Intel® Core™ processors and powerful independent GPU/VPU card ready application to fulfill medical edge AI solutions for computed tomography - breast diagnosis solution. With the unique defaulted expansion slot, it could easily maintain the PCIe GPIO card installation to support various MRI equipment, and the application ready firmware/BIOS is provided included for system integrators. Besides, it is dedicated to support the ODM and customization service to catch up with the latest design of CT scanners to extend the solution competence together with medical device providers.

For more product information, please visit the Wincomm website at <http://www.wincomm.com.tw/>