www.ieiworld.com



MEDICAL SOLUTION



IASO-W07A-N6210

The IASO-W07A-N6210 is a 7" medical panel PC with a high-performance Intel[®] Celeron[®] N6210 processor. Tiny size with fanless design makes it suitable for various medical environment as a data gateway or HMI.













10-point touch Screen with **Optical Bonding**





Front Panel



▶ IP65 compliant front panel with true-flat design makes the system easily to be cleaned



Fanless Design	On-board eMMC	On-board LPDDR4x
 Fanless design known as passive cooling technology not only reduces noise but also prevents the accumulation of debris causing blocked vents, potentially damag- ing electrical components 	 Embedded MultiMediaCard (eMMC) soldered directly onto the motherboard to minimize the system 	 On-board LPDDR4X powers the system with performance and efficiency. It delivers a speed of up to 4266Mbps

Optional Wi-Fi 6E

• Wi-Fi 6E is the next generation standard in Wi-Fi technology which supports higher data rates, increased capacity and improved power efficiency



- M.2 Expansion
- The M.2 2280 M key expansion slot supports SATA signal and reserved the availability for higher storage capacity
- **PCAP Touch**
- Projected capacitive touchscreen supports multi-touch & multi-layer medical gloved operation





Default up to six USB ports (USB 10Gb/s) greatly enhance the flexibility and device connectivity

IASO-W07A-N6210



Universal VESA 75 mounting holes

IASO-W10B-N6210 & IASO-W10B-IMX8M

The IASO-W10B-N6210 and IASO-W10B-IMX8M are 10.1" medical panel PCs with high-performance Intel® Celeron® programmable LED light bars on both sides. It is a data acquisition terminal designed for medical professionals to improve clinical work and workflow efficiency.













1GbE supporting PoE (ErP is not supported in PoE mode)



Applications





In-wall Mounting

It can be embedded in or on a wall



- **AI Audio Analytics**
- Real-time detect emergencies in the hospital, including under-staffed areas, restricted areas and surveillance blind spots.

Notify staffs to enable faster response and

reduce rescue

time



 An RFID dual-band card is capable of reading both 125 kHz and 13.56 MHz credentials

RFID Reader

(optional)





IASO-W10B-N6210 & IASO-W10B-IMX8M

10-point touch screen with

► IASO-W10B-IMX8M-R10 I/O Interface

POCi-W22C/W24C-ULT5

Isolated I/0

The POCi series is an intelligent medical grade panel PC featuring PCIe x4 expansion slot for integrating optional value-added cards. Moreover, DICOM preset and isolated COM and LAN ports make safe operation in medical critical care scenarios such as radiology, telemedicine, endoscopy system or surgical working station.

80

Modular PCle



RFID reader

</>

Ultra Slim



S#

28

10-Point

DICOM Module

..... Chemical Etching AG Coating Readinglight



Ultra-slim Aluminum Front Bezel





Intel[®] Core[™] i7-8665UE / i5-8365UE Processor

- Intelligent performance
- Best in class Wi-Fi connectivity1 with Intel® Wi-Fi 6 (Gig +) ensures a reliable connection

Chemical Resistance

for Easy Sterilization

hospitals. Aluminum front frame is

not only lightweight but also very

durable for chemical erosion. The

PC/ABS back cover is also carefully

the commonly seen detergents

Cidex

Cidex

selected and proved to be resistant to

Metricide Metricide Wavicide

• Sterilization is a daily routine of

• The best overclocking experience



IPS Panel with Chemical Etching AG Coating Glass

High-performance IPS panel enables a wide 178° viewing angles and advanced visual performance. The chemical etching AG coating reduces visual fatigue resulting from light interference





Wi-Fi 6 Module

 It supports the latest Wi-Fi 6 standard which enables more clients in dense environments and will provide a better experience for typical wireless LAN

networks





Applications

RS-232





Endoscopy in the Tri-Service General



Modular Expansion

Design

makes the whole system more flexible and easily meet the individual needs instance, adopting the Al accelerator card to enhance computing power



AI Accelerator Card PoE Injector Card

Optional DICOM Preset

• The way the human eye responds to contrasts in light levels is not linear. Calibration of the display system is important to ensure that each image is shown consistently every time it is viewed



POCi-W22C/W24C-ULT5

Accessible HDD Cover & Cable Cover

2242, 2260 and 2280 M.2 SSD





Hospital Songshan Branch (Taiwan)



Fertility & Reproductive Genetic Center at the Chang Geng Medical Foundation (Taiwan)

POCm-W22C/W24C-RPL

The POCm series is a mobile point-of-care terminal specially designed for hospital nurses and medical professionals. With three hot-swappable batteries, the POCm terminals can be flexibly deployed for a wide range of mobile applications such as mobile nursing care and telehealth.



Multi-touch



13th Gen Intel® Core™ i5/ i7 processor (Raptor Lake-P)	IP65 Anti-bacteria Housing	Flexible Storage Device
 Up to 24 cores (a combination of P (performance) and E (efficient) cores) and 32 threads 	Anti-bacteria Housing Staphylococcus aureus with IP65 front panel	 Flexible storage device options. 2.5" SSD/HDD, dual M.2 2280 RAID.
 PCle 4.0 (up to 4 lanes) and PCle 5.0 (up to 16 lanes) support DDR4-3200 and DDR5-5600 support 		2.5° 55D HD0 Duil 2242, 2260 and 2280 NGFF 55D,

Optional Docking Larger Battery **Smart Charging** Capacity Station • Each battery slot has maximum 6A The 3 hot-swappable batteries can POCm-DOCKING-6BAY-R10 is a battery provide sufficient power for 8-16 charging current to meet Quick docking station with fast charging which takes only 3.5 hours to charge Charge according to system power hours. from 0 to 100%. Built-in power supply consumption and temperature situation. eliminates the cable mess.



Hot-swappable batteries (9000mAh/pc)



待補I/O照

Applications









POCm-W22C/W24C-RPL

Additional 1 DC output port



